

**Appendix 6-C**  
**Climate Baseline and Greenhouse Gas Emissions Report:**  
**Denison Mines – Wheeler River Project**

**Prepared for:**



230 22nd St. East, Suite 200  
Saskatoon, SK, Canada, S7K 0E9

**Prepared by:**



**Independent Environmental Consultants**


582 St Clair Avenue West, Suite 221,  
Toronto, ON, M6C 1A6

IEC Project No.: SX19-0043

September 2022

## DOCUMENT APPROVAL


## REPORT PREPARATION

Position	Name	Signature	Date
Senior Environmental Engineer	Nick Shinbin, P.Eng. (Ontario)		6 Sep 2022

## TECHNICAL REVIEW

Position	Name	Signature	Date
Vice President	Paul Kirby, M.Sc., CET, EP		6 Sep 2022

## MANAGEMENT REVIEW

Position	Name	Signature	Date
Vice President	Paul Kirby, M.Sc., CET, EP		6 Sep 2022

ORIGINAL SIGNED: UNCONTROLLED IF PRINTED

## VERSION CONTROL

Rev. No.	Description	Prepared by	Date
0	Preliminary draft report for review	NZS	11 Mar 2022
1	Final report	NZS	6 Sep 2022

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## 1.0 INTRODUCTION

Denison Mines Corp. (Denison) is proposing a new uranium mine and processing plant in northern Saskatchewan, referred to as the Wheeler River Project (or, the *Project*). The Project site is located approximately 4 km west of Highway 914 and approximately 35 km north of the Key Lake uranium operation. Denison is proposing to apply an innovative approach to uranium mining called In-Situ Recovery (ISR), which is used extensively internationally but has yet to be used in Canada. This approach eliminates the need for large open pits, shafts, and underground mine workings that are the norm for uranium mining in Canada to-date.

Denison is completing an Environmental Impact Assessment (EIA) in support of the Project, which will evaluate the potential impacts of each phase of the Project on the biophysical and socio-economic environment. This report constitutes the assessment of baseline and projected future climate conditions at the Wheeler River site, for use in estimating the potential impacts associated with the Project.

The scope of the climate baseline report considers the requirements and guidance for characterization of the baseline environment from:

- Canadian Nuclear Safety Commission (CNSC), *Generic Guidelines for the Preparation of an Environmental Impact Assessment Pursuant to the Canadian Environmental Assessment Act, 2012*. March 2021. (EIS Guidelines) [1]; and
- CNSC REGDOC-2.9.1 *Environmental Protection: Environmental Principles, Assessments and Protection Measures* (REGDOC-2.9.1) [2].

In accordance with REGDOC-2.9.1, the pertinent climate data to be included in the assessment are air temperature, relative humidity, precipitation, wind speed and direction, atmospheric pressure, and solar radiation. In addition, weather phenomena such as lightning, temperature inversions, and fog are to be considered for discussion, as well as rare occurrences such as tornadoes. The data applied to describe the existing climate conditions in this report were collected primarily from meteorological data summaries maintained by Environment and Climate Change Canada (ECCC). The existing climate is discussed in Section 2.0.

In addition to establishing the baseline conditions, this report also provides estimations of future climate out to the year 2100 using Representative Concentration Pathway (RCP) trajectory analysis in accordance with methods adopted by the Intergovernmental Panel on Climate Change (IPCC). The future climate scenarios and analysis are discussed in Section 3.0.

## 2.0 EXISTING CLIMATE

The Project Area is located within the Athabasca Plain ecoregion of the Boreal Shield ecozone, specifically in the cold and snowy forest zone of northern Saskatchewan. The climate of the Project Area is typical of the continental sub-arctic region as characterized by extremely cold, dry winters and brief, cool and moist summers.

Climate is typically defined as the long-term pattern of weather for a given area, often defined by the “climate normals” for the area. Climate normals, or climate averages, are arithmetic calculations based on observed climate values for a given location over a specified time period, typically 30 years. The 30-year datasets are compiled every 10 years and are used to track changes to the typical climate over time. ECCC provides 30-year climate normals for many of the stations that they operate, with the 1981-2010 datasets being the most recently available. The nearest ECCC meteorological station to the Wheeler River site is located approximately 32 km away at Key Lake. Data from this station were used to characterize the existing climate conditions at Wheeler River.

Local climate and meteorological conditions are important considerations in the assessment of impacts on the atmospheric environment. With regard to air quality, meteorology governs the transport, dispersion, and deposition of air emissions. Specifically, dispersion of contaminants is largely driven by wind speed and wind direction. Wind speed will also affect the dilution of contaminants, with dilution increasing with increasing wind speed, resulting in a more rapid decrease in contaminant concentration with distance as wind speeds increase. Conversely, calm winds result in minimal dispersion, potentially leading to high local ground-level concentrations of contaminants. Wind speed and direction also factor into noise conditions, with more effective propagation of noise occurring in downwind directions. Atmospheric stability and mixing height influence the mixing of air contaminants in the atmosphere, whereas precipitation may wash out contaminants from the atmosphere. Temperature inversions, such as may occur over large bodies of water, tend to have the effect of increasing noise propagation due to the dense air causing sound waves to bend back toward the surface, resulting in multiple ground reflections. The near-surface temperature also controls the reaction rates of contaminants.

There have been multiple stations operating at Key Lake since meteorological monitoring commenced at the site in 1976. The scope of monitoring at these stations are summarized in Table 1. Data for the last ten years have been included for the purposes of establishing the existing conditions at the site (2011 to 2020), along with the most recent climate normals (1980 to 2010). The data from Key Lake is considered to be representative of conditions in the Project Area, the Local Study Area, and the Regional Study Area.

**Table 1: Key Lake Meteorological Station Summary**

Station ID	Years Active	Operator	Used in Assessment (Y/N)	Notes
4063753	2011 – Present	ECCC	Y	2011 data not used as station was not active until September 2011.
4063755	1976 – 2018	CCN <sup>[1]</sup>	Y	No data beyond September 2018.
4063757	2010 – Present	NAVCAN	Y	Low level precipitation not reliable; only used for statistics relating to maximum daily values.
4063759	1994 – 2010	N/I <sup>[2]</sup>	N	Data predates assessment period.
<b>Notes:</b> All data collected from ECCC Historical Data archive [3] and Canadian Climate Normals archive [4] [1] Co-operative Climate Network (operated by Cameco) [2] No Information				

## 2.1 TEMPERATURE

Temperature data collected at Key Lake over the period of 2011 to 2020 are summarized in Table 2. The mean daily temperatures over the period of 2011 to 2020 were slightly cooler on average compared to the climate normals, with an annual average temperature of -2.6°C in 2011 to 2020 compared to -2.3°C from 1981 to 2010. The daily average temperatures were less than or equal to 0°C between October and April for both the normals and the period of 2011 to 2020. The coldest month on average for the 2011-2020 period was January, with a daily mean temperature of -21.1°C, while July was the warmest month with a daily mean temperature of 16.4°C. The 30-year climate normals also identify January and July as the coldest and warmest months on average, respectively, with a daily mean temperature of -22.3°C in January and 16.3°C in July.

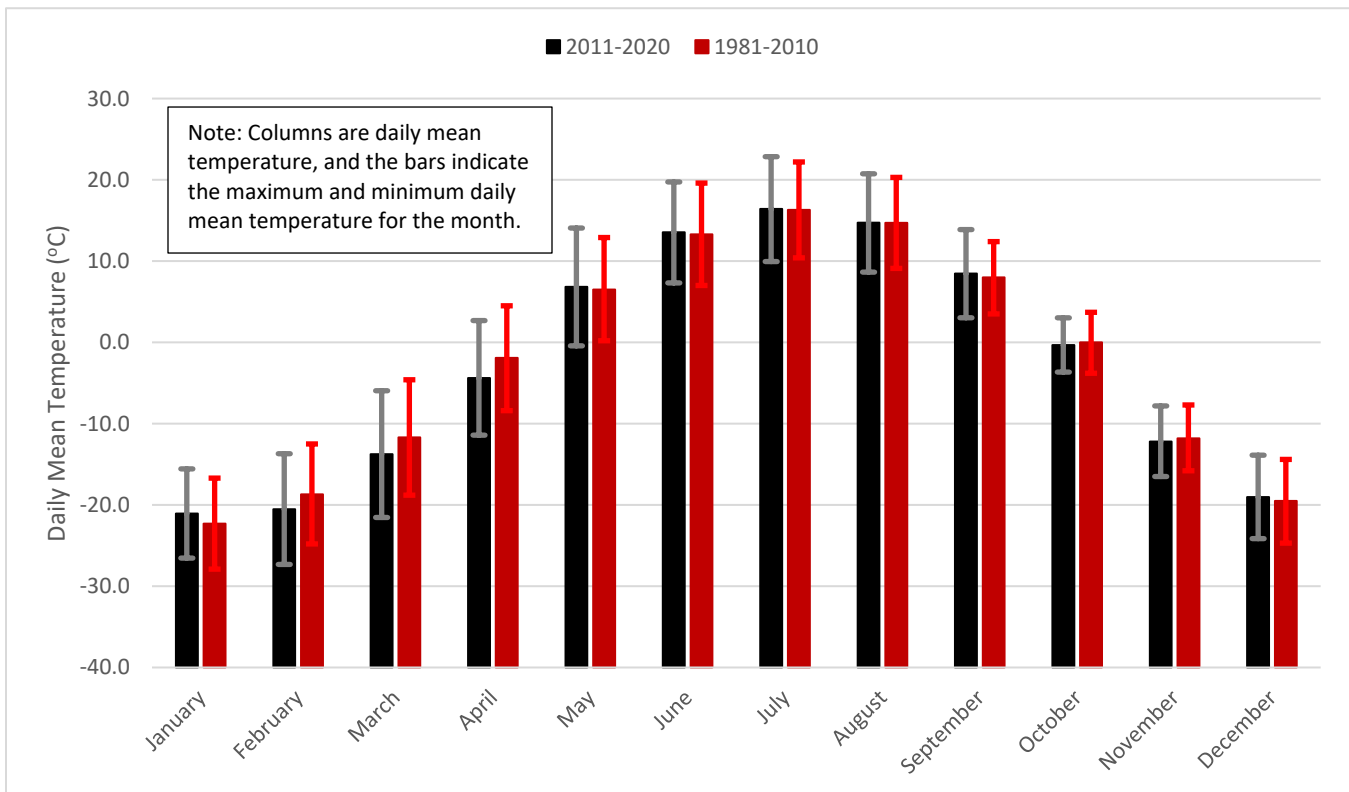
The mean daily maximum temperature for the 2011-2020 period ranged from a high of 22.8°C in July to a low of -15.6°C in January, with an annual average of 3.3°C. The annual average for the 1981-2010 climate normals period was the same at 3.3°C, ranging from 22.2°C in July to -16.7°C in January. The extreme maximum temperature for the period of 2011-2020 was 34°C, compared to 36°C for the climate normals. The mean daily minimum temperature for the 2011-2020 period ranged from a high of 9.9°C in July to a low of -27.3°C in February, with an annual average of -8.6°C. The annual average for the 1981-2010 climate normals period was slightly higher at -7.8°C, ranging from 10.4°C in July to -27.9°C in January. The extreme minimum temperature for the period of 2011-2020 was -48.3°C, compared to -52.5°C for the climate normals.

As illustrated in Figure 1, the daily mean, average daily minimum, and average daily maximum temperatures over the period of 2011-2020 match closely with the climate normals over the 1981-2010 period on a month-by-month basis, particularly during the period of May through December. In the period from February to April, the daily mean temperatures from the climate normals tended to be 2-3°C warmer than those measured from 2011-2020, while in January the measured temperatures were approximately 1°C warmer on average.

**Table 2: Measured Temperature Data (2011-2020) Compared to Climate Normals (1981-2010) for Key Lake, SK**

Parameter	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>2011 to 2020</b>													
Mean Daily Temperature	-21.1	-20.5	-13.8	-4.4	6.8	13.6	16.4	14.7	8.5	-0.3	-12.2	-19.0	-2.6
Mean Daily Maximum Temperature	-15.6	-13.7	-5.9	2.7	14.1	19.7	22.8	20.7	13.9	3.0	-7.8	-13.9	3.3
Mean Daily Minimum Temperature	-26.5	-27.3	-21.5	-11.4	-0.4	7.3	9.9	8.6	3.0	-3.7	-16.5	-24.1	-8.6
Extreme Maximum Temperature	4.5	17.0	14.5	22.9	31.5	34.0	34.0	32.1	30.5	22.4	10.0	5.2	34.0
Extreme Minimum Temperature	-48.0	-47.7	-45.0	-40.2	-24.6	-6.9	-0.7	-1.7	-8.5	-23.3	-41.2	-48.3	-48.3
<b>Climate Normals (1980 to 2010)</b>													
Mean Daily Temperature	-22.3	-18.7	-11.7	-1.9	6.5	13.3	16.3	14.7	8.0	0.0	-11.8	-19.5	-2.3
Mean Daily Maximum Temperature	-16.7	-12.5	-4.6	4.5	12.9	19.6	22.2	20.3	12.4	3.7	-7.7	-14.4	3.3
Mean Daily Minimum Temperature	-27.9	-24.8	-18.8	-8.4	0.2	7.0	10.4	9.1	3.5	-3.8	-15.8	-24.7	-7.8
Extreme Maximum Temperature	10.0	9.0	15.0	28.5	32.5	34.5	33.5	36.0	28.5	24.5	12.2	5.0	36.0
Extreme Minimum Temperature	-52.5	-48.5	-50.5	-40.0	-21.5	-5.0	-1.0	-3.0	-8.5	-28.0	-43.0	-48.0	-52.5



**Figure 1: Measured Daily Mean Temperatures (2011-2020) Compared to Climate Normals (1981-2010) at Key Lake, SK**

## 2.2 PRECIPITATION

Precipitation data collected over the period of 2011 to 2020 are summarized in Table 3. Due to inconsistency in reporting of rainfall and snowfall throughout the period, only data pertaining to total precipitation are shown. The term ‘precipitation’ is defined as the water equivalent of all types of precipitation (i.e., rainfall plus snowfall). In general, ECCC applies a ratio of 10 to 1 to the snowfall to determine its water equivalent (i.e., 1 cm of snow is equivalent to about 1 mm of water once the snow is melted).

The average annual amount of total precipitation at the ECCC station (4063753) for the period of 2011-2020 was 437 mm/year, while that at the CCN station (4063755) was 483 mm/year, for an average of 456 mm between the two stations. For comparison, the annual average total precipitation for the climate normals period of 1981-2010 was 483 mm/year. Total precipitation is not presented for the NAVCAN station (4063757) as low levels did not appear to be well resolved. The greatest amount of total precipitation in a 24-hour period was 45.9 mm, which was recorded at station 4063753 and occurred on August 8<sup>th</sup>, 2020. The maximum 24-hr precipitation from the climate normals was 72 mm, which occurred on July 12<sup>th</sup>, 1998. The average number of days with measurable precipitation between stations 4063753 and 4063755 from 2011-2020 was 132 days, compared to 149 days for the climate normals period of 1981-2010.

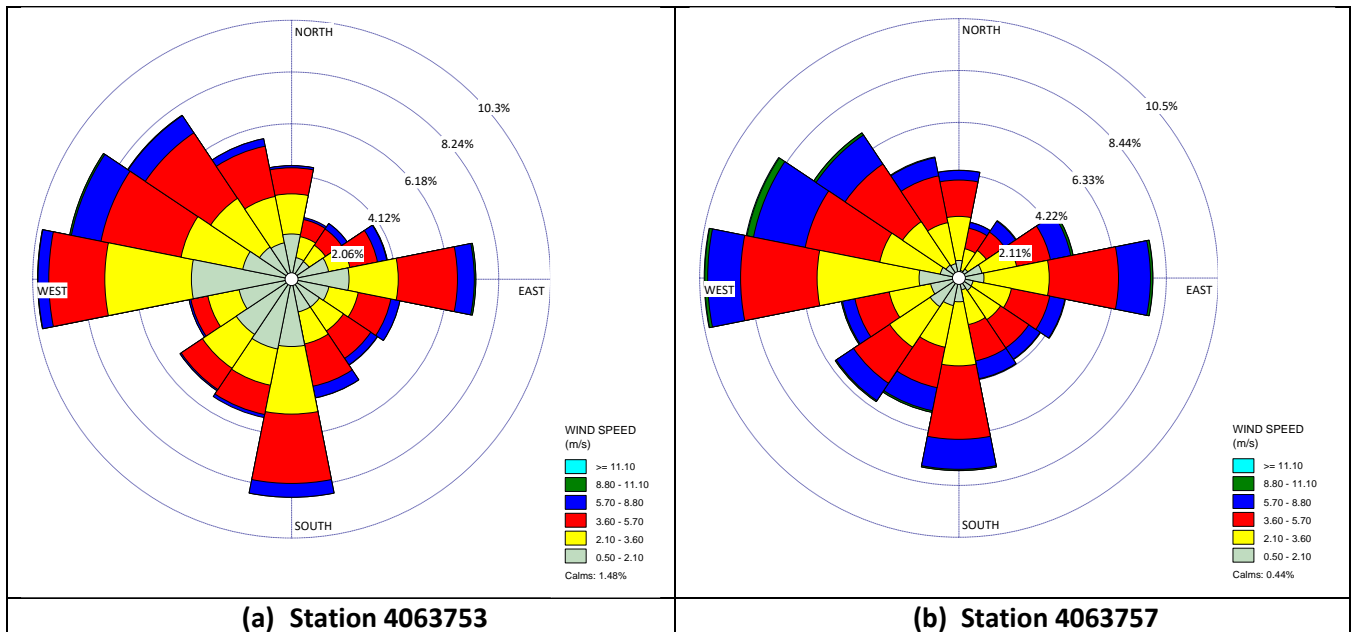
**Table 3: Measured Precipitation Data (2011-2020) Compared to Climate Normals (1981-2010) for Key Lake, SK**

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
<b>2011 to 2020</b>													
Mean Monthly Precipitation, mm	26.6	12.8	24.5	22.6	31.1	62.8	85.3	66.1	45.8	39.3	21.6	17.5	456.1
Maximum Precipitation in 24-hrs, mm	22.8	14.8	29.0	26.2	21.9	37.2	39.6	48.3	28.4	31.2	25.3	9.8	48.3
Number of days with measurable precipitation	11.3	8.3	9.6	7.4	7.6	12.6	13.5	11.8	12.5	14.7	11.8	10.8	131.6
<b>Climate Normals (1980 to 2010)</b>													
Mean Monthly Precipitation, mm	22.1	17.4	21.1	23.7	36.5	63.4	88.3	66.9	58.0	36.4	28.6	20.2	482.5
Maximum Precipitation in 24-hrs, mm	25.2	10.4	17.1	27.7	26.0	68.7	72.0	52.7	33.6	26.1	18.2	16.5	72.0
Number of days with measurable precipitation	11.1	10.1	9.5	7.0	10.3	12.8	16.2	16.4	16.2	13.7	14.2	11.2	148.8

2.3 WIND

Hourly wind speed data were available for the ECCC station (4063753) and for the NAVCAN station (4063757). These were analyzed for the period of 2011-2020 to create wind rose plots showing the wind direction, frequency, and average wind speed. The wind rose plots are provided in Figure 2. These plots each show that the predominant wind direction is from the west (approximately 10-11% of the time), with southerly and easterly winds being the next most frequent at approximately 7-8% each. The average wind speed at 4063753 was 3.1 m/s, and at 4063757 was 3.8 m/s.

Figure 2: Wind Roses for Key Lake, SK (2011-2020)



## 2.4 ATMOSPHERIC PRESSURE

Atmospheric pressure data is available on an hourly basis from station 4063753 and station 4063757. The hourly data was summarized into monthly averages for each station and is summarized in Table 4. It should be noted that atmospheric pressure is not tracked with the climate normals datasets, and therefore a comparison to historic data is not available. Over the period of 2011-2020 the annual average atmospheric pressure was 95.3 kPa at station 4063753 and 95.2 kPa at station 4063757), each with a standard deviation of 0.1 kPa. On an hourly basis, the standard deviation for the period of 2011-2020 was 0.8 kPa at both stations, indicating that the atmospheric pressure was relatively constant over this period.

**Table 4: Measured Atmospheric Pressure at Key Lake, SK (2011-2020)**

Year	Station 4063753	Station 4063757
2011	95.2	95.1
2012	95.2	95.2
2013	95.4	95.4
2014	95.3	95.3
2015	95.2	95.2
2016	95.2	95.3
2017	95.2	95.2
2018	95.3	95.3
2019	95.3	95.3
2020	95.1	95.1
<b>Average</b>	<b>95.3</b>	<b>95.2</b>

## 2.5 RELATIVE HUMIDITY

Relative humidity is a measure of the amount of water vapor present in air expressed as a percentage of the amount needed for saturation at the same temperature. At 100% relative humidity, the air is saturated (i.e., at its dew point). Relative humidity data is available on an hourly basis from station 4063753 and station 4063757. The hourly data was summarized into monthly averages for each station and is summarized in Table 5. It should be noted that relative humidity is not tracked with the climate normals datasets, and therefore a comparison to historic data is not available. Over the period of 2011-2020 the annual average relative humidity at 4063753 was 71.0% with a standard deviation of 1.8%, and at 4063757 it was 73.7% with a standard deviation of 1.8%. The standard deviations on an hourly basis were calculated to be 18.4% and 19.0% at stations 4063753 and 4063757, respectively.

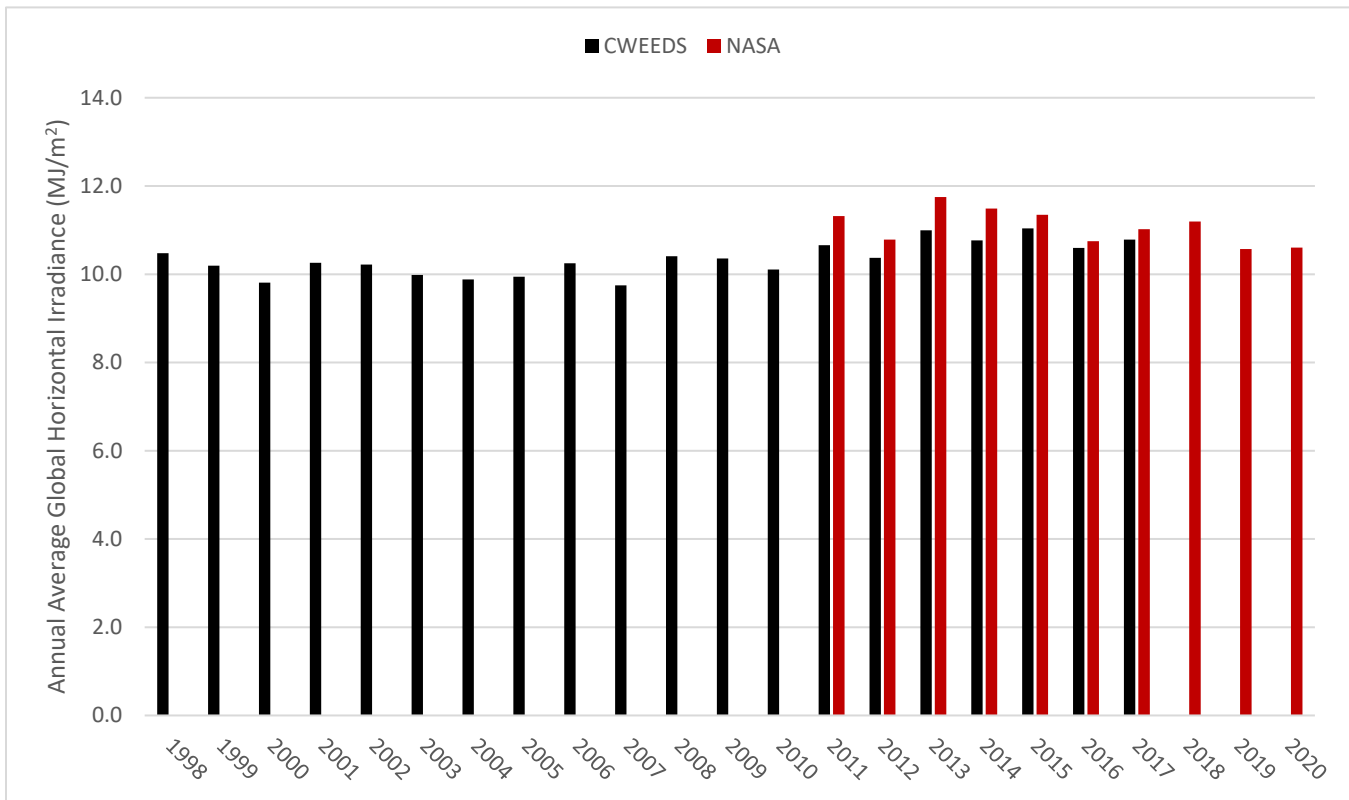
Table 5: Measured Relative Humidity at Key Lake, SK (2011-2020)

Year	Station 4063753	Station 4063757
2011	74.8	73.4
2012	72.6	74.0
2013	70.1	70.8
2014	70.8	72.7
2015	69.6	71.9
2016	71.4	75.0
2017	69.9	73.9
2018	69.6	73.5
2019	70.7	75.1
2020	73.4	77.1
<b>Average</b>	<b>71.0</b>	<b>73.7</b>

## 2.6 SOLAR RADIATION

Solar radiation, or solar irradiance, is a measure of the radiant energy from the sun on a horizontal surface and is measured in watts per square metre ( $W/m^2$ ) and may be integrated over time to provide the radiant energy being emitted to the environment in units of joules per square metre ( $J/m^2$ ). Solar radiation is not included in the meteorological measurement datasets available for Key Lake from ECCC; however, ECCC has compiled *Canadian Weather Energy and Engineering Datasets (CWEEDS)*, which include data from direct observation (where available) and data derived from polar-orbiting meteorological satellites to fill any data gaps [5]. The most recent CWEEDS database at the time that this assessment was completed includes the period from 1998-2017 and includes a Key Lake dataset. The technical documentation for the CWEEDS database indicates that the Key Lake data is based on observations [6]. The datasets are partly compiled using information from the NASA POWER Project, which was used to obtain data for the 2011-2020 period. The data are presented in Figure 3. The annual average of the CWEEDS data (1998-2017) was  $10.3 MJ/m^2$ . The NASA data, which are not based on directly observed data at Key Lake, trended higher than the CWEEDS data. The annual average of the NASA data for the period of 2011-2020 was  $11.1 MJ/m^2$ .

Figure 3: Solar Radiation at Key Lake, SK (1998-2020)



## 2.7 WEATHER PHENOMENON

### 2.7.1 Extreme Weather Conditions

Extreme weather conditions include extreme precipitation, extreme temperatures, and extreme winds. As noted previously, the extreme maximum temperature for the period of 2011-2020 was 34°C, compared to 36°C for the climate normals at Key Lake, and the extreme minimum temperature for the period of 2011-2020 was -48.3°C, compared to -52.5°C for the climate normals. The greatest amount of total precipitation in a 24-hour period was 45.9 mm, which was recorded at station 4063753 and occurred on August 8<sup>th</sup>, 2020, while the maximum 24-hr precipitation from the climate normals was 72 mm, which occurred on July 12<sup>th</sup>, 1998. The maximum hourly wind speed was 57 km/hr, detected at station 4063757 on March 14<sup>th</sup>, 2012, at 11:00 am. The maximum hourly wind speed from the climate normals (1981-2010) was 60 km/hr, which was measured on April 20<sup>th</sup>, 1985.

### 2.7.2 Lightning

According to statistics on lightning activity in Canadian cities maintained by ECCC [7], the region around Key Lake experiences approximately 20.9 days per year with lightning on average. The total number of cloud-to-ground

lightning flashes observed within 25 km of Key Lake between 1999 and 2018 was 9,120. Key Lake is the northernmost site where observations have been logged by ECCC. The next closest location is La Ronge, approximately 250 km south of Key Lake, which experiences an average of 28.8 days per year with lightning, and 17,937 total lightning flashes observed between 1999 and 2018.

**Table 6: ECCC Lightning Activity in Canadian Cities (SK) (1999-2018)**

City	Total cloud-to-ground lightning flashes from 1999 to 2018	Average number of days with lightning (within 25 km)
Estevan	54,025	33.7
<b>Key Lake</b>	<b>9,120</b>	<b>20.9</b>
La Ronge	17,937	28.8
Moose Jaw	32,112	31.0
North Battleford	21,061	28.0
Prince Albert	23,461	28.2
Regina	32,853	30.1
Saskatoon	22,340	27.0
Swift Current	26,437	31.0
Yorkton	32,249	29.4

### 2.7.3 Temperature Inversions

Temperature inversions occur when the air at the surface is cooler than the air above it, which is the reverse of the typical situation in which the upper air is cooler than the air at ground level. Temperature inversions are known to trap air pollutants at ground level, as the layer of warm air acts as a barrier to dispersion. Similarly, temperature inversions cause sound waves to bend back down toward the surface rather than radiating freely in all directions, resulting in sound travelling further than it would under normal conditions. In order to quantify the number of temperature inversions per year, it would be necessary to have measured temperatures at two heights (or more) for comparison; however, the meteorological data at Key Lake is measured at only one height. It should be noted however that the air quality modelling accounts for atmospheric stability, with stable atmospheric conditions tending to produce inversions and result in poorer air quality. When the meteorological data is processed in the model, atmospheric stability is identified by Pasquill stability class, ranging through six categories from unstable, through neutral, to stable. Similarly, the noise model has been developed such that predictions are valid for a moderate temperature inversion and can be adjusted if it is expected that there is a possibility of a regular temperature inversion (e.g., large body of water between the source and receptor).

#### 2.7.4 Fog

Fog is generally defined as suspended water droplets in the air that lead to a reduction in visibility to less than 1 km. Visibility is tracked at the Key Lake meteorological station that is operated by NAVCAN (4063757). The data from 2011-2020 was analyzed to calculate the annual number of hours and days that visibility was reduced to less than 1 km. The results are summarized in Table 7. On average there were 51.4 hours with visibility at less than 1 km between 2011-2020, and 20.2 days per year with fog occurring. The total number of fog days ranged from 11 in 2015 to 27 in 2019.

**Table 7: Estimated Hours and Days with Fog at Key Lake, SK (2011-2020)**

Year	Fog Hours	Fog Days
2011	73	25
2012	53	22
2013	26	14
2014	51	22
2015	29	11
2016	61	24
2017	53	18
2018	54	16
2019	58	27
2020	56	23
<b>Average</b>	<b>51.4</b>	<b>20.2</b>

#### 2.7.5 Tornadoes

Tornadoes in Canada are tracked by ECCC and logged in the Canadian National Tornado Database [8]. The most current database collects records of the 30-year period between 1980 and 2009. Tornadoes are most frequently reported across two main bands: from southern Alberta to northwestern Ontario (includes southern Saskatchewan and southern Manitoba), and from southern Ontario to New Brunswick (via southern Quebec). This dataset indicates that an average of 61.3 tornadoes are reported in Canada per year, and Saskatchewan has the highest incidence of tornado reports at 17.6 per year. A map of the locations of reported tornados in Canada is provided in Figure 4 [8]. This shows that the majority of reported tornadoes in Saskatchewan largely occur south of Prince Albert, which marks the approximate transition in land geography from the characteristic prairie lands in the south to boreal forest in the north. Tornado activity reported in the boreal forest areas of

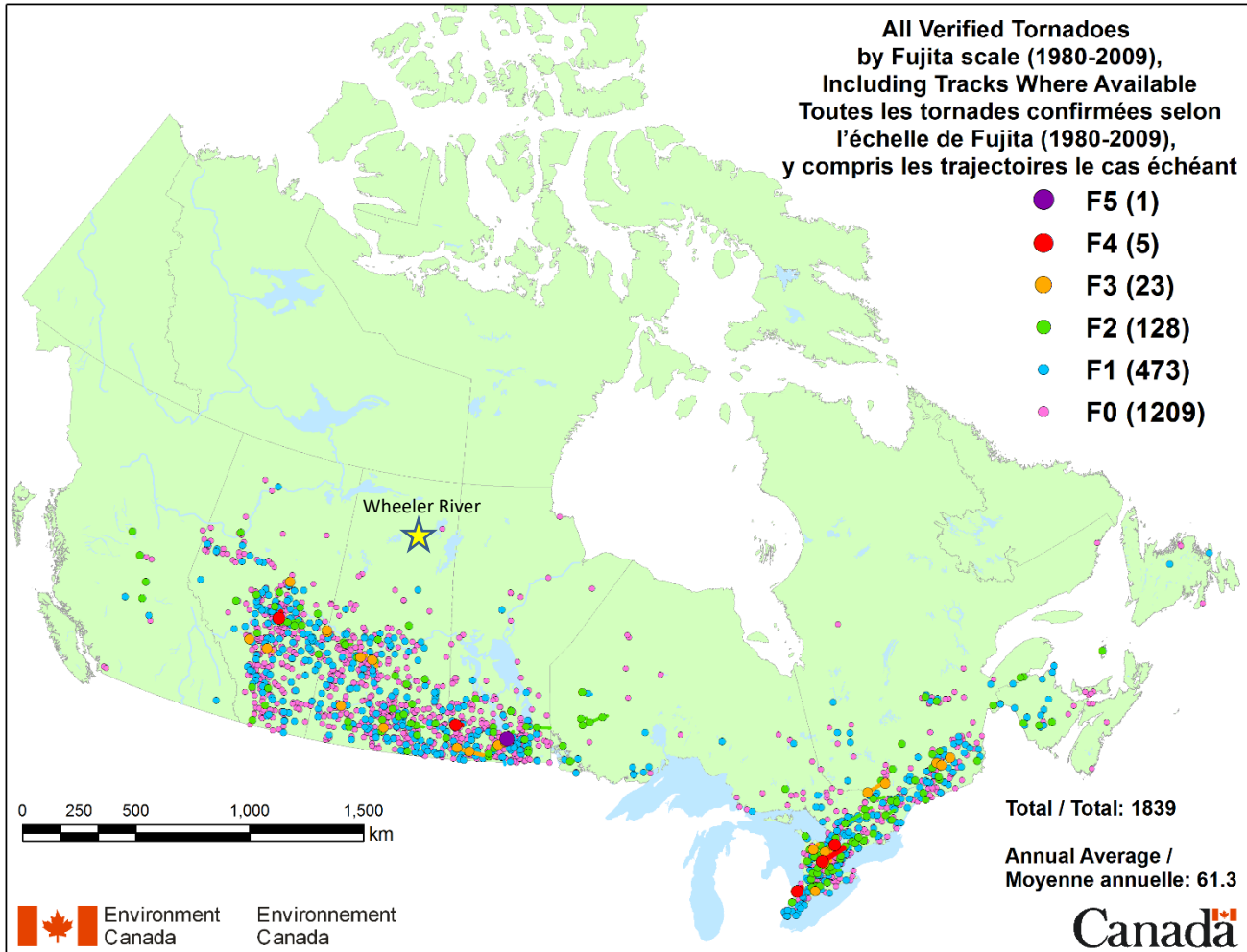


Saskatchewan is rare; however, this may have to do with lower population density resulting in under-reporting of tornado activity. Of the 529 tornadoes that were reported in Saskatchewan over the period of 1980-2009, only 15 (2.8%) were located above the 54<sup>th</sup> parallel.

Canada uses the Enhanced Fujita (EF) scale to categorize tornadoes by strength, with six categories defined by ranges of wind speed and propensity to cause damage. F0 is a relatively weak tornado with winds between 90-130 km/hr, and F5 is considered to be devastating with winds exceeding 315 km/hr. Of the 529 tornadoes that were reported in Saskatchewan over the period of 1980-2009, 73% were F0, 22% were F1, 4% were F2, and 1% were F3. There were no F4 or F5 tornadoes reported in Saskatchewan over this period. There were three (3) tornadoes reported within a 250 km radius of the Wheeler River site over the 1980-2009 period with the closest being an F0 tornado at Wollaston Lake (150 km away) in July 1991. In July 2000, an F1 tornado was reported at Guncoat Bay, 225 km to the south of Wheeler River and an F0 tornado was reported at Besnard Lake, 235 km to the south of Wheeler River.

Based on the above, the baseline frequency and severity of tornadoes in the Regional Study Area is very low, with no tornadoes reported within 150 km of the Project site in the 30-year period from 1980-2009, and those reported as being nearest to the site being of the lowest EF rating. The baseline tornado activity for the Site and Local Study Areas will be the same as that for the Regional Study Area, as tornadoes are a regional phenomena and incidence would not be expected vary greatly across small distances.

Figure 4: Verified Tornadoes in Canada (1980-2009)



### 3.0 FUTURE CLIMATE

In order to evaluate how the climate at the Wheeler River site may change in the future, estimations of key climate parameters out to the year 2100 have been completed using RCP trajectory analysis in accordance with methods adopted by the IPCC and outlined in the IPCC Synthesis Report AR5 [9]. Three future climate scenarios have been evaluated in accordance with this method:

- **RCP 2.6:** Stringent mitigation scenario (emissions strongly declining)
- **RCP 4.5:** Intermediate scenario (emissions slowly declining)
- **RCP 8.5:** High GHG emissions (emissions increasing)

RCP 2.6 assumes that carbon emissions reduce to zero by the end of the century, while RCP 4.5 reflects a scenario in which global carbon emissions stabilize by the end of the century. RCP 8.5 assumes that global carbon emissions are still increasing by the end of the century, and not stabilize until 2250. Predictions for the various RCP scenarios include a median and a likely range. For purposes of plotting and presenting the data, the median values have been used. RCP data sets have been generated for various locales across Canada by the Computer Research Institute of Montréal (CRIM), with financial support from ECCC [10]. Key parameters from the data set generated for Key Lake are presented in the following sections, which have been reduced to show changes by decade. The plots provided in Appendix A and B include the full annual data sets.

#### 3.1 TEMPERATURE

The historic temperature data at the site has been discussed in Section 2.1, and the mean daily temperatures have been included in the future projections for reference with the modelled RCP data. The measured mean daily temperature at the Key Lake site from 2011 to 2020 was 2.6°C, with a mean daily maximum and minimum temperatures of 3.3°C and -8.6°C, respectively. Each of the RCP projections shown in Table 8 predict that the mean daily temperatures will be above 0°C by 2100, with actual predicted increases (from 2011-2020 average to 2100) of +1.4°C for RCP 2.6, +2.5°C for RCP 4.5, and +6.1°C for RCP 8.5. The increments for the mean daily maximums and minimums are similar.

In addition to the daily means, the extreme maximum and minimum temperature projections were also compared with the current conditions and summarized in Table 9. Section 2.1, the extreme maximum temperature from 2011-2020 was 34°C, while the extreme minimum was -48.3°C. The RCP projections show these each warming, with the change to the extreme minimum temperature being more pronounced than the predicted overall change to the extreme maximum temperature. In the RCP 2.6 scenario, the extreme minimum is predicted to increase by +3.1°C, while the extreme maximum is not predicted to change. The RCP4.5 and 8.5 scenarios predict that the extreme minimum will increase by +4.7°C and +12.5°C, respectively, while the predictions for the extreme maximum for these scenarios are +1.7°C and +6.3°C, respectively.

**Table 8: Existing and Predicted Daily Mean Temperature Data for Key Lake**

Year	Mean Daily Temperature (°C)				Mean Daily Maximum Temperature (°C)				Mean Daily Minimum Temperature (°C)			
	Measured	RCP 2.6	RCP 4.5	RCP 8.5	Measured	RCP 2.6	RCP 4.5	RCP 8.5	Measured	RCP 2.6	RCP 4.5	RCP 8.5
2011-2020	-2.6	-0.93	-1.1	-0.81	3.3	4.5	4.3	4.5	-8.6	-6.4	-6.5	-6.2
2030		-0.57	-0.77	0.12		4.9	4.9	5.4		-6.0	-6.4	-5.3
2040		-0.26	-0.09	0.33		5.2	5.2	5.7		-5.6	-5.4	-5.0
2050		0.11	-0.01	1.4		5.5	5.3	6.7		-5.5	-5.4	-4.0
2060		0.06	0.57	2.0		5.5	5.9	7.2		-5.3	-4.8	-3.3
2070		-0.03	1.3	2.9		5.3	6.6	7.9		-5.4	-4.1	-2.2
2080		0.05	1.3	3.7		5.4	6.7	9.1		-5.3	-4.2	-1.5
2090		-0.25	1.8	4.5		4.9	6.9	9.5		-5.3	-3.5	-0.5
2100		0.42	1.3	5.3		6.0	6.9	10.3		-5.0	-4.5	0.3
<b>Overall Increase:</b>		<b>1.3</b>	<b>2.5</b>	<b>6.1</b>		<b>1.4</b>	<b>2.6</b>	<b>5.8</b>		<b>1.4</b>	<b>2.0</b>	<b>6.5</b>

**Table 9: Existing and Predicted Extreme Temperature Data for Key Lake**

Year	Coldest Day (°C)				Hottest Day (°C)			
	Measured	RCP 2.6	RCP 4.5	RCP 8.5	Measured	RCP 2.6	RCP 4.5	RCP 8.5
2011-2020	-48.3	-41.5	-41.3	-41.3	34.0	31.6	31.6	31.6
2030		-39.7	-39.6	-38.7		31.7	32.0	31.8
2040		-39.0	-39.1	-38.4		31.3	31.9	32.0
2050		-38.3	-38.3	-36.0		31.6	32.8	34.2
2060		-39.1	-37.5	-35.1		31.7	32.7	34.4
2070		-39.5	-36.6	-31.9		32.8	33.0	34.6
2080		-39.4	-37.0	-30.6		31.9	33.1	35.7
2090		-39.0	-35.4	-30.5		31.4	33.6	37.8
2100		-38.4	-36.6	-28.8		31.6	33.3	37.8
<b>Overall Increase:</b>		<b>3.1</b>	<b>4.7</b>	<b>12.5</b>		<b>0.0</b>	<b>1.7</b>	<b>6.3</b>

Predictions for other parameters of interest, such as days with temperatures above and below given thresholds, days of first spring frost and last fall frost, as well as the length of the frost-free season, are provided as plots in Appendix A.

### 3.2 PRECIPITATION

The historic precipitation data and normals at the Key Lake site are summarized in Section 2.2, and the RCP predictions are compared to this data in Table 10 for annual total precipitation and maximum daily precipitation. On average, approximately 455 mm of annual precipitation was measured over the period of 2011-2020, and the maximum amount that fell in one day over that period was 48.3 mm. In terms of annual totals, the RCP projections show little difference between the RCP 2.6 and RCP 4.5 scenarios, with predicted increases of +28 mm and +26 mm, respectively, between 2011-2020 and 2100. The RCP 8.5 scenario predicts an increase in annual total precipitation of 51 mm. In terms of maximum single day precipitation events, the predicted changes are more moderate, with the RCP 2.6 and RCP 4.5 scenarios predicting small reductions to the current levels of -6 mm and -2 mm, respectively, by 2100. The RCP 8.5 scenario predictions indicate a minor increase of +1 mm by 2100.

**Table 10: Existing and Predicted Precipitation Data for Key Lake**

Year	Total Annual (mm)				Maximum 1-day (mm)			
	Measured	RCP 2.6	RCP 4.5	RCP 8.5	Measured	RCP 2.6	RCP 4.5	RCP 8.5
2011-2020	455	518	509	508	48	29	27	27
2030		528	503	537		27	24	26
2040		487	498	514		28	29	24
2050		504	524	520		26	29	33
2060		513	515	523		26	33	26
2070		527	534	568		29	31	28
2080		539	551	547		30	33	28
2090		543	545	548		31	32	35
2100		546	535	559		23	25	28
<b>Overall Increase:</b>		<b>28</b>	<b>26</b>	<b>51</b>		<b>-6</b>	<b>-2</b>	<b>1</b>

Predictions for other parameters of interest, such as days with precipitation exceeding given thresholds, and days of consecutive precipitation events, are provided as plots in Appendix B.

## 4.0 GREENHOUSE GAS EMISSIONS

The discussion in Section 3.0 provides projections of climate parameters associated with temperature and precipitation. Another indicator of climate change is the emission of Greenhouse Gases (GHGs). Estimating GHG emissions for a proposed development allows for tracking of climate change commitments made by the Government of Canada. To assist in developing emissions estimates, the ECCC have developed a draft technical guide, *Draft Technical Guide Related to the Strategic Assessment of Climate Change* [11] (SACC Report). The types of emissions covered in the SACC Report include Direct GHG Emissions (e.g., from combustion sources), Acquired Energy GHG Emissions (e.g., emissions attributable to the generation of electricity acquired from a third party), and Avoided Domestic GHG Emissions. Avoided Domestic GHG Emissions are related to reduction or elimination of GHG Emissions due to a project. This assessment focuses on the emissions generated by the project, and so only Direct and Acquired Energy GHG Emissions have been estimated.

### 4.1 DIRECT GREENHOUSE GAS EMISSIONS

Direct GHG Emissions are emissions generated by the project activities. For the Wheeler River Project these pertain to stationary and mobile combustion sources and emissions due to land use change (i.e., removing vegetation to develop the Project Area). These are discussed in the following sections.

#### 4.1.1 Combustion Sources

The combustion source types that are relevant to the Project include:

- On-road mobile sources (trucks and vans that utilize roadways),
- Off-road mobile sources (heavy equipment such as graders and dozers), and
- Stationary sources (generators and propane heating).

Per the SACC Report, the calculation of combustion emissions utilizes emission factors that estimate the amount of GHG emissions per unit volume of fuel used (e.g., g/L), and these emission factors vary by the source type and the fuel type. These emission factors are then multiplied by the amount of fuel used over one year, for each source type, to arrive at an annual quantity of emissions per source. The recommended emission factors for combustion are provided in the *National Inventory Report 1990–2019: Greenhouse Gas Sources and Sinks in Canada* [12] (the NIR), and include emissions of carbon dioxide (CO<sub>2</sub>), nitrous oxide (N<sub>2</sub>O), and CH<sub>4</sub>. Global Warming Potential (GWP) factors are then used to quantify the total emissions in terms of equivalent emissions of CO<sub>2</sub> (CO<sub>2</sub>e). The GWP factors are referenced by ECCC for use in these calculations are from the IPCC Fourth Assessment Report [13].

Information provided by Denison on vehicle usage and associated fuel consumption were used to calculate the annual amounts of fuel used for each source type and each phase of operations (Construction, Operations, and Decommissioning). The emission factors applied in the assessment, the fuel types and quantities, and the calculated emissions are detailed in Appendix C. A summary of the emissions associated with the combustion sources are provided in Table 11.

Table 11: Combustion GHG Emissions

Source	Scenario	Emissions (tonne/year)			
		CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
100-year Global Warming Potential (GWP) <sup>(1)</sup> :		1	25	298	
On-Road Mobile Combustion	Construction	1,560	0.07	0.08	1,586
	Operations	541	0.02	0.03	551
	Decommissioning	357	0.01	0.02	363
Off-Road Mobile Combustion	Construction	6,507	0.18	0.55	6,676
	Operations	3,119	0.08	0.26	3,200
	Decommissioning	3,485	0.09	0.30	3,575
Stationary Combustion	Construction	18,570	0	0	18,647
	Operations	8,092	0	1	8,251
	Decommissioning	20,952	0	0	21,081

#### 4.1.2 Land Use Change

The Project involves clearing an area of approximately 169.6 hectares, which is currently vegetated to varying degrees, for the site infrastructure (the Project Area). ECCC recommends following guidance in the NIR and IPCC *Intergovernmental Panel on Climate Change Guidelines for National Greenhouse Gas Inventories*, Volume 4 [14] (the IPCC Guidelines). The calculation involves identifying the current coverage of the planned area that is to be changed and assigning a carbon stock value based on a number of parameters such as the above-ground mass of the vegetation, and the estimated carbon content. The relevant equations are provided in Chapter 2 of the IPCC Guideline, and the SACC Report provides a summary of the calculation approach in Annex B [11].

For calculations in which the land use is changing from a disturbed area to a developed, built-up area such as an industrial site, it is assumed that there will be no biomass on the developed land after the change, and no growth of biomass on the land over the time it remains developed. The current vegetative cover of the Project Area was derived from the EIS, Chapter 9.2 Terrestrial Environment – Vegetation and Ecosystems, Listed Plant Species and Wetlands [15]. According to Table 9.2-5 of the EIS, the vegetation within in the LSA is primarily made up of low and tall shrubs, young forest, and mature forest [15]. These make up approximately 90% of the LSA, and it was assumed that the full Project Area was similarly vegetated. The ratio of the area of forested lands and shrub-covered lands were applied to the 169.6 hectares that comprise the Project Area. While the approach in the SACC Report identifies that site-specific information on the above-ground mass of the vegetation species must be used, this data was not available, and so default data from Table 20 of the SAC Report were applied [11]. Per Table 20 of the SACC Report, the carbon stock for trees and shrubs in the boreal

plains regions of Saskatchewan are 32 and 1.5 tonnes of carbon per hectare, respectively [11]. The carbon content in the identified biomass was also not available as a site-specific value, and so a median value of 0.51 was selected from Table 4.3 of the IPCC Guide (Volume 4), which pertains to boreal domains, and conifer type vegetation [14]. The full calculation is provided in Appendix C. The summary of the carbon stock in the biomass identified, and the equivalent CO<sub>2</sub> emissions are summarized in Table 12. Note that the emissions associated with the change in land use only apply to the first year of the Construction phase.

**Table 12: Land Use Change GHG Emissions**

Source	Scenario	Annual Change in Carbon Stock associated with Land Conversion (Tonnes C/yr)	Emissions of CO <sub>2</sub> Equivalent (Tonnes CO <sub>2</sub> e/yr)
Land Use Change	Construction	1,126	4,130
	Operations	0	0
	Decommissioning	0	0

#### 4.2 ACQUIRED ENERGY GREENHOUSE GAS EMISSIONS

During the Operations phase of the Project, Denison will be acquiring power from the Provincial grid (SaskPower) to provide electricity to the site. In accordance with SACC, the GHG emissions associated with the generation of that electricity are to be accounted for in the emissions inventory. According to the Prefeasibility Study, the annual power demand at the site is expected to be 46,252,800 kWh. The SACC report recommends the use of Emission Intensity (EI) projections, which predict future emissions of CO<sub>2</sub> equivalent per GWh of electricity generated. Annex C of the SACC report provides projections of EI values by province out to 2030. The maximum value for Saskatchewan of 404.3 tonnes CO<sub>2</sub>e per GWh was conservatively used in the assessment. The calculation is simply the power demand for the Project (46.3 GWh) multiplied by the EI of 404.3, for a total emission of 18,700 tonnes CO<sub>2</sub>e/year. It should be reiterated that this applies only to the Operations years, as noted above, during Construction and Decommissioning the power will be provided using diesel generators. Based on the EI projections, the emissions total will trend downward over time due to policies and emission reduction measures.

#### 4.3 SUMMARY OF GHG EMISSIONS

The total maximum GHG emissions from each phase of the project, and each GHG emissions type are summarized in Table 13.



**Table 13: Summary of Total GHG Emissions**

Scenario	Emissions (tonne/year)			
	CO2	CH4	N2O	CO2e
<b>Direct GHG Emissions</b>				
CONST_Ann	30,767	0	1	31,039
OPS_Ann	11,752	0	1	12,002
DECOM_Ann	24,794	0	1	25,019
<b>TOTAL GHG Emissions</b>				
CONST_Ann				0
OPS_Ann				18,700
DECOM_Ann				0
<b>TOTAL GHG Emissions (CO2e/yr)</b>				
CONST_Ann	<b>Construction</b>			<b>31,039</b>
OPS_Ann	<b>Operations</b>			<b>30,702</b>
DECOM_Ann	<b>Decommissioning</b>			<b>25,019</b>

## 5.0 REFERENCES

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## **Appendix A:**

### **Future Temperature Predictions (RCP 2.6, 4.5 and 8.5)**





01/01/2023 0:00	2023	-1.38	-2.74	-0.28	-1.47	-3.89	-0.37	-1.32	-2.77	0.13
01/01/2024 0:00	2024	-1.37	-3.02	-0.47	-1.26	-2.08	0.18	-1.91	-2.99	-0.71
01/01/2025 0:00	2025	-1.83	-3.37	-0.62	-1.72	-2.93	-0.23	-1.99	-2.99	-0.29
01/01/2026 0:00	2026	-1.67	-3.42	-0.84	-1.28	-2.83	0.02	-1.47	-2.92	-0.51
01/01/2027 0:00	2027	-1.32	-3.69	0.13	-1.87	-2.67	0.05	-1.15	-3.17	0.28
01/01/2028 0:00	2028	-1.15	-3.33	-0.22	-1.34	-3.11	0.52	-1.26	-2.85	0.35
01/01/2029 0:00	2029	-1.57	-2.41	-0.01	-2.22	-3.73	-0.57	-1.03	-2.19	-0.1
01/01/2030 0:00	2030	-1.69	-2.88	-0.27	-1.8	-2.68	-0.69	-0.94	-2.17	0.19
01/01/2031 0:00	2031	-2.14	-3.27	-0.25	-1.35	-2.9	0.23	-1.37	-2.71	-0.67
01/01/2032 0:00	2032	-1.54	-3.27	0.19	-1.25	-3.65	0.35	-1.11	-2.59	-0.15
01/01/2033 0:00	2033	-1.83	-2.83	-0.16	-1.45	-2.73	0.86	-1.1	-2.04	0.78
01/01/2034 0:00	2034	-1.21	-2.17	0.28	-1.18	-2.05	0.27	-1.27	-2.83	1.85
01/01/2035 0:00	2035	-1.84	-3.05	-0.17	-1.77	-3.08	-0.15	-0.75	-2.34	0.51
01/01/2036 0:00	2036	-1.08	-2.81	0.44	-1.63	-2.37	0.24	-1.3	-2.59	0.14
01/01/2037 0:00	2037	-1.34	-3.48	0.13	-0.99	-2.51	0.43	-0.9	-2.13	1.43
01/01/2038 0:00	2038	-1.7	-2.77	-0.43	-1.38	-2.35	1.21	-0.66	-1.92	1.65
01/01/2039 0:00	2039	-1.28	-2.32	1.07	-1.66	-2.45	0.26	-1.06	-2.74	0.32
01/01/2040 0:00	2040	-1.35	-2.69	0.73	-1.15	-2.39	0.15	-0.74	-2.69	0.24
01/01/2041 0:00	2041	-0.89	-2.77	1.14	-0.94	-1.73	0.24	-0.52	-1.8	1.2
01/01/2042 0:00	2042	-1.32	-2.27	0.63	-1.09	-1.99	0.28	-0.73	-1.82	1.62
01/01/2043 0:00	2043	-1.28	-2.13	-0.01	-0.75	-2.19	1.85	-0.2	-2.52	1.88
01/01/2044 0:00	2044	-1.44	-3.02	-0.19	-0.59	-1.32	0.53	-0.16	-2.13	1.6
01/01/2045 0:00	2045	-1.28	-2.54	0.08	-0.47	-1.81	0.79	-0.26	-1.62	0.9
01/01/2046 0:00	2046	-1.35	-2.81	0.6	-1	-1.93	1.24	-0.24	-1.52	0.72
01/01/2047 0:00	2047	-1.06	-2.37	0.21	-0.67	-1.85	0.33	-0.09	-1.75	1.29
01/01/2048 0:00	2048	-1.05	-2.89	0.51	-1.04	-2.72	0.55	0.15	-1.64	1.72
01/01/2049 0:00	2049	-1.12	-2.46	0.1	-0.4	-2.16	0.85	0.23	-1.03	1.33
01/01/2050 0:00	2050	-0.99	-3.53	0.18	-1.03	-1.92	0.42	0.25	-1	1.7
01/01/2051 0:00	2051	-1.15	-2.65	0.67	-0.6	-1.85	1.01	0.18	-1.54	1.67
01/01/2052 0:00	2052	-1.49	-2.86	0.62	-0.39	-1.38	0.79	0.1	-2.2	1.98
01/01/2053 0:00	2053	-1.49	-2.48	0.2	-0.04	-2.59	0.95	0.67	-0.87	2.16
01/01/2054 0:00	2054	-1.47	-2.41	0.02	-0.65	-1.78	1.56	0.38	-1.69	1.37
01/01/2055 0:00	2055	-1.09	-2.37	0.75	-0.24	-2.46	1.53	1.22	-1.23	2.27
01/01/2056 0:00	2056	-0.77	-2.19	1.12	-0.31	-1.37	0.87	0.79	-0.65	2.45
01/01/2057 0:00	2057	-1.05	-3.01	0.41	-0.85	-2.19	0.8	0.86	-1.1	2.6
01/01/2058 0:00	2058	-1.17	-2.91	0.54	-0.14	-1.59	1.03	1.23	-0.44	2.34
01/01/2059 0:00	2059	-1.43	-2.48	1.3	-0.53	-2.16	0.81	0.95	-0.66	3.05
01/01/2060 0:00	2060	-0.82	-1.98	1.06	-0.38	-1.96	1.38	0.73	-1.17	3.42

01/01/2061 0:00	2061	-1	-2.5	0.62	-0.43	-1.45	0.85	0.6	-0.8	2.67
01/01/2062 0:00	2062	-0.41	-2.51	1.9	-0.66	-1.9	1.99	0.89	-0.24	3.06
01/01/2063 0:00	2063	-1.25	-3.07	0.38	-0.52	-1.91	2.68	1.83	-0.18	3.72
01/01/2064 0:00	2064	-1.11	-3.07	0.58	0.05	-1.27	1.18	1.41	-0.9	2.8
01/01/2065 0:00	2065	-1.18	-1.9	0.73	0.12	-1.49	1.63	1.31	-0.31	2.95
01/01/2066 0:00	2066	-1.21	-2.34	0.7	0.26	-1.02	2.12	1.32	-0.87	3.92
01/01/2067 0:00	2067	-1.26	-2.71	-0.42	0.38	-1.16	1.83	1.83	0.38	4.12
01/01/2068 0:00	2068	-1.23	-2.3	0.89	-0.14	-1.72	2.35	1.6	-0.19	4.21
01/01/2069 0:00	2069	-0.87	-2.54	0.44	-0.33	-2.01	1.57	2.36	0.72	3.67
01/01/2070 0:00	2070	-1.17	-2.34	0.66	0.17	-0.74	1.27	1.69	-0.13	4.2
01/01/2071 0:00	2071	-1.01	-2.79	1.1	0.28	-1.11	1.78	1.91	-0.42	3.98
01/01/2072 0:00	2072	-1.13	-3.02	0.26	0.16	-1.14	1.86	2.09	0.16	3.75
01/01/2073 0:00	2073	-1.67	-2.51	0.71	0.01	-2.18	1.8	2.14	0.33	4.74
01/01/2074 0:00	2074	-1.12	-2.03	0.29	-0.23	-1.79	1.54	2.31	0.06	4.46
01/01/2075 0:00	2075	-1.21	-2.52	0.33	0.47	-0.81	1.64	2.52	0.39	4.4
01/01/2076 0:00	2076	-0.54	-1.8	0.82	0.09	-1.6	1.21	2.33	0.75	4.79
01/01/2077 0:00	2077	-1.67	-2.93	-0.34	0.01	-1.66	2.54	2.76	0.87	5.09
01/01/2078 0:00	2078	-1.49	-2.64	0.12	0.67	-1.68	2.7	3.07	0.8	5.14
01/01/2079 0:00	2079	-1.03	-2.43	1.24	0.28	-1.32	2.49	3.05	0.93	4.68
01/01/2080 0:00	2080	-1.06	-2.22	0.54	0.19	-1.03	1.62	2.47	1.11	5.25
01/01/2081 0:00	2081	-1.63	-2.67	0.72	0.25	-0.84	1.76	2.42	1.62	5.56
01/01/2082 0:00	2082	-0.61	-1.8	0.09	0.27	-0.95	2.32	3.3	1.74	6.06
01/01/2083 0:00	2083	-1	-2.73	0.73	0.58	-1.72	2.37	3.8	1.04	5.23
01/01/2084 0:00	2084	-1.26	-2.46	0.49	0.74	-1.18	3.02	3.3	1.27	5.06
01/01/2085 0:00	2085	-1.46	-2.56	0.92	0.1	-1.92	2.62	3.36	0.87	5.62
01/01/2086 0:00	2086	-1.04	-1.88	0.86	0.33	-1.18	2.24	3.14	0.9	5.1
01/01/2087 0:00	2087	-1.39	-2.26	1.85	0.32	-1.59	1.79	3.73	1.49	5.14
01/01/2088 0:00	2088	-0.71	-1.7	1.48	0.15	-2	1.97	3.29	0.72	5.72
01/01/2089 0:00	2089	-0.56	-2.57	1.05	0.32	-1.28	2.8	3.48	1.38	6.09
01/01/2090 0:00	2090	-1.26	-2.97	0.41	0.72	-1.32	2.72	3.21	0.77	5.15
01/01/2091 0:00	2091	-1.29	-2.39	0.73	0.41	-0.85	1.96	3.83	2.31	7.42
01/01/2092 0:00	2092	-0.88	-2.52	0.67	0.16	-1.35	2.88	3.61	1.43	5.66
01/01/2093 0:00	2093	-1.4	-2.61	0.52	0.21	-1.12	1.7	3.75	1.37	6.36
01/01/2094 0:00	2094	-1.16	-2.58	-0.26	0.29	-1.46	2.57	4.07	1.48	5.57
01/01/2095 0:00	2095	-1.16	-2.48	0.69	0.27	-0.79	2.48	3.33	1.52	6.6
01/01/2096 0:00	2096	-1.41	-2.31	0.41	0.92	-0.72	1.95	4.11	1.34	6.65
01/01/2097 0:00	2097	-1.08	-2.34	0.36	0.36	-1.86	2.92	4.15	2.81	6.99
01/01/2098 0:00	2098	-1.57	-2.86	0.31	0.63	-1.28	2.44	4.57	1.85	6.77



01/01/2099 0:00 2099

-0.85 -2.32 0.96 0.72 -0.9 2.5 4.78 1.93 7.18

DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5 Range (high)
			Range (low)	Range (high)	Range (low)	Range (high)	Range (low)	Range (high)	Range (low)	
01/01/1950 0:00	1950	2.36	0.61	3.75						
01/01/1951 0:00	1951	1.91	0.6	3.15						
01/01/1952 0:00	1952	1.92	0.42	3.04						
01/01/1953 0:00	1953	1.67	0.33	2.42						
01/01/1954 0:00	1954	2.08	0.87	3.34						
01/01/1955 0:00	1955	1.94	0.59	3.45						
01/01/1956 0:00	1956	2.45	0.23	3.31						
01/01/1957 0:00	1957	1.39	0.23	3.14						
01/01/1958 0:00	1958	1.64	0.56	2.89						
01/01/1959 0:00	1959	1.73	-0.06	3.55						
01/01/1960 0:00	1960	2.03	0.54	3.18						
01/01/1961 0:00	1961	2.4	-0.04	3.38						
01/01/1962 0:00	1962	1.85	0.02	2.95						
01/01/1963 0:00	1963	1.66	0.39	2.66						
01/01/1964 0:00	1964	1.39	-0.59	2.32						
01/01/1965 0:00	1965	1.54	0.63	2.73						
01/01/1966 0:00	1966	1.83	0.64	3.45						
01/01/1967 0:00	1967	2.12	0.58	3.37						
01/01/1968 0:00	1968	1.55	0.57	2.92						
01/01/1969 0:00	1969	1.4	-0.17	2.41						
01/01/1970 0:00	1970	2.33	0.88	3.3						
01/01/1971 0:00	1971	1.85	0.5	3.45						
01/01/1972 0:00	1972	1.79	0.95	2.76						
01/01/1973 0:00	1973	2.1	0.22	3.39						
01/01/1974 0:00	1974	1.59	-0.33	3.16						
01/01/1975 0:00	1975	1.99	0.56	3.03						
01/01/1976 0:00	1976	1.94	0.48	3.05						
01/01/1977 0:00	1977	1.95	1.08	3.57						
01/01/1978 0:00	1978	2.14	1.47	2.68						
01/01/1979 0:00	1979	2.27	0.59	3.21						
01/01/1980 0:00	1980	1.66	0.44	2.88						
01/01/1981 0:00	1981	2.16	0.29	2.92						
01/01/1982 0:00	1982	1.57	0.23	2.74						
01/01/1983 0:00	1983	1.53	0.06	2.76						
01/01/1984 0:00	1984	2.53	0.94	3.62						
01/01/1985 0:00	1985	2.02	0.66	2.93						
01/01/1986 0:00	1986	1.6	0.33	3.73						

01/01/1987 0:00	1987	1.96	0.8	3.41									
01/01/1988 0:00	1988	2.14	0.56	3.23									
01/01/1989 0:00	1989	2.11	1.13	3.92									
01/01/1990 0:00	1990	1.86	0.44	4.01									
01/01/1991 0:00	1991	2.03	0.63	3.6									
01/01/1992 0:00	1992	1.98	0.86	2.97									
01/01/1993 0:00	1993	2.48	1.23	3.49									
01/01/1994 0:00	1994	2.21	0.73	3.63									
01/01/1995 0:00	1995	2.03	1.3	2.9									
01/01/1996 0:00	1996	1.97	0.96	3.2									
01/01/1997 0:00	1997	2.59	0.84	4.14									
01/01/1998 0:00	1998	1.95	1.3	3.57									
01/01/1999 0:00	1999	2.23	1.38	3.74									
01/01/2000 0:00	2000	2.71	1.42	4.1									
01/01/2001 0:00	2001	2.37	0.95	3.88									
01/01/2002 0:00	2002	2.88	1.16	3.94									
01/01/2003 0:00	2003	2.29	1.13	3.7									
01/01/2004 0:00	2004	2.71	1.43	4.38									
01/01/2005 0:00	2005	2.68	1.45	3.85	2.68	1.45	3.85	2.69	1.45	3.85	2.57	1.46	3.83
01/01/2006 0:00	2006				2.68	1.69	4.29	3.41	2.06	4.6	2.9	1.72	4.38
01/01/2007 0:00	2007				3.06	1.23	4.25	2.67	1.23	4.03	2.88	1.34	4.56
01/01/2008 0:00	2008				2.87	1.86	3.94	3.05	1.18	4.38	3	1.37	4.41
01/01/2009 0:00	2009				3.27	1.45	4.71	3	1.84	4.23	3.29	1.16	4.53
01/01/2010 0:00	2010				2.77	2.07	4.28	2.83	1.41	4.81	3.02	1.12	4.41
01/01/2011 0:00	2011				2.87	1.29	4.79	3.24	2.45	4.61	2.8	1.85	4.41
01/01/2012 0:00	2012				3.3	1.63	4.24	2.66	1.84	4.27	3.48	2.06	4.45
01/01/2013 0:00	2013				3.14	1.6	4.73	2.79	1.83	4.09	2.78	1.66	4.11
01/01/2014 0:00	2014				3.4	1.49	4.44	3.35	1.83	5.01	3.1	1.73	5.38
01/01/2015 0:00	2015				3.15	2.28	4.34	3.19	1.93	4.59	3.22	1.98	4.62
01/01/2016 0:00	2016				3.77	1.7	6.13	3.07	1.71	4.06	3.87	2.54	4.38
01/01/2017 0:00	2017				3.33	1.74	4.47	3.29	1.97	4.6	3.66	2.22	5.24
01/01/2018 0:00	2018				3.28	1.99	4.55	3.52	1.69	4.49	3.35	1.64	4.46
01/01/2019 0:00	2019				3.3	2.08	4.29	3.46	2.11	5.14	3.67	1.69	4.71
01/01/2020 0:00	2020				3.6	2.03	4.32	2.73	1.48	4.13	3.55	2.12	4.52
01/01/2021 0:00	2021				3.78	2	5.05	3.26	2.1	5.11	3.31	2.18	4.46
01/01/2022 0:00	2022				3.77	1.86	5.14	3.13	1.87	4.36	4.05	2.85	5.65
01/01/2023 0:00	2023				3.96	2.45	4.83	4.08	1.41	4.91	3.74	2.68	5.43
01/01/2024 0:00	2024				3.89	2.22	4.9	3.98	3.16	5.62	3.41	1.93	4.64
01/01/2025 0:00	2025				3.22	1.89	4.46	3.6	2.52	5.3	3.38	2.21	5.12
01/01/2026 0:00	2026				3.64	1.69	4.56	3.99	2.58	5.34	3.73	2.27	5.2

01/01/2027 0:00	2027	3.76	1.61	5.58	3.55	2.48	5.03	4.09	1.99	5.5
01/01/2028 0:00	2028	4.17	2.03	5.36	3.92	2.36	5.78	3.92	2.58	5.26
01/01/2029 0:00	2029	3.85	2.67	5.07	2.99	1.27	4.65	3.94	3.07	5.22
01/01/2030 0:00	2030	3.67	2.41	5.07	3.55	2.57	4.84	4.32	3.14	5.28
01/01/2031 0:00	2031	3.26	2.02	5.09	3.8	2.42	5.53	3.94	2.52	4.56
01/01/2032 0:00	2032	3.6	2.1	5.61	4	1.38	5.57	3.92	2.92	4.87
01/01/2033 0:00	2033	3.64	2.18	4.88	3.86	2.57	6.07	3.98	3.14	6.15
01/01/2034 0:00	2034	3.98	3.13	5.65	4.15	2.84	5.61	3.87	2.34	7.01
01/01/2035 0:00	2035	3.32	2.16	5.03	3.74	2.38	5.08	4.49	3.02	5.94
01/01/2036 0:00	2036	4.18	2.41	5.58	3.58	2.73	5.6	3.84	2.83	5.15
01/01/2037 0:00	2037	3.9	1.77	5.04	4.41	2.69	5.77	4.44	3.15	6.72
01/01/2038 0:00	2038	3.56	2.43	4.98	4.04	2.53	6.44	4.44	3.3	6.63
01/01/2039 0:00	2039	3.79	2.84	6.39	3.66	2.89	5.55	4.26	2.31	5.46
01/01/2040 0:00	2040	4.04	2.42	5.74	4.02	2.76	5.56	4.54	2.18	5.59
01/01/2041 0:00	2041	4.44	2.71	6.26	4.19	3.37	5.49	4.65	3.34	6.1
01/01/2042 0:00	2042	3.76	2.91	6.24	4.09	2.96	5.56	4.39	3.24	6.81
01/01/2043 0:00	2043	3.95	3.07	5.3	4.48	3.22	7.19	5.04	2.75	7.18
01/01/2044 0:00	2044	3.86	2.19	5.01	4.54	3.81	5.82	4.82	2.99	6.73
01/01/2045 0:00	2045	3.89	2.71	5.56	4.82	3.12	5.84	4.38	3.39	6.07
01/01/2046 0:00	2046	4.09	2.58	5.7	4.22	2.96	6.63	4.83	3.4	5.98
01/01/2047 0:00	2047	3.86	2.97	5.61	4.35	3.41	5.66	5.14	3.45	6.19
01/01/2048 0:00	2048	4.22	2.26	5.5	4.09	2.46	5.64	5.2	3.3	7.34
01/01/2049 0:00	2049	4.29	2.74	5.13	4.73	2.64	6.08	5.32	3.96	6.65
01/01/2050 0:00	2050	4.24	1.82	5.46	4.08	3.19	5.71	5.5	3.97	6.85
01/01/2051 0:00	2051	4.15	2.52	5.55	4.65	3.27	6.14	5.47	3.33	6.73
01/01/2052 0:00	2052	3.82	2.52	5.96	4.63	3.68	6.27	5.32	2.8	6.83
01/01/2053 0:00	2053	3.79	2.78	5.09	5.05	2.33	6.09	5.57	4.17	7.5
01/01/2054 0:00	2054	3.89	2.62	5.29	4.52	3.34	6.3	5.31	3.64	6.5
01/01/2055 0:00	2055	4.38	2.8	6.06	4.77	2.91	6.63	6.11	4.07	7.52
01/01/2056 0:00	2056	4.46	3.06	6.06	4.79	3.61	6.48	5.98	4.25	7.66
01/01/2057 0:00	2057	4.21	2.32	5.49	4.38	2.88	6.08	6.1	4.02	7.22
01/01/2058 0:00	2058	4.03	2.2	6.04	5.13	3.42	6.43	6.11	4.96	7.63
01/01/2059 0:00	2059	3.71	2.88	6.14	4.59	2.85	6.51	6.05	4.39	8.35
01/01/2060 0:00	2060	4.42	3.22	6.43	4.81	3.12	6.57	5.88	3.85	8.49
01/01/2061 0:00	2061	4.19	2.74	5.55	4.6	3.76	6.6	5.76	4.29	7.87
01/01/2062 0:00	2062	4.55	2.79	7.16	4.89	3.13	6.92	5.95	4.66	7.79
01/01/2063 0:00	2063	3.67	2.2	5.35	4.71	3.27	7.13	6.97	4.81	8.84
01/01/2064 0:00	2064	3.88	2.16	5.68	5.3	3.75	6.26	6.56	4.24	8.08
01/01/2065 0:00	2065	3.99	3.04	5.81	5.1	3.58	6.85	6.34	4.92	8.15
01/01/2066 0:00	2066	4.03	2.65	5.68	5.51	4.08	7.33	6.85	4.2	9.06

01/01/2067 0:00	2067	3.89	2.39	4.93	5.29	4.17	7.13	6.95	5.07	9.18
01/01/2068 0:00	2068	4.05	2.78	6.28	4.95	3.25	7.54	6.55	4.72	9.47
01/01/2069 0:00	2069	4.3	2.82	5.86	5.09	3.18	6.68	7.23	5.74	8.65
01/01/2070 0:00	2070	3.8	2.97	6.04	5.28	4.49	6.53	6.71	4.79	9.22
01/01/2071 0:00	2071	4.13	2.18	6.15	5.44	4.06	6.96	7.14	4.84	8.9
01/01/2072 0:00	2072	3.9	2.23	5.39	5.1	3.89	6.94	7.14	5.23	8.88
01/01/2073 0:00	2073	3.55	2.7	5.96	5.33	2.69	7.38	7.29	4.94	9.57
01/01/2074 0:00	2074	4.1	3.14	5.49	4.79	3.1	6.83	7.45	4.6	9.73
01/01/2075 0:00	2075	4.02	2.19	5.76	5.31	4.1	6.7	7.64	5.2	9.22
01/01/2076 0:00	2076	4.47	3.53	6.44	5.28	3.81	6.42	7.64	5.55	9.77
01/01/2077 0:00	2077	3.5	2.23	5.01	5.2	3.56	7.4	8.01	5.85	9.78
01/01/2078 0:00	2078	3.86	2.41	5.14	5.84	3.16	7.65	7.84	5.58	10.21
01/01/2079 0:00	2079	4.15	3	6.54	5.29	3.68	7.75	7.98	5.59	9.9
01/01/2080 0:00	2080	4.34	2.89	6.34	5.6	4.09	6.93	7.89	5.88	9.88
01/01/2081 0:00	2081	3.65	2.54	5.9	5.25	4.14	6.73	7.58	6.49	10.45
01/01/2082 0:00	2082	4.61	3.58	5.19	5.5	3.8	7.23	8.65	6.57	11.02
01/01/2083 0:00	2083	4.08	2.31	6	5.48	3.28	7.45	8.62	5.75	10.36
01/01/2084 0:00	2084	3.98	2.96	5.7	5.91	3.8	7.99	8.1	5.79	10.43
01/01/2085 0:00	2085	3.91	2.57	6.09	5.16	2.9	7.67	8.17	5.57	10.48
01/01/2086 0:00	2086	4.04	3.17	6.26	5.31	3.79	7.47	8.2	5.46	10.68
01/01/2087 0:00	2087	3.81	3	6.91	5.45	2.93	7.34	8.67	6.33	10.31
01/01/2088 0:00	2088	4.6	3.5	6.91	5.12	2.93	7.25	8.31	5.49	10.68
01/01/2089 0:00	2089	4.63	2.72	6.54	5.63	3.76	7.47	8.34	6.17	11.02
01/01/2090 0:00	2090	3.67	2.17	5.6	5.73	3.83	7.83	7.98	5.81	10.24
01/01/2091 0:00	2091	3.9	2.67	6.07	5.39	4.26	7.17	8.74	6.88	12.7
01/01/2092 0:00	2092	4.63	2.53	5.78	5.17	3.64	8.11	8.68	6	10.85
01/01/2093 0:00	2093	3.89	2.62	5.75	5.32	3.82	6.95	8.77	5.92	11.28
01/01/2094 0:00	2094	3.98	2.58	5.27	5.42	3.33	7.47	9.09	6.53	10.73
01/01/2095 0:00	2095	3.95	2.81	5.88	5.52	3.98	7.96	8.39	6.06	11.63
01/01/2096 0:00	2096	3.87	2.71	5.46	6.04	4.3	7.22	9.01	6.22	11.7
01/01/2097 0:00	2097	4.39	2.85	5.88	5.46	3.1	8.17	9.42	7.57	11.55
01/01/2098 0:00	2098	3.49	2.36	5.72	5.56	3.82	7.38	9.63	6.55	11.8
01/01/2099 0:00	2099	4.33	2.7	5.9	5.74	3.76	7.69	9.85	6.65	11.95



01/01/1984 0:00	1984	-9.71	-7.15									
01/01/1985 0:00	1985	-10.6	-8.06									
01/01/1986 0:00	1986	-10.32	-7.09									
01/01/1987 0:00	1987	-9.83	-7.14									
01/01/1988 0:00	1988	-9.87	-7.66									
01/01/1989 0:00	1989	-9.24	-7.31									
01/01/1990 0:00	1990	-9.71	-6.99									
01/01/1991 0:00	1991	-9.64	-7.38									
01/01/1992 0:00	1992	-9.91	-7.27									
01/01/1993 0:00	1993	-10.05	-7.23									
01/01/1994 0:00	1994	-9.67	-7									
01/01/1995 0:00	1995	-9.62	-7.51									
01/01/1996 0:00	1996	-9.65	-7.44									
01/01/1997 0:00	1997	-10.02	-6.33									
01/01/1998 0:00	1998	-9.62	-6.86									
01/01/1999 0:00	1999	-9.23	-6.88									
01/01/2000 0:00	2000	-9.16	-6.72									
01/01/2001 0:00	2001	-9.51	-6.55									
01/01/2002 0:00	2002	-9.66	-6.22									
01/01/2003 0:00	2003	-9.16	-6.81									
01/01/2004 0:00	2004	-8.92	-6.21									
01/01/2005 0:00	2005	-9.02	-6.56	-7.85	-9.02	-6.56	-7.86	-9.08	-6.58	-7.87	-9.16	-6.55
01/01/2006 0:00	2006			-7.59	-9.38	-6.28	-7.19	-8.58	-6.34	-7.57	-8.79	-6.28
01/01/2007 0:00	2007			-7.41	-9.26	-6.69	-8.02	-9.44	-6.01	-7.91	-8.94	-6.12
01/01/2008 0:00	2008			-7.79	-8.73	-6.13	-7.72	-8.95	-6.33	-7.59	-9.71	-6.19
01/01/2009 0:00	2009			-7.12	-9.14	-5.53	-7.43	-8.86	-5.84	-7.31	-9.44	-6.23
01/01/2010 0:00	2010			-7.65	-8.85	-6.18	-7.86	-8.79	-6.02	-7.47	-9.13	-6.21
01/01/2011 0:00	2011			-7.69	-9.29	-5.76	-7.21	-8.6	-6.07	-7.81	-9.09	-5.85
01/01/2012 0:00	2012			-7.36	-8.71	-6.22	-8.26	-8.65	-6.43	-7.19	-8.72	-6.35
01/01/2013 0:00	2013			-7.33	-8.54	-5.92	-7.53	-8.73	-6.57	-7.49	-9.3	-6.2
01/01/2014 0:00	2014			-7.19	-8.8	-6.23	-7.35	-8.74	-4.98	-7.52	-8.98	-5.66
01/01/2015 0:00	2015			-7.53	-8.52	-6.16	-7.44	-8.77	-6.34	-7.48	-8.62	-5.91
01/01/2016 0:00	2016			-6.96	-8.66	-4.66	-7.68	-8.52	-6.61	-6.78	-8.18	-6.08
01/01/2017 0:00	2017			-7.6	-9.06	-6.3	-7.4	-9.05	-5.73	-6.42	-8.03	-5.3
01/01/2018 0:00	2018			-7.32	-8.66	-6.06	-7.11	-9.11	-6.12	-7.04	-9.35	-6.26
01/01/2019 0:00	2019			-7.44	-8.16	-6.54	-7.35	-8.76	-5.66	-7.07	-8.88	-5.94
01/01/2020 0:00	2020			-6.91	-8.52	-5.88	-7.67	-8.66	-6.46	-7.07	-8.34	-5.97

01/01/2021 0:00	2021	-6.96	-8.58	-5.84	-7.15	-8.81	-5.73	-7.28	-8.31	-6.3
01/01/2022 0:00	2022	-7.24	-8.78	-5.27	-7.67	-8.72	-6.18	-6.9	-7.67	-5.3
01/01/2023 0:00	2023	-6.69	-7.94	-5.54	-6.76	-9.13	-5.61	-6.35	-8.35	-5.2
01/01/2024 0:00	2024	-6.75	-8.38	-5.7	-6.47	-7.54	-5.02	-7.04	-7.95	-5.93
01/01/2025 0:00	2025	-7.05	-8.74	-5.89	-6.89	-8.41	-5.75	-7.2	-8.25	-5.34
01/01/2026 0:00	2026	-7.08	-8.49	-6.15	-6.59	-8.21	-4.99	-6.88	-8.18	-5.95
01/01/2027 0:00	2027	-6.41	-9.02	-5.17	-7.25	-7.84	-5.19	-6.56	-8.48	-4.96
01/01/2028 0:00	2028	-6.63	-8.66	-5.59	-6.54	-8.59	-4.68	-6.39	-8.14	-4.44
01/01/2029 0:00	2029	-6.92	-7.84	-5.21	-7.41	-9.1	-5.76	-6.53	-7.37	-5.32
01/01/2030 0:00	2030	-6.96	-8.18	-5.58	-7.16	-8.1	-5.91	-6.17	-7.48	-4.68
01/01/2031 0:00	2031	-7.45	-8.76	-5.49	-6.35	-8.21	-4.75	-6.74	-7.75	-5.68
01/01/2032 0:00	2032	-6.95	-8.64	-5.25	-6.59	-8.5	-4.82	-6.63	-8.07	-5.15
01/01/2033 0:00	2033	-7.17	-7.96	-5.28	-6.58	-8.21	-4.25	-6.35	-7.37	-4.66
01/01/2034 0:00	2034	-6.39	-7.54	-5.09	-6.3	-7.32	-4.95	-6.43	-7.76	-3.32
01/01/2035 0:00	2035	-7.04	-8.28	-5.35	-6.81	-8.36	-5.46	-6.08	-7.82	-4.41
01/01/2036 0:00	2036	-6.38	-8.03	-4.72	-6.62	-7.75	-5	-6.48	-8.06	-4.88
01/01/2037 0:00	2037	-6.6	-8.69	-5.41	-6.29	-7.82	-4.81	-6.03	-7.59	-3.86
01/01/2038 0:00	2038	-6.86	-8.13	-5.54	-6.67	-7.63	-4.02	-5.83	-7.19	-3.45
01/01/2039 0:00	2039	-6.62	-7.6	-3.99	-6.94	-7.76	-4.91	-6.15	-7.8	-4.45
01/01/2040 0:00	2040	-6.55	-8	-4.51	-6.5	-7.65	-5.01	-6.03	-7.61	-4.77
01/01/2041 0:00	2041	-6.27	-8.21	-4.11	-6.07	-7.07	-4.83	-5.55	-6.96	-3.82
01/01/2042 0:00	2042	-6.46	-7.61	-4.98	-6.32	-6.94	-4.96	-5.65	-7.2	-3.57
01/01/2043 0:00	2043	-6.42	-7.57	-5.27	-5.94	-7.44	-3.4	-5.35	-7.4	-3.36
01/01/2044 0:00	2044	-6.62	-8.32	-5.58	-5.76	-6.43	-4.56	-5.08	-7.32	-3.55
01/01/2045 0:00	2045	-6.46	-7.99	-5.05	-5.74	-6.98	-4.12	-5.24	-6.99	-3.86
01/01/2046 0:00	2046	-6.78	-8.19	-4.45	-6.32	-7.26	-3.88	-5.25	-6.45	-4.35
01/01/2047 0:00	2047	-6.27	-7.71	-5.2	-6	-7.01	-4.78	-5.21	-6.95	-4.03
01/01/2048 0:00	2048	-6.29	-8.07	-4.45	-6.41	-7.9	-4.55	-5.13	-6.39	-3.39
01/01/2049 0:00	2049	-6.48	-7.95	-4.88	-5.64	-7.29	-4.38	-4.88	-6.21	-3.84
01/01/2050 0:00	2050	-6.47	-8.72	-5.15	-6.34	-7.21	-4.64	-4.91	-6.21	-3.63
01/01/2051 0:00	2051	-6.54	-7.82	-4.46	-5.71	-7.08	-4.01	-5.34	-6.26	-2.92
01/01/2052 0:00	2052	-6.8	-8.15	-4.43	-5.45	-6.44	-4.59	-5.24	-7.08	-2.94
01/01/2053 0:00	2053	-6.89	-7.92	-5.1	-5.41	-7.48	-3.98	-4.24	-5.9	-2.84
01/01/2054 0:00	2054	-6.69	-7.42	-5.04	-5.74	-6.82	-3.34	-4.71	-6.94	-3.73
01/01/2055 0:00	2055	-6.38	-7.57	-4.47	-5.3	-7.49	-3.57	-4.28	-6.32	-2.58
01/01/2056 0:00	2056	-5.89	-7.45	-3.77	-5.32	-6.38	-4.32	-4.56	-5.63	-2.56
01/01/2057 0:00	2057	-6.06	-8.52	-4.74	-6.08	-7.26	-4.17	-4.37	-6.38	-2.26



01/01/2058 0:00	2058	-6.75	-8.16	-4.49	-5.6	-6.81	-4.1	-3.93	-5.68	-2.64
01/01/2059 0:00	2059	-6.67	-7.93	-3.39	-5.69	-7.09	-4.37	-4.15	-5.7	-2.19
01/01/2060 0:00	2060	-6.09	-7.21	-4.32	-5.56	-7.11	-3.59	-4.41	-6.38	-1.63
01/01/2061 0:00	2061	-6.26	-7.8	-4.26	-5.12	-6.78	-4.11	-4.61	-5.65	-2.19
01/01/2062 0:00	2062	-5.63	-7.91	-3.25	-6.06	-7.11	-2.75	-4.3	-5.24	-1.98
01/01/2063 0:00	2063	-6.48	-8.36	-4.85	-5.6	-7.13	-2	-3.37	-5.44	-1.54
01/01/2064 0:00	2064	-6.22	-8.18	-4.93	-5.04	-6.48	-3.74	-3.43	-5.82	-2.08
01/01/2065 0:00	2065	-6.29	-7.21	-4.59	-5.08	-6.62	-3.37	-3.64	-5.44	-2.22
01/01/2066 0:00	2066	-6.43	-7.68	-4.44	-4.99	-6.22	-3.16	-3.81	-5.95	-1.37
01/01/2067 0:00	2067	-6.59	-7.88	-5.58	-4.57	-6.53	-3.2	-3.55	-4.91	-0.96
01/01/2068 0:00	2068	-6.44	-7.4	-4.5	-5.09	-6.7	-2.9	-3.46	-5.25	-1.16
01/01/2069 0:00	2069	-6.02	-7.81	-4.75	-5.59	-7.13	-3.7	-2.64	-4.43	-1.29
01/01/2070 0:00	2070	-6.49	-7.76	-4.61	-5.02	-6.1	-3.47	-3.17	-5.08	-0.67
01/01/2071 0:00	2071	-6.26	-7.78	-3.95	-4.87	-6.44	-2.98	-3.12	-5.33	-1.02
01/01/2072 0:00	2072	-6.22	-8.27	-5.14	-5.07	-6.44	-3.34	-3.18	-4.93	-1.18
01/01/2073 0:00	2073	-6.83	-7.68	-4.3	-5.12	-7.17	-3.24	-3.1	-4.33	-0.08
01/01/2074 0:00	2074	-6.24	-7.27	-4.7	-5.27	-6.76	-3.74	-2.91	-4.51	-0.12
01/01/2075 0:00	2075	-6.54	-7.5	-5.03	-4.69	-6.1	-3.4	-2.64	-4.42	-0.4
01/01/2076 0:00	2076	-5.54	-7.16	-4.6	-4.91	-7.07	-3.96	-2.77	-4.15	-0.15
01/01/2077 0:00	2077	-6.67	-8.22	-5.65	-5.1	-6.96	-2.71	-2.43	-4.32	0.19
01/01/2078 0:00	2078	-6.73	-8.17	-4.49	-4.45	-6.58	-2.28	-1.7	-4.39	0
01/01/2079 0:00	2079	-6.24	-7.98	-4.05	-4.84	-6.34	-2.74	-1.9	-3.73	-0.46
01/01/2080 0:00	2080	-6.16	-7.47	-4.93	-5.13	-6.01	-3.72	-2.61	-3.75	0.42
01/01/2081 0:00	2081	-6.74	-8.17	-4.65	-4.72	-6.24	-3.21	-2.76	-3.73	0.72
01/01/2082 0:00	2082	-5.83	-7.19	-4.81	-4.68	-5.84	-2.88	-1.83	-3.16	1.27
01/01/2083 0:00	2083	-6.38	-7.72	-4.49	-4.4	-6.84	-2.59	-1.19	-3.74	0.64
01/01/2084 0:00	2084	-6.58	-7.84	-4.73	-4.33	-6.13	-2.07	-2.02	-3.38	-0.16
01/01/2085 0:00	2085	-6.74	-7.9	-4.21	-4.93	-6.54	-2.57	-1.94	-3.77	0.91
01/01/2086 0:00	2086	-6.17	-7.31	-4.68	-4.81	-6.25	-3.03	-1.78	-3.67	-0.12
01/01/2087 0:00	2087	-6.41	-7.7	-3.19	-4.79	-6.18	-3.56	-1.2	-3.43	-0.03
01/01/2088 0:00	2088	-5.87	-7.02	-4	-4.94	-6.9	-3.16	-1.87	-4.07	1.04
01/01/2089 0:00	2089	-5.79	-7.84	-4.37	-5.06	-6.21	-2.48	-1.36	-3.54	0.99
01/01/2090 0:00	2090	-6.29	-8.27	-4.52	-4.32	-6.21	-2.38	-1.55	-4.04	0.13
01/01/2091 0:00	2091	-6.29	-7.84	-4.61	-4.82	-5.97	-3.09	-0.71	-2.74	1.89
01/01/2092 0:00	2092	-6.27	-7.62	-4.44	-4.91	-6.35	-2.62	-1.39	-3.27	0.95
01/01/2093 0:00	2093	-6.39	-7.75	-4.52	-4.99	-6.12	-3.37	-1.17	-3.41	1.49
01/01/2094 0:00	2094	-6.58	-8.01	-5.22	-4.83	-6.73	-2.53	-0.97	-3.38	0.93

01/01/2095 0:00 2095	-6.45	-7.92	-4.36	-4.94	-6	-2.89	-1.65	-3.06	1.55
01/01/2096 0:00 2096	-6.45	-7.76	-4.77	-4.02	-5.77	-3.25	-0.72	-3.54	1.61
01/01/2097 0:00 2097	-6.1	-7.49	-4.83	-4.77	-6.65	-2.64	-0.65	-1.86	2.5
01/01/2098 0:00 2098	-6.66	-8.23	-5.05	-4.54	-6.38	-2.21	-0.36	-2.93	2.5
01/01/2099 0:00 2099	-6.16	-7.49	-4.09	-4.36	-5.87	-2.41	-0.42	-2.8	2.77





01/01/2021 0:00	2021	31.68	27.56	35.19	30.87	28.44	35.68	30.39	28.96	33.25
01/01/2022 0:00	2022	31.46	28.44	36	30.57	26.78	34.3	31.6	27.99	35.48
01/01/2023 0:00	2023	30.02	28.55	35.01	31.19	27.9	33.15	31.26	28.15	34.96
01/01/2024 0:00	2024	31.75	27.52	34.97	32.06	28.28	37	31.23	27.38	34.07
01/01/2025 0:00	2025	31.81	28.34	33.5	31.07	29.66	33.7	31.32	28.18	34.78
01/01/2026 0:00	2026	31.53	28.7	34.59	31.34	28.91	34.81	31.29	29.11	36.3
01/01/2027 0:00	2027	30.27	28.82	33.4	31.22	28.89	33.97	32.28	27.93	36.28
01/01/2028 0:00	2028	30.93	28.44	32.82	31.14	29.02	34.67	31.26	26.89	34.82
01/01/2029 0:00	2029	31.29	27.31	34.97	31.29	27.74	35.32	31.17	29.45	35.47
01/01/2030 0:00	2030	31.37	27.8	33.32	31.49	28.11	33.72	30.99	28.31	33.76
01/01/2031 0:00	2031	31.78	28.54	35.13	30.88	28.34	35.69	30.74	26.99	37.42
01/01/2032 0:00	2032	30.23	27.33	33.22	31.1	28.02	33.32	30.73	29.32	33.93
01/01/2033 0:00	2033	31.58	27.74	35.22	32.44	27.79	35.89	31.16	28.29	37.02
01/01/2034 0:00	2034	31.89	28.83	36.18	31.91	28.23	36.27	31.19	28.36	36.34
01/01/2035 0:00	2035	31.2	28.7	34.03	31.24	29.16	34.2	32.21	28.82	35.5
01/01/2036 0:00	2036	31.87	28.61	35.29	32.14	27.56	34.41	31.37	29.02	33.15
01/01/2037 0:00	2037	29.87	28.25	32.71	30.51	27.55	34.55	31.37	28.61	35.14
01/01/2038 0:00	2038	29.79	28.06	31.94	30.7	28.48	36.31	32.95	29.76	37.1
01/01/2039 0:00	2039	31.55	28.73	34.91	30.88	28.2	34.89	32.05	29.29	34.19
01/01/2040 0:00	2040	30.3	28.48	33.14	30.86	28.69	34.76	31.67	27.4	35.36
01/01/2041 0:00	2041	31.33	28.48	35.81	31.6	28.47	34.75	31.42	29.04	34.93
01/01/2042 0:00	2042	31.1	28.72	36.76	30.84	28.12	36.17	30.94	27.8	33.53
01/01/2043 0:00	2043	30.84	27.74	33.36	31.99	30.25	35.84	32.09	28.59	35.64
01/01/2044 0:00	2044	31.37	27.26	34.53	32.49	29.68	36.69	32.41	28.03	37.99
01/01/2045 0:00	2045	30.99	27.82	34.2	30.84	27.94	35.32	31.38	29.27	36.26
01/01/2046 0:00	2046	30.66	28.42	34.94	31.85	28.43	35.3	31.78	29.75	35.89
01/01/2047 0:00	2047	32.16	26.86	36.13	31.2	29.05	36.05	32.12	29.9	35.73
01/01/2048 0:00	2048	30.67	27.22	35.68	31.31	29.3	35.56	32.33	28.62	35.31
01/01/2049 0:00	2049	31.15	28.07	35.92	31.32	29.02	36.82	32.5	29.52	35.41
01/01/2050 0:00	2050	31.39	28.06	34.59	32.28	29.45	37.68	33.44	30.48	38.57
01/01/2051 0:00	2051	30.95	27.77	33.27	31.21	28.65	34.21	32.5	29.15	35.14
01/01/2052 0:00	2052	30.72	27.97	34.18	31.68	29.35	34.65	32.67	31.11	35.55
01/01/2053 0:00	2053	31.35	28.28	35.55	31.27	28.21	35.12	32.7	30.14	38.37
01/01/2054 0:00	2054	31.92	29.57	35.51	30.72	27.92	35.12	32.84	30.05	36.98
01/01/2055 0:00	2055	31.73	29.31	35.51	32.05	29	37.5	33.81	28.45	37.13
01/01/2056 0:00	2056	30.88	28.08	33.99	31.96	28.79	34.52	33.53	28.43	37.22
01/01/2057 0:00	2057	30.78	28	34.72	30.69	27.58	36.11	33.71	29.46	37.31

01/01/2058 0:00	2058	31.27	28.64	36.42	32.51	29.31	34.89	33.98	30.4	38.82
01/01/2059 0:00	2059	30.8	28.28	35.13	31.53	29.14	34.67	33.92	30.2	37.52
01/01/2060 0:00	2060	30.86	28.57	33.93	32.73	29.22	35.86	33.9	30.35	38.51
01/01/2061 0:00	2061	32.04	28.03	34.54	32.67	29.17	37.46	33.6	29.04	37.61
01/01/2062 0:00	2062	32.37	29.25	36.26	31.39	28.67	36.02	34.4	31.69	37.18
01/01/2063 0:00	2063	30	26.88	34.01	31.14	28.32	34.47	34.98	29.44	40.24
01/01/2064 0:00	2064	31.3	28.92	33.75	32.2	29.68	37.47	33.29	28.37	35.81
01/01/2065 0:00	2065	31.61	29.13	33.82	32.12	28.65	36.33	35.81	30.86	39.66
01/01/2066 0:00	2066	31.49	27.7	33.44	32.23	28.95	36.14	35.2	31.69	40.34
01/01/2067 0:00	2067	31.69	27.06	33.91	32.44	30.08	35.99	34.94	31.79	38.73
01/01/2068 0:00	2068	31.07	28.99	35.43	31.52	29.91	34.82	33.74	31.4	39.96
01/01/2069 0:00	2069	30.66	29.54	33.67	33.33	30.51	35.5	34.48	31.14	37.61
01/01/2070 0:00	2070	31.34	28.41	35.92	32.83	29.55	37.61	34.26	29.31	37.94
01/01/2071 0:00	2071	31.23	27.84	35.54	32.27	29.45	34.02	34.28	29.78	38.98
01/01/2072 0:00	2072	31.5	28	36.49	32.78	30.59	36.58	34.64	30.57	38.86
01/01/2073 0:00	2073	30.78	27.39	34.76	31.97	29.82	36.99	33.18	32.16	40.31
01/01/2074 0:00	2074	30.18	27.96	35.67	32.75	30.69	37.05	34.84	30.09	39.94
01/01/2075 0:00	2075	31.95	27.76	37.36	32.91	28.96	37.74	34.71	30.5	38.8
01/01/2076 0:00	2076	31.62	27.97	34.8	32.64	28.63	36.53	35.11	32.66	37.5
01/01/2077 0:00	2077	31.38	28.21	36.11	33.41	30.03	38.61	36.09	30.47	40.75
01/01/2078 0:00	2078	31.14	28.62	35.4	33.39	28.9	37.16	35.33	32.01	40.83
01/01/2079 0:00	2079	31.16	28.62	35.2	33.15	29.51	35.58	34.67	31.53	39.38
01/01/2080 0:00	2080	31.51	29.52	35.47	32.41	29.68	37.34	34.68	32.18	37.92
01/01/2081 0:00	2081	31.53	28.96	37.71	31.79	29.76	35.18	36.51	32.03	39.78
01/01/2082 0:00	2082	30.68	28.94	34.83	32.42	29.57	36.87	35.97	32.54	39.6
01/01/2083 0:00	2083	31.96	28.88	36.51	31.99	29.43	37.04	36.11	32.14	39.33
01/01/2084 0:00	2084	31.27	28.34	34.58	33.46	30.16	36.43	34.79	31.18	38.87
01/01/2085 0:00	2085	31.12	27.84	34.5	32.52	29.77	37.19	35.73	32.22	40.42
01/01/2086 0:00	2086	31.91	27.3	36.39	32.45	29.6	37.23	35.2	32.37	41.01
01/01/2087 0:00	2087	32	28.51	35.42	33.31	28.83	36.22	35.69	32.09	39.06
01/01/2088 0:00	2088	31.19	28.54	34.91	33.05	28.88	36.55	35.29	31.02	38.29
01/01/2089 0:00	2089	30.89	29.16	34.08	33.46	29.2	37.63	36.37	31.86	39.83
01/01/2090 0:00	2090	31.2	28.58	34.57	33.21	29.09	37.1	36.13	32.51	42.19
01/01/2091 0:00	2091	30.83	28.96	34.02	32.5	29.24	36.2	36.77	31.99	43.57
01/01/2092 0:00	2092	32.37	27.52	34.2	32.38	29.45	36.35	35.62	32.52	38.94
01/01/2093 0:00	2093	31.71	28.87	35.09	32.04	28.84	35.02	35.88	32.98	39.35
01/01/2094 0:00	2094	31.65	27.07	35.47	32.8	29.24	36.62	36.03	31.71	41.31

01/01/2095 0:00 2095	30.75	28.51	33.02	32.98	29.19	38.51	36.09	31.64	40.14
01/01/2096 0:00 2096	32.11	28.7	34.41	33.17	30.33	37.55	36.68	31.51	41.07
01/01/2097 0:00 2097	31.65	27.39	36.13	31.8	29.21	37.95	36.19	34.67	40.13
01/01/2098 0:00 2098	31.06	27.15	35.69	33.06	29.39	38.62	37.38	32.75	41.45
01/01/2099 0:00 2099	30.81	27.78	33.54	33.12	29.6	37.46	37.48	31.8	44.62

DateTime	Year	Historical Range (low)	Historical Range (high)	RCP 2.6 Range (low)	RCP 2.6 Range (high)	RCP 4.5 Range (low)	RCP 4.5 Range (high)	RCP 8.5 Range (low)	RCP 8.5 Range (high)
01/01/1950 0:00	1950	-47.8	-41.88						
01/01/1951 0:00	1951	-48.95	-42.7						
01/01/1952 0:00	1952	-47.31	-42.45						
01/01/1953 0:00	1953	-48.99	-41.68						
01/01/1954 0:00	1954	-47.54	-42.2						
01/01/1955 0:00	1955	-47.79	-42						
01/01/1956 0:00	1956	-47.22	-41						
01/01/1957 0:00	1957	-47.69	-40.71						
01/01/1958 0:00	1958	-49.02	-43.46						
01/01/1959 0:00	1959	-46.61	-43.46						
01/01/1960 0:00	1960	-47.63	-42.6						
01/01/1961 0:00	1961	-48.34	-40.49						
01/01/1962 0:00	1962	-47.78	-40.71						
01/01/1963 0:00	1963	-47.3	-41.84						
01/01/1964 0:00	1964	-48.57	-43.15						
01/01/1965 0:00	1965	-48.68	-41.42						
01/01/1966 0:00	1966	-47.41	-43.21						
01/01/1967 0:00	1967	-47.08	-40.94						
01/01/1968 0:00	1968	-47.28	-43.17						
01/01/1969 0:00	1969	-48.9	-41.94						
01/01/1970 0:00	1970	-47.81	-42.83						
01/01/1971 0:00	1971	-48.47	-42.54						
01/01/1972 0:00	1972	-49.02	-42.13						
01/01/1973 0:00	1973	-47.09	-42.82						
01/01/1974 0:00	1974	-47.93	-42.7						
01/01/1975 0:00	1975	-46.15	-42.04						
01/01/1976 0:00	1976	-47.27	-43.32						
01/01/1977 0:00	1977	-46.64	-40.56						
01/01/1978 0:00	1978	-47.12	-41.13						
01/01/1979 0:00	1979	-47.52	-41.34						
01/01/1980 0:00	1980	-48.37	-42.66						
01/01/1981 0:00	1981	-48.84	-42.68						
01/01/1982 0:00	1982	-47.05	-42.49						
01/01/1983 0:00	1983	-48.38	-40.68						





01/01/2021 0:00	2021	-42.67	-46.01	-39.94	-42.36	-44.04	-39.19	-42.27	-45.64	-39.6
01/01/2022 0:00	2022	-43.22	-47.18	-39.24	-42.86	-47.91	-40.54	-41.55	-43.67	-39.17
01/01/2023 0:00	2023	-42.36	-44.75	-40.07	-42.73	-46.69	-37.97	-41.17	-44.05	-39.62
01/01/2024 0:00	2024	-42.47	-43.69	-38.47	-42.17	-44.15	-38.87	-42.17	-44.72	-39.06
01/01/2025 0:00	2025	-43.19	-46.36	-38.76	-42.18	-45.67	-39.57	-41.5	-45.59	-38.44
01/01/2026 0:00	2026	-42.49	-46.59	-38.88	-43.07	-45.37	-38.52	-41.07	-44.76	-38.89
01/01/2027 0:00	2027	-42	-44.18	-38	-41.81	-43.86	-38.63	-41.58	-43.88	-39.03
01/01/2028 0:00	2028	-42.21	-44.5	-37.97	-40.31	-44.5	-37.64	-41.17	-43.97	-38.08
01/01/2029 0:00	2029	-42.08	-47.13	-39.1	-43.06	-46.13	-40.13	-41.45	-42.95	-39.81
01/01/2030 0:00	2030	-41.82	-46.43	-37.47	-40.9	-43.14	-38.39	-41.51	-45.51	-38.27
01/01/2031 0:00	2031	-42.58	-47.69	-37.13	-43.6	-45.61	-39.96	-41.39	-43.99	-38.55
01/01/2032 0:00	2032	-42.05	-46.73	-38.41	-41.87	-45.6	-38.74	-41.38	-43.95	-36.98
01/01/2033 0:00	2033	-41.15	-45.12	-38.81	-41.95	-43.62	-37.05	-41.57	-44.5	-36.47
01/01/2034 0:00	2034	-42.58	-45.88	-37.77	-42.32	-44.34	-37.95	-41.54	-47.06	-37.09
01/01/2035 0:00	2035	-42.28	-44.7	-38.14	-41.41	-45.4	-38.42	-41.24	-44.98	-36.99
01/01/2036 0:00	2036	-41.5	-44.56	-37.38	-42.39	-46.84	-39.88	-42.47	-45.09	-38.36
01/01/2037 0:00	2037	-41.56	-45.77	-37.74	-41.27	-45.27	-37.46	-40.7	-43.32	-38.78
01/01/2038 0:00	2038	-41.66	-43.52	-37.52	-41.12	-44.5	-38.85	-40.94	-44.95	-36.76
01/01/2039 0:00	2039	-41.78	-44.72	-38.29	-41.14	-44.37	-38.46	-41.74	-44.74	-37.29
01/01/2040 0:00	2040	-41.48	-44.48	-38.49	-41.96	-44.93	-37.29	-40	-43.78	-37.64
01/01/2041 0:00	2041	-41.66	-44.79	-37.24	-40.74	-47.45	-38.04	-40.2	-43.68	-38.02
01/01/2042 0:00	2042	-41.24	-44.04	-38.61	-40.74	-43.27	-38.17	-39.78	-42.22	-36.66
01/01/2043 0:00	2043	-41.93	-43.55	-38.61	-40.43	-43.93	-36.59	-39.86	-42.19	-34.97
01/01/2044 0:00	2044	-40.39	-43.86	-37.83	-40.3	-43.38	-37.81	-38.45	-42.13	-35.94
01/01/2045 0:00	2045	-41.65	-43.97	-38.83	-40.07	-43.55	-35.48	-38.16	-44.73	-36.34
01/01/2046 0:00	2046	-41.89	-44.4	-37.38	-41.05	-43.28	-36.59	-39.05	-41.09	-35.41
01/01/2047 0:00	2047	-39.57	-43.64	-37.97	-40.04	-43.2	-36.94	-39.15	-42.85	-36.7
01/01/2048 0:00	2048	-41.3	-46.1	-36.93	-40.5	-45.62	-36.57	-37.07	-42.16	-34.34
01/01/2049 0:00	2049	-41.11	-44.42	-38.76	-40.02	-45.11	-36.38	-38.34	-41.67	-34.53
01/01/2050 0:00	2050	-41.7	-44.2	-37.63	-41.09	-42.77	-36.99	-38.57	-44.26	-35.36
01/01/2051 0:00	2051	-40.89	-43.06	-38.2	-40.61	-44.02	-36.62	-39.19	-43.05	-35.88
01/01/2052 0:00	2052	-41.84	-45.87	-37.26	-39.38	-41.54	-37.83	-39.42	-43.05	-36.21
01/01/2053 0:00	2053	-41.6	-45.13	-37.47	-39.71	-43.55	-37.11	-38.36	-42.01	-34.27
01/01/2054 0:00	2054	-41.53	-45.37	-39.08	-40.53	-45.04	-36.64	-38.32	-41.02	-35.12
01/01/2055 0:00	2055	-41.11	-45.48	-37.86	-39.94	-43.76	-34.99	-38.54	-41.83	-34.74
01/01/2056 0:00	2056	-40.73	-43.9	-37.03	-39.72	-42.4	-36.51	-37.49	-41.35	-34.37
01/01/2057 0:00	2057	-41.23	-44.86	-38.65	-40.45	-44.56	-37.05	-38.44	-39.99	-32.17

01/01/2058 0:00	2058	-41.28	-45.5	-38.63	-39.65	-41.88	-35.9	-37.17	-40.9	-33.55
01/01/2059 0:00	2059	-41.91	-45.3	-38.26	-40.14	-42.81	-36.09	-38.27	-42.38	-32.73
01/01/2060 0:00	2060	-41.2	-44.25	-38.39	-40.55	-44.81	-36.33	-36.99	-41.58	-33.01
01/01/2061 0:00	2061	-40.56	-43.86	-37.44	-40.71	-42.66	-36.04	-37.78	-40.08	-33.94
01/01/2062 0:00	2062	-41.41	-43.85	-36.3	-40.78	-43.41	-34.44	-37.39	-40.2	-34.59
01/01/2063 0:00	2063	-41.73	-44.57	-38.74	-39.52	-43.22	-35.21	-36.46	-41.36	-33.42
01/01/2064 0:00	2064	-42.12	-44.74	-39.56	-39.73	-42.79	-35.54	-36.83	-40.67	-32.91
01/01/2065 0:00	2065	-41.02	-44.4	-37.75	-39.73	-41.87	-35.23	-36.72	-40.46	-32.36
01/01/2066 0:00	2066	-41.39	-44.71	-36.71	-39.32	-41.89	-33.94	-37.64	-41.26	-31.92
01/01/2067 0:00	2067	-41.21	-46.01	-38.58	-39.32	-42.12	-35.31	-37.29	-39.41	-33.44
01/01/2068 0:00	2068	-40.32	-42.71	-38.31	-38.97	-40.7	-34.86	-37.64	-43.04	-33.04
01/01/2069 0:00	2069	-39.97	-43.48	-37.55	-40.38	-43.81	-36	-33.69	-39.87	-31.95
01/01/2070 0:00	2070	-41.15	-44.04	-38.09	-38.95	-40.7	-35.88	-34.63	-39.89	-32.35
01/01/2071 0:00	2071	-40.38	-44.13	-38.47	-38.27	-40.64	-35.88	-34.86	-38	-30.41
01/01/2072 0:00	2072	-42.02	-45.38	-37.36	-38.58	-41.63	-35.06	-36.97	-40.05	-31.07
01/01/2073 0:00	2073	-40.76	-44	-36.69	-39.43	-42.99	-35.54	-34.93	-41.11	-30.1
01/01/2074 0:00	2074	-40.03	-43.96	-35.79	-38.13	-42.86	-35.28	-34.62	-38.95	-31.24
01/01/2075 0:00	2075	-41.1	-43.98	-37.66	-38.94	-42.22	-35.75	-33.47	-37.62	-31.12
01/01/2076 0:00	2076	-40.51	-44.52	-38.63	-39	-43.01	-36.09	-34.89	-38.8	-29.78
01/01/2077 0:00	2077	-41.29	-44.21	-38.21	-39.59	-45.06	-34.79	-34.94	-39.35	-29.16
01/01/2078 0:00	2078	-41.79	-44.5	-37.66	-38.46	-41.19	-35	-33.7	-37.42	-29.53
01/01/2079 0:00	2079	-41.01	-43.61	-37.84	-38.19	-42.62	-35.22	-35.06	-39.07	-31
01/01/2080 0:00	2080	-41.38	-44.28	-37.69	-39.82	-42.93	-35.44	-32.39	-38.48	-27.99
01/01/2081 0:00	2081	-41.21	-46.64	-37.64	-38.57	-40.78	-34.89	-32.98	-37.1	-27.48
01/01/2082 0:00	2082	-40.6	-44.66	-38.12	-39.42	-43.36	-34.04	-34.48	-38.55	-27.18
01/01/2083 0:00	2083	-41.53	-42.89	-37.64	-38.66	-40.79	-35.25	-32.93	-38.5	-28.39
01/01/2084 0:00	2084	-41.43	-44.51	-39.21	-38.36	-42.05	-33.64	-33.43	-37.09	-29.32
01/01/2085 0:00	2085	-41.85	-44.4	-38.51	-38.15	-42.83	-35.11	-33.93	-37.06	-29.02
01/01/2086 0:00	2086	-41.33	-45.54	-39.19	-39.05	-43.23	-36.26	-34.29	-36.82	-29.49
01/01/2087 0:00	2087	-40.92	-45.31	-36.6	-38.08	-41.34	-35.59	-32.33	-37.82	-28.12
01/01/2088 0:00	2088	-40.49	-44.83	-37.41	-39.11	-40.96	-35.51	-32.95	-37.21	-28.47
01/01/2089 0:00	2089	-40.16	-43.5	-37.2	-38.68	-40.6	-34.55	-32.42	-37.51	-28.87
01/01/2090 0:00	2090	-40.99	-43.92	-37.91	-37.54	-41.98	-34.04	-33.57	-35.86	-27.16
01/01/2091 0:00	2091	-40.62	-44.7	-37.83	-38.43	-40.62	-35.65	-32.5	-36.06	-27.9
01/01/2092 0:00	2092	-41.68	-44.47	-37.13	-39.7	-42.33	-34.48	-32.38	-37.24	-27.38
01/01/2093 0:00	2093	-40.58	-43.09	-38.27	-38.73	-40.85	-35.71	-34.55	-37.23	-25.94
01/01/2094 0:00	2094	-41.73	-44.63	-39.42	-38.36	-41.34	-34.57	-31.97	-36.58	-26.14

01/01/2095 0:00 2095	-40.92	-44	-37.43	-38.61	-43.79	-34.98	-33.3	-35.85	-27.38
01/01/2096 0:00 2096	-39.91	-43.14	-37.03	-39.36	-42.03	-34.93	-31.77	-36.69	-28.39
01/01/2097 0:00 2097	-41.39	-45.7	-39	-39.13	-40.46	-36.11	-31.01	-34.64	-27.1
01/01/2098 0:00 2098	-41.32	-45.75	-39.31	-39.15	-40.56	-34.46	-32	-37.93	-27.43
01/01/2099 0:00 2099	-40.88	-44.76	-37.24	-39.32	-41.98	-34.24	-30.85	-34.37	-24.19



01/01/1984 0:00	1984	3.9	24.4									
01/01/1985 0:00	1985	5.3	28.4									
01/01/1986 0:00	1986	3.3	22									
01/01/1987 0:00	1987	3.3	23.1									
01/01/1988 0:00	1988	5.6	24.7									
01/01/1989 0:00	1989	3.3	29.7									
01/01/1990 0:00	1990	4.9	24.7									
01/01/1991 0:00	1991	4.3	27.1									
01/01/1992 0:00	1992	3	25.8									
01/01/1993 0:00	1993	4.3	28.7									
01/01/1994 0:00	1994	2.3	26.8									
01/01/1995 0:00	1995	3.3	24.7									
01/01/1996 0:00	1996	3	23									
01/01/1997 0:00	1997	5.3	25									
01/01/1998 0:00	1998	9	28.4									
01/01/1999 0:00	1999	4.6	22									
01/01/2000 0:00	2000	7.3	30.6									
01/01/2001 0:00	2001	1.3	30.9									
01/01/2002 0:00	2002	5.9	27.7									
01/01/2003 0:00	2003	1.3	21.7									
01/01/2004 0:00	2004	9.3	31.3									
01/01/2005 0:00	2005	4.6	28.2	16	4.6	28.2	16	3.9	27.9	15.5	3.9	28.9
01/01/2006 0:00	2006			13	6.3	35.1	14.5	6	33.1	15.5	6.6	23
01/01/2007 0:00	2007			20	3	27.1	15	6.3	34.6	13.5	6.3	30.7
01/01/2008 0:00	2008			13.5	2	22.8	17	7.3	40.2	14.5	6	23.7
01/01/2009 0:00	2009			15.5	6.6	25.7	15	6	34.7	20	7	38.4
01/01/2010 0:00	2010			15	6.6	26.4	18	6.2	38.2	14	2.6	37.4
01/01/2011 0:00	2011			15	5.3	24.1	16.5	10	36	17	6.3	31
01/01/2012 0:00	2012			21	6.3	32.2	14.5	4.6	29.1	19.5	10.2	31.7
01/01/2013 0:00	2013			13	3.3	26.1	18	6	26	14	3.9	30.4
01/01/2014 0:00	2014			17	6	30.4	21.5	8.3	36.2	15	7	24.1
01/01/2015 0:00	2015			15.5	8	32.5	18	10.6	27.7	20.5	13	32.7
01/01/2016 0:00	2016			20.5	7.9	42	12.5	3.6	24.7	17	6.6	37.2
01/01/2017 0:00	2017			16	6.6	28.7	19	8.3	27.7	16	9.6	37.8
01/01/2018 0:00	2018			14	8	36.5	17	7.3	30.8	16.5	7	37.1
01/01/2019 0:00	2019			15	8.3	33.2	22.5	10	34.8	21.5	6.3	31.7
01/01/2020 0:00	2020			15	5.3	26.7	16	2.3	28.4	21.5	6.6	32.7

01/01/2021 0:00	2021	20	7.2	36.4	21.5	11.3	38.6	16.5	7.6	35.5
01/01/2022 0:00	2022	20.5	12.3	43.9	16	4.9	30.4	29	11.3	36.4
01/01/2023 0:00	2023	19	6.9	36.1	16.5	9.3	31.1	23	8.3	31.7
01/01/2024 0:00	2024	20.5	11.6	28.7	19.5	7.6	32.7	20.5	8.8	32.7
01/01/2025 0:00	2025	22	12.3	37.5	25	11.9	36.5	20.5	12.6	34
01/01/2026 0:00	2026	22	9.2	39.4	20	12	43	22.5	11.9	41.4
01/01/2027 0:00	2027	21.5	7.3	38.1	21.5	15.3	28	27	11.9	41.1
01/01/2028 0:00	2028	20	8.6	41.5	20.5	9.2	43.6	19	5.6	44.6
01/01/2029 0:00	2029	20.5	7.3	35.1	25.5	6	41.9	23.5	10	42.5
01/01/2030 0:00	2030	20	9.6	33.8	24	8.3	35.7	17	11.6	36.1
01/01/2031 0:00	2031	24	8.9	39.8	23.5	14	42.4	19.5	6	45.7
01/01/2032 0:00	2032	20.5	10	37.4	21.5	9.3	33	24	19	40
01/01/2033 0:00	2033	18	5.9	37	26	8.3	46.4	25.5	11.6	52.8
01/01/2034 0:00	2034	25.5	13.3	39.2	20	7.5	32.4	21.5	10.6	39.4
01/01/2035 0:00	2035	20.5	7.6	42.6	24.5	9.9	32.4	26	11.6	37
01/01/2036 0:00	2036	23	11.3	37.4	23.5	4.3	34.1	23	13.2	38
01/01/2037 0:00	2037	18	9.3	33.9	20	8.9	37.5	27	13	42
01/01/2038 0:00	2038	20	8.5	29.7	19.5	8.9	40.5	28.5	16	45.7
01/01/2039 0:00	2039	31	12	46.4	19.5	10.3	40.5	27	7.8	44.6
01/01/2040 0:00	2040	20.5	10.6	35.7	24.5	8.3	37	24	9.3	41.7
01/01/2041 0:00	2041	31	11.3	47.7	22.5	12.2	38.7	29.5	16.3	43.1
01/01/2042 0:00	2042	21.5	9.3	39.1	22.5	9.3	36	19.5	9.3	38.5
01/01/2043 0:00	2043	21.5	9.3	34.6	24.5	11.3	44	30	8.9	47.4
01/01/2044 0:00	2044	19.5	8.3	33.4	26.5	13	42.2	22	9.9	43.7
01/01/2045 0:00	2045	18.5	7.2	33.4	19	8.3	40	21.5	9.3	41.1
01/01/2046 0:00	2046	22.5	12.6	36.2	25	11.9	48.1	28	12.3	44
01/01/2047 0:00	2047	23.5	5.6	49.2	24.5	12.3	40.8	32.5	16	48.8
01/01/2048 0:00	2048	15	8	39.1	25	15.3	37.4	27	10.2	54.9
01/01/2049 0:00	2049	26	12	38.1	24	10.3	40.4	27.5	17	47.7
01/01/2050 0:00	2050	29	8.3	44.4	28.5	8.3	39	35	18	47.7
01/01/2051 0:00	2051	25.5	3.2	40.4	30	15.3	41.9	35.5	16.6	49.4
01/01/2052 0:00	2052	19.5	10.3	41.7	26.5	17.6	44	34.5	16.6	48
01/01/2053 0:00	2053	24.5	10.3	37.1	24.5	7.3	37.7	35	14.2	53.7
01/01/2054 0:00	2054	21	10.9	39	26.5	8.6	40.1	29	13	53.7
01/01/2055 0:00	2055	25.5	12.3	40.7	28.5	8.9	49.6	37	15.3	54.3
01/01/2056 0:00	2056	20	13	33.8	25	13.6	44.8	37.5	14.5	65.5
01/01/2057 0:00	2057	19	9.3	45.9	26	6	50.8	38	12.1	57.3

01/01/2058 0:00	2058	22.5	11	33.7	28.5	9.9	46	36.5	19	60.6
01/01/2059 0:00	2059	18.5	9.6	35	25	15.6	51.2	40.5	19.9	65.9
01/01/2060 0:00	2060	26	8.3	44.3	35	18.3	42.4	40	20.9	60.7
01/01/2061 0:00	2061	24	8.3	35.1	33	13.3	45.4	34.5	16	64
01/01/2062 0:00	2062	24	12.6	46.2	26.5	12.3	50.4	41	23.3	59.5
01/01/2063 0:00	2063	20	8	29.1	26.5	17	39.8	52.5	21.9	72
01/01/2064 0:00	2064	19.5	10.3	31.7	33.5	19	57	40	14.9	56.4
01/01/2065 0:00	2065	25.5	11.8	38.7	29.5	13.9	43	41	29.6	60.4
01/01/2066 0:00	2066	20	9.9	36.1	29	14.2	42.1	44	18	65.5
01/01/2067 0:00	2067	21.5	6	38.7	32	19.3	51.8	53.5	24.7	75.5
01/01/2068 0:00	2068	25.5	8.9	45.4	31.5	15.1	46	44	27.9	67.7
01/01/2069 0:00	2069	22	14.3	33.7	33	18.3	56.8	45.5	21.1	64.5
01/01/2070 0:00	2070	19.5	12.3	40.8	29	17.2	45.1	33	17.9	56.8
01/01/2071 0:00	2071	21	11	45.5	32.5	17.9	47.1	49.5	22	68.7
01/01/2072 0:00	2072	26	9.4	46.1	35	18.3	48.5	43	22.3	71
01/01/2073 0:00	2073	24	4.8	39.3	26	13	53.8	48	24.8	61.4
01/01/2074 0:00	2074	21	9.3	35	30	12.6	42.1	51	16.4	70.5
01/01/2075 0:00	2075	26	4.3	39	27.5	7.1	43.5	48.5	19	80.6
01/01/2076 0:00	2076	25.5	8.3	42.7	32	6.6	45.4	52	32.3	67.7
01/01/2077 0:00	2077	22	13	35	30.5	17.3	63	48.5	33.9	64
01/01/2078 0:00	2078	22.5	12.6	34.9	41.5	13.1	49	51	30.3	75
01/01/2079 0:00	2079	26.5	10.3	41	30	12.2	54.7	52.5	28.9	77.4
01/01/2080 0:00	2080	20	11	53.8	31	17	51.5	52.5	29.1	76.7
01/01/2081 0:00	2081	22.5	12.3	40.5	33.5	14.6	53.2	56.5	35.3	74.8
01/01/2082 0:00	2082	24.5	11.3	35.4	30	13.6	47.4	61	35.9	76.4
01/01/2083 0:00	2083	22.5	11	34.5	32	11.6	54.1	51.5	34.3	77.8
01/01/2084 0:00	2084	24	13	39.1	36.5	15	49.1	58	23.6	76.8
01/01/2085 0:00	2085	19.5	10.3	43.8	26	16.2	48	67.5	25.5	84.4
01/01/2086 0:00	2086	25	6.9	45.5	33.5	12.9	49.1	54	33.3	91.1
01/01/2087 0:00	2087	24.5	12	53.8	33.5	15.3	51.4	60	35	81.9
01/01/2088 0:00	2088	24	14	40.7	32.5	15	45.7	61	34.6	79
01/01/2089 0:00	2089	28.5	10.9	41	34.5	13.5	52.4	64	31.8	91
01/01/2090 0:00	2090	22.5	8.9	41.5	32.5	15.3	46.4	55.5	28.5	90.8
01/01/2091 0:00	2091	25.5	10.9	38.8	30	18.3	58.3	62.5	40	94.5
01/01/2092 0:00	2092	22.5	7.6	38	32	14.6	57.4	61	43.3	80.5
01/01/2093 0:00	2093	24.5	12	43.4	33.5	16.1	48.1	67	28.7	89.7
01/01/2094 0:00	2094	21.5	6	43.4	33	16.9	52	59.5	38.3	80.7



01/01/2095 0:00 2095	22.5	10	38.1	39.5	18.9	56.1	61	26.4	85.7
01/01/2096 0:00 2096	18	8.6	37.4	39.5	23.2	61.3	62.5	28	91.1
01/01/2097 0:00 2097	19.5	9.5	41.3	31	16	50.8	63.5	37.9	92.1
01/01/2098 0:00 2098	19.5	9.3	45.7	38.5	15.3	62.8	71.5	39.7	89.2
01/01/2099 0:00 2099	19.5	9.6	32.4	34.5	15.6	57.6	69.5	34.1	99.4





01/01/2021 0:00	2021	2	0	9.7	2	0	6.7	1	0	5.7
01/01/2022 0:00	2022	2	0	14.2	1	0	6.7	2	0	8.7
01/01/2023 0:00	2023	0.5	0	8	2	0	6.7	2	0	9.1
01/01/2024 0:00	2024	2	0	6.7	3	0	5.7	2	0	6
01/01/2025 0:00	2025	2	0	6.7	2	0	9.5	2	0	11.7
01/01/2026 0:00	2026	2.5	0	9.7	3.5	0	7	2	0	11
01/01/2027 0:00	2027	1	0	3	2	0	5	4	0	10
01/01/2028 0:00	2028	1.5	0	6.7	2	0	8	2	0	8.7
01/01/2029 0:00	2029	2.5	0	7.7	2.5	0	13.4	1	0	10.4
01/01/2030 0:00	2030	1.5	0	5.7	2	0	6.7	2	0	6.4
01/01/2031 0:00	2031	3	0	8.7	1	0	11.7	1.5	0	14.1
01/01/2032 0:00	2032	1.5	0	8.1	1.5	0	7.7	2.5	0	6
01/01/2033 0:00	2033	2	0	9.4	3.5	0	10.7	3	0	12.1
01/01/2034 0:00	2034	3	0	6.4	2	0	8.7	2	0	8.1
01/01/2035 0:00	2035	2	0	10.4	3	0	8	4	0	8.7
01/01/2036 0:00	2036	4	0	10.1	2.5	0	8.1	3	0	6
01/01/2037 0:00	2037	0	0	5.4	1.5	0	10.7	3	0	10.7
01/01/2038 0:00	2038	0	0	3.7	1	0	8.7	5	0.3	13.5
01/01/2039 0:00	2039	3	0	9.4	1.5	0	9.7	3	0	8.4
01/01/2040 0:00	2040	1	0	5.7	2	0	9.7	2.5	0	8.4
01/01/2041 0:00	2041	3	0	13.3	2	0	8.7	3	0	11.4
01/01/2042 0:00	2042	1.5	0	11.4	2	0	7	2	0	6.4
01/01/2043 0:00	2043	2	0	5.7	3.5	1	8.4	5	0	11.7
01/01/2044 0:00	2044	2	0	5	3.5	0	13.4	2.5	0	15.4
01/01/2045 0:00	2045	2	0	6	2	0	9.8	2	0	12.5
01/01/2046 0:00	2046	1	0	8.7	3.5	0	11.7	4	0	12.5
01/01/2047 0:00	2047	2	0	16.4	2.5	0	10.4	3.5	0.6	9.7
01/01/2048 0:00	2048	1	0	9	2	0	11.7	3	0	11.4
01/01/2049 0:00	2049	2	0	8.7	2.5	0	10.4	4	0	13.7
01/01/2050 0:00	2050	3	0	9	4	0	12.1	6	1.3	11
01/01/2051 0:00	2051	3	0	7.7	2	0	9.4	4	0	16
01/01/2052 0:00	2052	3	0	11.4	2	0	10.7	6	2	13.7
01/01/2053 0:00	2053	3	0	8.7	2	0	11	5.5	0.6	20.8
01/01/2054 0:00	2054	2	0	9.7	1.5	0	7.7	5	0.3	14.7
01/01/2055 0:00	2055	4	0	10.7	5	0	10.7	11	0	20.4
01/01/2056 0:00	2056	2	0	8	5	0	15.4	7	0	21.7
01/01/2057 0:00	2057	1	0	13.2	2	0	13.5	10	0	22.4

01/01/2058 0:00	2058	2	0	11	4	0	12.5	8	3	22.4
01/01/2059 0:00	2059	2	0	7.7	3	0	12.7	11	1.3	22.7
01/01/2060 0:00	2060	2	0	8.1	4.5	0	10	8	1	26.8
01/01/2061 0:00	2061	3.5	0	10.8	5	0	12.7	5.5	0	24.8
01/01/2062 0:00	2062	3.5	0	10.1	2.5	0	13.8	10.5	3.3	24.7
01/01/2063 0:00	2063	0.5	0	5.4	2.5	0	9.7	14.5	0	23
01/01/2064 0:00	2064	1.5	0	6.7	6	0.3	11.4	6.5	0	20.1
01/01/2065 0:00	2065	2.5	0	8.7	4	0	15.1	8.5	2	23
01/01/2066 0:00	2066	2	0	6.7	3.5	0	12	11.5	1.3	40.7
01/01/2067 0:00	2067	3	0	9	6	0.3	15	16.5	4	34.5
01/01/2068 0:00	2068	2.5	0	8.7	4.5	0	17.7	8.5	2.3	30.4
01/01/2069 0:00	2069	2	0	6.7	7.5	1.3	17.1	12	3.3	25.7
01/01/2070 0:00	2070	1.5	0	8.4	3.5	0.3	18.7	9	0	20
01/01/2071 0:00	2071	3	0	10.7	5	0	9	14	1.2	26
01/01/2072 0:00	2072	3.5	0	9.7	6	1	11.4	11	2	34.5
01/01/2073 0:00	2073	2	0	9.4	3	0	12.7	10.5	5	26.6
01/01/2074 0:00	2074	1	0	6.4	3	1	14	16	0.3	34.9
01/01/2075 0:00	2075	4	0	6.7	4	0	13.7	17.5	2.6	31.7
01/01/2076 0:00	2076	3.5	0	11.7	5.5	0	11	14.5	7.6	28.7
01/01/2077 0:00	2077	1.5	0	10.1	4.5	0.3	21.1	15.5	1.8	30.8
01/01/2078 0:00	2078	2	0	7.7	8.5	0	15.7	13	5.3	41.8
01/01/2079 0:00	2079	2	0	12.4	7	0	14	14.5	4	36.1
01/01/2080 0:00	2080	2	0	18.2	3.5	0	17.2	15.5	4.3	34.9
01/01/2081 0:00	2081	2.5	0	13.9	3.5	0	12	17.5	4.2	30.7
01/01/2082 0:00	2082	2	0	7.7	3.5	0	14.5	19.5	5.6	34.7
01/01/2083 0:00	2083	2.5	0	7.7	4	0	18.7	17	4.6	34.4
01/01/2084 0:00	2084	2	0	6.7	7.5	1.3	14.8	16.5	2.3	28
01/01/2085 0:00	2085	1.5	0	11.1	6	0	14.7	20.5	5	41.7
01/01/2086 0:00	2086	2.5	0	14.1	6	0	13.8	17	5	45.1
01/01/2087 0:00	2087	2.5	0	12.7	4.5	0	17.4	18	6.3	33.4
01/01/2088 0:00	2088	2	0	6.4	4	0	20.1	16.5	2	37.4
01/01/2089 0:00	2089	2	0	8.7	8	0	15	21	8.3	42
01/01/2090 0:00	2090	1	0	9.4	3.5	0	12.4	18	3.9	43.4
01/01/2091 0:00	2091	2	0	7.1	4.5	0	20.4	22.5	7	52.5
01/01/2092 0:00	2092	3.5	0	7.7	4.5	0	17.4	20.5	9.5	38.7
01/01/2093 0:00	2093	3	0	10	4.5	0	11.1	17.5	6.9	47
01/01/2094 0:00	2094	2.5	0	8.7	4.5	0	17.8	22.5	3	40

01/01/2095 0:00 2095	2	0	5	6.5	0	19.7	18.5	4.3	42.3
01/01/2096 0:00 2096	2	0	10.8	7	1.3	18.1	18.5	5	45.4
01/01/2097 0:00 2097	3	0	7.7	3	0	17.8	22.5	8.6	44
01/01/2098 0:00 2098	2	0	13.6	4.5	0	18	30.5	9.3	53.7
01/01/2099 0:00 2099	1	0	4.4	8	0.6	19.5	36	3.2	54.7







01/01/2021 0:00	2021	110.5	91.8	128	114	97.1	125.1	115.5	100.3	126
01/01/2022 0:00	2022	113	95.2	129.4	117.5	97.9	129	108.5	94.6	117.7
01/01/2023 0:00	2023	109	89.6	124.1	105.5	93.6	134.7	107.5	95.3	132.5
01/01/2024 0:00	2024	111.5	98.6	131.1	104.5	91.9	113.4	112	98.3	129
01/01/2025 0:00	2025	112	102.6	132	111	98.3	125.4	112	90.9	128
01/01/2026 0:00	2026	115	99.9	128.7	107.5	90.3	122.1	109	98.3	129.4
01/01/2027 0:00	2027	106.5	96	127.2	114	90	124.5	107	91.5	126.4
01/01/2028 0:00	2028	110	91.3	126.8	106	85.4	124	106.5	81.7	119.7
01/01/2029 0:00	2029	108	90	119.8	116.5	97	133.7	110	91.3	118.7
01/01/2030 0:00	2030	108.5	94.3	127.7	117.5	95.1	127.7	103	83.2	121.4
01/01/2031 0:00	2031	116	96.9	131.9	108.5	92.9	126.8	114.5	102.3	123
01/01/2032 0:00	2032	115.5	92.3	134.4	110.5	84.6	131.2	113.5	91.2	126.1
01/01/2033 0:00	2033	110.5	94.1	124.7	109	90.9	126.7	107	90.5	122.7
01/01/2034 0:00	2034	106.5	93.3	120	107	93.6	120.8	107.5	80.3	126
01/01/2035 0:00	2035	110.5	94.2	127.4	112	98.3	129.7	102.5	87.3	124.4
01/01/2036 0:00	2036	106.5	91	128.6	108.5	90.3	120.4	110	90.1	126.7
01/01/2037 0:00	2037	111.5	97.3	126.5	107.5	89.5	117.8	99	78.5	120
01/01/2038 0:00	2038	113.5	90.9	133.9	111	85	124.9	102	84	111.7
01/01/2039 0:00	2039	105.5	84.6	117.7	106	93.6	124.4	103.5	76.9	128.4
01/01/2040 0:00	2040	108	82.8	123.7	108.5	94.3	128.7	104	87.7	129.4
01/01/2041 0:00	2041	109	89.6	126.9	105.5	89.2	119.1	94	81.9	124.7
01/01/2042 0:00	2042	106	92.4	124.7	104.5	87.8	118.7	103	77	119.4
01/01/2043 0:00	2043	112	91.4	121.7	104	77.9	118	99.5	70.8	126.4
01/01/2044 0:00	2044	107	89	125.8	99.5	80.1	114.1	98	81.6	119.5
01/01/2045 0:00	2045	104.5	94	120.2	98	82.4	119.1	103.5	78.3	119.7
01/01/2046 0:00	2046	107	89.6	121.7	105.5	85.8	121.5	102	78.1	114
01/01/2047 0:00	2047	107	88.3	126.4	104.5	91.6	114.7	98.5	86.3	119.4
01/01/2048 0:00	2048	107	89.2	122.2	110.5	92.3	122.1	99	75	115.8
01/01/2049 0:00	2049	109.5	86.1	123.7	102.5	86	118.7	96	78.6	114.8
01/01/2050 0:00	2050	112	92.2	127.9	105	84	118.7	95	80.3	117.7
01/01/2051 0:00	2051	107.5	88	117.7	101.5	84.2	113.7	99.5	77.2	112
01/01/2052 0:00	2052	110.5	91.6	129.4	102	83.6	113.4	101.5	81.1	118.7
01/01/2053 0:00	2053	110	94.5	122.9	101.5	80.9	118.7	87.5	78.9	108.5
01/01/2054 0:00	2054	107	88.1	123.4	104	79.3	119	98	83.9	125.1
01/01/2055 0:00	2055	104.5	84.6	120.1	98	74	119.5	94	63.5	114.4
01/01/2056 0:00	2056	103	79.1	118.4	102	78.9	116.7	96.5	66.6	106.7
01/01/2057 0:00	2057	103.5	88.9	128.7	104	87.6	115	91.5	77.2	116.5

01/01/2058 0:00	2058	108.5	85.5	128.2	104	88.3	116.4	92.5	63	111.4
01/01/2059 0:00	2059	106	70.9	119	103.5	91	122.5	92.5	59.6	106.1
01/01/2060 0:00	2060	106.5	88.3	119.4	101	87.3	118.2	90.5	64.1	109
01/01/2061 0:00	2061	104	85.6	123.8	100.5	85.9	115.1	92.5	69.6	114.3
01/01/2062 0:00	2062	101.5	77.8	126	100.5	73.1	117.7	95	65.5	106.8
01/01/2063 0:00	2063	108.5	95.6	124.7	104	57.2	115.8	87.5	65.6	100.7
01/01/2064 0:00	2064	103	89	131.1	97.5	74	113.3	84	61	108.2
01/01/2065 0:00	2065	103.5	86.7	118.5	97.5	72.8	119.7	89	64	105.7
01/01/2066 0:00	2066	104	84.6	122.5	94.5	75.9	110.7	89	60.5	109
01/01/2067 0:00	2067	110.5	99.6	126.4	96	75.5	112.7	86	60	112.9
01/01/2068 0:00	2068	103.5	93.3	122.4	96.5	63	125.8	78.5	62.4	108.2
01/01/2069 0:00	2069	107.5	93.6	124.4	100.5	80	120.4	81	56.2	95.2
01/01/2070 0:00	2070	109	91.3	118.5	97	81.9	114.8	85	50.8	108.4
01/01/2071 0:00	2071	105	89	122.1	99.5	78.3	114.8	87.5	69.3	101
01/01/2072 0:00	2072	109	86.2	130.7	105.5	78.3	118.8	87	60.2	108.8
01/01/2073 0:00	2073	112.5	96.3	120.7	95.5	72.1	116	87	48.7	105.6
01/01/2074 0:00	2074	108	89.6	116.1	101.5	81.3	115.4	84.5	57.3	100.4
01/01/2075 0:00	2075	110.5	96.9	122	92	75.9	112.4	83.5	62	104.1
01/01/2076 0:00	2076	99.5	88	113.4	95.5	81.6	115.7	78	55.2	96.8
01/01/2077 0:00	2077	109	93.7	124.7	94.5	72.9	113	75	53.2	103.4
01/01/2078 0:00	2078	109	83.3	126.4	93.5	72.6	121	71.5	53.9	98.7
01/01/2079 0:00	2079	108	84.6	119.1	94.5	70.7	120.1	71	56.9	98.2
01/01/2080 0:00	2080	110	86.3	122.1	97.5	86.3	105.7	78.5	52.2	94.8
01/01/2081 0:00	2081	111.5	93.9	125.7	100.5	73.1	118.4	79.5	38.9	95
01/01/2082 0:00	2082	101	88.9	117.7	94	68.6	109	70.5	43.4	88.7
01/01/2083 0:00	2083	107.5	92.3	126.7	91	72.5	112.7	69.5	52.6	91.5
01/01/2084 0:00	2084	108.5	87.3	123.7	85	63.9	112.4	77	51.2	93.7
01/01/2085 0:00	2085	107	88.3	122.8	97.5	69.1	111.7	78	51.6	98.7
01/01/2086 0:00	2086	108.5	84.3	117	94	71.6	107.7	80	51.6	95.4
01/01/2087 0:00	2087	103	84.3	119.7	93	72.3	107.7	69	36.6	93.7
01/01/2088 0:00	2088	105	76.9	118.1	102	75	126	72	50.3	99.4
01/01/2089 0:00	2089	106.5	82.7	127.7	94	67.7	115.8	66.5	53	90.7
01/01/2090 0:00	2090	107.5	88.3	129	91	67.6	109.1	72	43.6	94.4
01/01/2091 0:00	2091	108.5	86.5	128.7	95.5	76	106.4	64	39	86.5
01/01/2092 0:00	2092	106	79.7	121.3	94	73.9	113.7	67.5	42.6	88.8
01/01/2093 0:00	2093	112.5	85.8	122	98	79.6	110.7	67	37.9	96.1
01/01/2094 0:00	2094	110.5	90.7	122.7	94	74.9	117.4	66	40.1	100.3

01/01/2095 0:00 2095	109.5	88.1	126.7	94	79.3	111	69.5	41.7	97.6
01/01/2096 0:00 2096	111	91.2	130	96.5	76.9	108	66.5	39	94.9
01/01/2097 0:00 2097	103	83.3	120.1	101	54.3	117.7	59.5	45.3	79.8
01/01/2098 0:00 2098	108.5	89.9	131	94.5	71.3	118	61.5	25.5	91.5
01/01/2099 0:00 2099	102.5	84.6	119.1	93	69.3	108.7	59	32.6	94





01/01/2021 0:00	2021	64	45.9	74.4	65	46.6	81.1	62.5	54.3	73.1
01/01/2022 0:00	2022	61.5	42.6	79.2	67.5	49.1	82.4	55	41.8	74.7
01/01/2023 0:00	2023	59.5	46.3	71.5	56	38.8	79.4	53	42.3	71.4
01/01/2024 0:00	2024	56.5	49.6	77.1	50	38.3	69	58	45.8	76.7
01/01/2025 0:00	2025	60.5	44.3	78.5	63	45.2	79.4	58	45.3	76.5
01/01/2026 0:00	2026	65	50.3	76.7	56	41	75.1	57.5	49	70.1
01/01/2027 0:00	2027	53.5	39.6	75	60	45	70.4	54	36.8	78.1
01/01/2028 0:00	2028	56	41.6	74.2	55	37.9	76.7	55	34.3	75.4
01/01/2029 0:00	2029	61	38.5	71.7	65.5	47.9	83.4	55	40.5	69.1
01/01/2030 0:00	2030	60	39.8	72	62	43	75.7	52	38	67.7
01/01/2031 0:00	2031	61	39.9	82.4	58	40.3	73.5	58	43.3	75.4
01/01/2032 0:00	2032	56.5	42.3	77.4	58.5	36.6	77.7	59.5	41.3	76
01/01/2033 0:00	2033	60	39.6	79.5	49.5	37.6	77.7	54.5	36.6	65
01/01/2034 0:00	2034	53.5	36.3	66.7	54	34.5	70.7	55.5	27.3	78.6
01/01/2035 0:00	2035	63.5	42.9	76.7	62	42.8	79.9	52	37	73.8
01/01/2036 0:00	2036	55	33.2	69	55	39.5	72.4	59.5	36.2	76.4
01/01/2037 0:00	2037	60.5	35	80.7	49	38.3	68.4	51	32.3	64.7
01/01/2038 0:00	2038	61	44.6	79.7	54.5	33	66	53	32.5	73.7
01/01/2039 0:00	2039	56.5	32.6	73.7	59	38.8	75.5	48	33.2	71.5
01/01/2040 0:00	2040	55	27.9	69.7	57.5	39.1	72.9	56.5	39.2	71.8
01/01/2041 0:00	2041	53.5	31.3	75.1	55.5	38.6	67	48	37	68.4
01/01/2042 0:00	2042	61.5	42.7	69	56.5	38.9	65	47	31.6	66.8
01/01/2043 0:00	2043	55	44.8	67	47	27.6	66.4	48.5	30	57.7
01/01/2044 0:00	2044	60	40.6	73	46.5	34.3	61.4	49	30.9	64.4
01/01/2045 0:00	2045	51	41.2	72.8	50	31	62	46.5	27.3	64.4
01/01/2046 0:00	2046	53	34.3	78.9	56	33.1	66.1	53	36.3	64.1
01/01/2047 0:00	2047	57.5	41.5	69.4	52	36.3	63.1	43	35.6	66.4
01/01/2048 0:00	2048	58.5	33.6	72.8	57.5	33.3	68.7	43	25.9	59.1
01/01/2049 0:00	2049	55.5	33.7	85.6	49.5	34	72.7	47	32.6	59
01/01/2050 0:00	2050	60	45	79.1	54	40.3	67	42.5	28.2	59.7
01/01/2051 0:00	2051	62	33.4	72.8	53	32	68	43	29.3	67.3
01/01/2052 0:00	2052	60.5	32.2	73	47.5	37.6	58.7	48	30.9	68.9
01/01/2053 0:00	2053	60	35.3	75.4	50	27.3	68.2	40.5	27.3	59.3
01/01/2054 0:00	2054	57	40.3	74.9	48.5	32.9	65.7	44	29.3	62.8
01/01/2055 0:00	2055	53	34.2	71	48	23.2	64.9	41.5	26	60.4
01/01/2056 0:00	2056	50	32	67.1	46.5	33.2	59.1	45	24.8	55.2
01/01/2057 0:00	2057	54	34.9	70.1	53	37.2	66.8	43.5	22.9	61.9

01/01/2058 0:00	2058	52	41.6	75.1	49	33.2	64.4	40	18.3	58.8
01/01/2059 0:00	2059	59.5	35.3	72.4	52	33.7	69.4	41	19	59.9
01/01/2060 0:00	2060	52	28.6	67.4	48	35	68.1	41.5	15.3	60.9
01/01/2061 0:00	2061	52	35.3	67.2	43.5	36.6	64.7	41	24.3	63.9
01/01/2062 0:00	2062	49	24.3	77.7	50.5	22.3	69.1	42.5	21.2	54.1
01/01/2063 0:00	2063	53	36.6	72	46.5	14.6	73	34.5	13.6	50.1
01/01/2064 0:00	2064	56	35.6	71.4	44.5	28.4	58.4	33.5	20.2	63
01/01/2065 0:00	2065	50	37.3	63	43	28.9	61.6	34.5	14.5	61.1
01/01/2066 0:00	2066	54.5	37.6	72.2	41.5	21.9	55.4	33.5	14.8	62
01/01/2067 0:00	2067	53.5	44.6	65.7	41.5	27.3	55.7	35	23.3	62.4
01/01/2068 0:00	2068	53	35.2	61.7	42	18.5	62.7	35	18.5	54.6
01/01/2069 0:00	2069	54.5	34.6	73.8	50	31	66.7	26.5	17.3	49
01/01/2070 0:00	2070	57.5	37.1	67.4	46.5	32	63	29.5	14.6	47.4
01/01/2071 0:00	2071	49.5	37	67.7	45	22.5	61.8	28	13	46.4
01/01/2072 0:00	2072	54	36.9	78.8	48	34	63.4	37	14.6	55.4
01/01/2073 0:00	2073	58.5	39.5	67	41	26.9	65.8	24.5	15.6	55.3
01/01/2074 0:00	2074	51	38.9	63.4	48.5	32.2	65.7	29	13.6	49.6
01/01/2075 0:00	2075	54.5	40	66.1	44.5	28.2	58.4	29.5	16.5	45.7
01/01/2076 0:00	2076	51.5	35.3	67.7	43	28.5	64.4	28	14.3	46.7
01/01/2077 0:00	2077	55.5	41.3	77.7	45	24.3	60.8	24.5	11	48.7
01/01/2078 0:00	2078	59	33.1	75	46	26.3	55.7	24.5	8.2	49
01/01/2079 0:00	2079	57	39.3	66.7	44.5	26.9	61.5	22	8.9	41.1
01/01/2080 0:00	2080	49.5	35.6	63.7	48.5	34.3	59.4	22	7.5	39.4
01/01/2081 0:00	2081	58	34	76.1	43	27.2	64.1	22.5	4.6	43.5
01/01/2082 0:00	2082	49.5	31.8	65.1	42	26.3	60.5	20.5	3	34.7
01/01/2083 0:00	2083	56	36.5	69.4	44.5	24.6	61.7	20.5	6.3	45
01/01/2084 0:00	2084	55.5	39.3	76.5	37.5	20.6	62	23	13.3	35.9
01/01/2085 0:00	2085	56	38.3	74.7	51	24.6	62.4	27.5	10.6	39.1
01/01/2086 0:00	2086	50	36	66.7	41	28.3	59.3	24	9.9	37
01/01/2087 0:00	2087	57	33.2	70	42	36.3	56.9	20.5	4	39.7
01/01/2088 0:00	2088	53	25.9	63	46	27.9	67.4	21	6.3	41
01/01/2089 0:00	2089	48	40.3	70.7	46.5	21.3	60.1	19.5	4	42
01/01/2090 0:00	2090	59.5	33.6	76.4	37	13.6	61	21.5	5.3	35.7
01/01/2091 0:00	2091	54	30	73.2	45	30.6	54.4	20.5	3.6	36
01/01/2092 0:00	2092	55.5	38	67.1	49	24.6	64.7	21	4.6	48.2
01/01/2093 0:00	2093	54	35.9	79.7	47.5	29.9	56.4	20	1.6	41.7
01/01/2094 0:00	2094	59.5	38.2	78	45.5	28	68.1	18	4.2	46.7

01/01/2095 0:00 2095	52.5	29.8	67.7	44.5	26.3	54.7	24	2.6	37.9
01/01/2096 0:00 2096	53.5	30.7	79.7	41	25.6	59.7	18.5	4.3	38.5
01/01/2097 0:00 2097	53.5	39.3	74.1	49	20.1	62.4	17.5	1	27.7
01/01/2098 0:00 2098	58	40.3	76.7	48.5	17.7	66.1	15.5	2	32.7
01/01/2099 0:00 2099	49.5	31	69.4	40	25.9	59.7	14	0	30.4







01/01/2021 0:00	2021	6825.33	6469.42	7456.76	6936.3	6417.54	7451.5	6960.79	6583.57	7404.33
01/01/2022 0:00	2022	6937.4	6316.92	7463.75	7055.71	6574.38	7456.47	6779.86	6301.07	7101.37
01/01/2023 0:00	2023	6748.13	6369.26	7275.15	6769.19	6388.08	7621.64	6699.96	6245.57	7267.89
01/01/2024 0:00	2024	6749.7	6419.85	7367.16	6735.59	6247.89	7061.64	6912.47	6543.77	7365.18
01/01/2025 0:00	2025	6928.36	6488.83	7463.97	6871.26	6402.9	7322.85	6944.1	6339.67	7354.04
01/01/2026 0:00	2026	6875.77	6569.11	7476.46	6704.8	6272.35	7289.92	6793.57	6493.43	7360.61
01/01/2027 0:00	2027	6719.89	6203.88	7551.89	6931.49	6264.95	7233.23	6736.47	6234.41	7438.49
01/01/2028 0:00	2028	6674.24	6391.77	7438.27	6759.86	6139.17	7383.25	6734.12	6165.22	7272.87
01/01/2029 0:00	2029	6794.07	6242.93	7124.98	7083.05	6474.72	7596.35	6653.26	6262.66	7061.58
01/01/2030 0:00	2030	6861.34	6343.55	7267.01	6919.81	6534.08	7211.07	6612.5	6200.02	7048.53
01/01/2031 0:00	2031	7040.08	6398.33	7498.28	6765.4	6212.08	7325.75	6831.73	6509.45	7182.44
01/01/2032 0:00	2032	6821.97	6313.77	7488.21	6748.57	6144.93	7591.33	6655.2	6396.12	7258.37
01/01/2033 0:00	2033	6917.8	6332.86	7312.83	6772.27	6064.02	7241.24	6656.19	6034.45	7003.67
01/01/2034 0:00	2034	6698.15	6225.36	7067.09	6718.82	6249	6992.83	6756.05	5661.73	7268.38
01/01/2035 0:00	2035	6895.12	6257.01	7331.36	6894.8	6345.59	7379.26	6544.58	6103.2	7152.2
01/01/2036 0:00	2036	6719.28	6175.77	7267.82	6829.07	6281.19	7125.29	6765.11	6268.52	7153.92
01/01/2037 0:00	2037	6765.8	6282.48	7499.79	6606.19	6143.83	7169.47	6604.15	5809.91	7013.64
01/01/2038 0:00	2038	6845.01	6450.11	7277.89	6762.11	5939.97	7135.93	6536.27	5787.68	6960.53
01/01/2039 0:00	2039	6735.77	5949.52	7113.2	6880.69	6205.38	7145.25	6663.87	6150.48	7245.27
01/01/2040 0:00	2040	6764.33	6072.03	7187.91	6690	6253.78	7152.39	6576.09	6211.31	7207.2
01/01/2041 0:00	2041	6667.12	5989.03	7308.7	6611.97	6217.25	6971.23	6497.15	5883.16	6926.51
01/01/2042 0:00	2042	6780.42	6120.46	7089.12	6624.25	6183.37	6976.81	6514.8	5804.28	6961.8
01/01/2043 0:00	2043	6684.03	6269.83	7044.76	6552.25	5673.73	7093.55	6397.19	5629.76	7165.39
01/01/2044 0:00	2044	6789.04	6337.14	7383.5	6509.07	6095.9	6806.01	6345.52	5768.18	7011.08
01/01/2045 0:00	2045	6724.47	6244.39	7158.81	6467.41	6047.67	6922.5	6413.53	5884.83	6830.28
01/01/2046 0:00	2046	6760.23	6056.48	7264.44	6675.34	5932.34	7001.58	6391.85	6059.75	6808.67
01/01/2047 0:00	2047	6688.08	6205.41	7077.46	6580.7	6157.75	6918.91	6349.11	5893.68	6913.72
01/01/2048 0:00	2048	6643.34	6116.82	7248.14	6698.76	6115.78	7215.08	6300.62	5766.63	6840.99
01/01/2049 0:00	2049	6644.76	6202.22	7193.99	6429.75	6000.86	7064.91	6229.35	5831.71	6629.34
01/01/2050 0:00	2050	6664.93	6252.69	7476.58	6667.96	6168.09	6964.46	6204.78	5783.66	6648.51
01/01/2051 0:00	2051	6705.82	6119.9	7172.98	6477.39	5937.4	6924.23	6253.74	5787.62	6780.76
01/01/2052 0:00	2052	6825.9	6032.29	7262.12	6491.4	6089.56	6737.14	6302.83	5645.72	7108.01
01/01/2053 0:00	2053	6753.38	6301.16	7187.26	6309.29	5968.27	7202.24	6110.07	5637.23	6573.02
01/01/2054 0:00	2054	6796.77	6272.28	7139.89	6520.41	5802.38	6879.75	6204.04	5900.74	6893.55
01/01/2055 0:00	2055	6648.98	6009.49	7102.05	6362.62	5731.43	7144.2	5967.75	5460.65	6800.57
01/01/2056 0:00	2056	6534.32	6034.98	7058.54	6416.52	6062.92	6760.27	6073.67	5419.93	6502.84
01/01/2057 0:00	2057	6650.86	6231.14	7303.22	6566.86	6025.78	6991.75	6065.28	5419.6	6692.79

01/01/2058 0:00	2058	6731.2	6103.79	7273.63	6360.09	5977.38	6810.96	5845.09	5533	6435.78
01/01/2059 0:00	2059	6769.85	5793.46	7146.57	6466.32	6090.57	7050.32	6012.44	5386.22	6516.28
01/01/2060 0:00	2060	6604.49	5871.45	6979.24	6463.58	5827.84	6999.08	6068.52	5226.44	6783.78
01/01/2061 0:00	2061	6639.96	6039.72	7151.7	6387.6	6038.75	6853.68	6119.09	5397.01	6549.39
01/01/2062 0:00	2062	6450.7	5702.99	7182.98	6526.3	5555.89	6942.67	6082.62	5311.46	6488.38
01/01/2063 0:00	2063	6697.85	6302.98	7371.66	6462.59	5335.65	7001.34	5780.07	5161.96	6458.58
01/01/2064 0:00	2064	6705.13	6083.86	7317.62	6288.79	5840.21	6854.15	5853.7	5360.64	6627.55
01/01/2065 0:00	2065	6718.4	6124.19	6962.06	6285.98	5744.86	6790.41	5967.65	5325.84	6500.59
01/01/2066 0:00	2066	6713.76	6046.91	7121.59	6181.44	5566.35	6647.14	5879.79	5082.63	6616.68
01/01/2067 0:00	2067	6707.14	6480.75	7218.44	6204.66	5633.3	6722.41	5810.73	5123.98	6286.15
01/01/2068 0:00	2068	6729.36	5993.87	7070.84	6348.59	5580.32	6895.24	5815.89	5050.55	6475.56
01/01/2069 0:00	2069	6576.35	6111.71	7210.86	6432.66	5795.66	7004.11	5581.75	5203.18	6113.85
01/01/2070 0:00	2070	6688.38	6067.95	7084.58	6220.47	5900.53	6635.7	5698.33	4929.16	6340.34
01/01/2071 0:00	2071	6661.73	6007.76	7197.85	6240.66	5718.13	6736.54	5687.75	5208	6456.05
01/01/2072 0:00	2072	6695.89	6286.12	7380.52	6352.78	5725.04	6669.49	5702.62	5205.64	6305.72
01/01/2073 0:00	2073	6825.13	6045.03	7165.1	6290.85	5646.05	7067.24	5647.99	4691.39	6214.09
01/01/2074 0:00	2074	6633.18	6189.36	6997.21	6412.56	5827.17	6856.52	5656.44	4888.26	6250.39
01/01/2075 0:00	2075	6694.23	6199.65	7120.76	6167.96	5705.51	6602.12	5520.24	5149.96	6152.96
01/01/2076 0:00	2076	6471.55	6063.43	6895.36	6252.32	5944.01	6875.23	5592.25	4826.94	6093.91
01/01/2077 0:00	2077	6876.2	6393.4	7287.09	6259.84	5698.56	6925.5	5446.48	4733.07	6044.01
01/01/2078 0:00	2078	6828.46	6256.54	7205.89	6093.8	5468.51	6848.55	5365.54	4738.78	6103.53
01/01/2079 0:00	2079	6654.29	5996.49	7115.09	6234.71	5500.72	6711.93	5358.13	4882.32	5975.01
01/01/2080 0:00	2080	6665.95	6165.71	7042.04	6243.64	5813.07	6696.8	5502.36	4799.99	6008.06
01/01/2081 0:00	2081	6841.14	6199.2	7239.62	6265.93	5642.28	6717.06	5564.63	4687.04	5887.38
01/01/2082 0:00	2082	6466.84	6223.56	6883.89	6195.13	5503.5	6588.84	5361.58	4603.22	5826.91
01/01/2083 0:00	2083	6676.79	6017.48	7210.58	6099.37	5550.68	6895.43	5188.14	4821.74	5930.24
01/01/2084 0:00	2084	6705.64	6160.99	7154.99	6033.85	5284.26	6768.98	5339.53	4683.39	5896.01
01/01/2085 0:00	2085	6739.32	5977.34	7208.76	6294.78	5462.71	7030	5420.69	4751.55	6022.13
01/01/2086 0:00	2086	6627.74	6141.64	7003.08	6195.42	5541.64	6701.8	5353.52	4759.09	6042.17
01/01/2087 0:00	2087	6738.85	5716.6	7082.51	6293.62	5675.96	6797.83	5186.58	4788.71	5836.5
01/01/2088 0:00	2088	6552.69	5871.21	6891.22	6286.23	5713.35	6971.49	5286.69	4699.64	6103.36
01/01/2089 0:00	2089	6491.83	5928.91	7230.54	6205.01	5459.26	6744.82	5196.05	4444.06	5944.33
01/01/2090 0:00	2090	6697.44	6128.35	7315.11	6086.37	5385.88	6737.34	5292.25	4795.65	6121.16
01/01/2091 0:00	2091	6721.82	6067.94	7134.1	6200.04	5791.87	6585.56	5043.7	4267.41	5664.85
01/01/2092 0:00	2092	6585.39	6112.51	7188.09	6299.76	5387.48	6733.45	5233.33	4533.32	5893.11
01/01/2093 0:00	2093	6738.22	6113.85	7208.82	6313.44	5686.25	6620.75	5117.37	4287.29	5838.54
01/01/2094 0:00	2094	6742.01	6338.42	7228.76	6173.82	5554.88	6807.13	5098.31	4515.56	5856.85

01/01/2095 0:00 2095	6681.96	6012.46	7155.82	6223.76	5533.19	6683.14	5316.23	4341.14	5858.52
01/01/2096 0:00 2096	6758.66	6109.53	7070.26	6038.94	5741.44	6602.45	5105.44	4331.45	5901.69
01/01/2097 0:00 2097	6682.84	6164.49	7069.39	6232.63	5397.1	6924.14	5052.67	4309.13	5399.96
01/01/2098 0:00 2098	6839.09	6283.33	7250.72	6121.47	5658.68	6735.63	4979.33	4386.28	5771.77
01/01/2099 0:00 2099	6570.28	5962.23	7093.04	6060.95	5454.15	6604.49	4928.02	4107.97	5759.42



01/01/1984 0:00	1984	4.38	81.72									
01/01/1985 0:00	1985	5.65	63.01									
01/01/1986 0:00	1986	4.26	49.17									
01/01/1987 0:00	1987	4.85	51.77									
01/01/1988 0:00	1988	10.7	56.22									
01/01/1989 0:00	1989	5.38	64.33									
01/01/1990 0:00	1990	9.58	54.19									
01/01/1991 0:00	1991	5.79	63.58									
01/01/1992 0:00	1992	5.2	65.48									
01/01/1993 0:00	1993	5.16	61.31									
01/01/1994 0:00	1994	2.2	64.84									
01/01/1995 0:00	1995	5.98	57.25									
01/01/1996 0:00	1996	6.1	54.78									
01/01/1997 0:00	1997	9.34	59.7									
01/01/1998 0:00	1998	15.5	56.3									
01/01/1999 0:00	1999	6.17	50.21									
01/01/2000 0:00	2000	11.63	52.79									
01/01/2001 0:00	2001	2.59	67.91									
01/01/2002 0:00	2002	11.45	66.68									
01/01/2003 0:00	2003	2.63	63.58									
01/01/2004 0:00	2004	14.05	56.29									
01/01/2005 0:00	2005	9.33	77.3	33.12	9.33	77.3	34.89	9	77.11	34.49	9.19	77.41
01/01/2006 0:00	2006			32.8	11.79	86.08	38.29	9.1	72.47	38.65	8.78	64.04
01/01/2007 0:00	2007			39.4	5.31	68.74	27.39	11.47	94.79	29.21	18.5	87.55
01/01/2008 0:00	2008			27.73	4.18	64.11	36.79	11.58	100.9	31.12	10.63	52.49
01/01/2009 0:00	2009			39.4	11.29	67.59	31.33	10.44	77.88	44.84	13.58	98.5
01/01/2010 0:00	2010			29.48	16.38	70.38	41.68	14.16	90.79	28.77	6.06	109.97
01/01/2011 0:00	2011			32.27	7.99	76.4	42.79	22	85.13	35.77	12.68	99.78
01/01/2012 0:00	2012			46.89	10.39	99.12	29.36	12.81	86.11	46.01	20.5	74.28
01/01/2013 0:00	2013			24.71	10.07	62.22	42.34	6.83	87.06	29.11	6.51	83.02
01/01/2014 0:00	2014			46.01	10.93	64	50.43	23.62	118.63	36.29	17.6	66.49
01/01/2015 0:00	2015			39	23.34	120.05	45.47	21.51	89.64	44.2	25.42	107.26
01/01/2016 0:00	2016			46.98	11.65	122.59	29.54	9.99	62.73	45.89	18.13	111.93
01/01/2017 0:00	2017			48.95	13.74	91.67	40.47	20.49	80.33	33.46	15.34	97.62
01/01/2018 0:00	2018			37.26	12.06	131.52	49.84	17.1	108.94	38.59	14.71	94.69
01/01/2019 0:00	2019			38.57	17.51	101.81	57.25	19.36	106.42	43.84	15.4	88.5
01/01/2020 0:00	2020			32.61	11.2	102	35.48	9.05	85.42	47.97	10.57	99.41

01/01/2021 0:00	2021	55.1	17.47	104.23	55.09	25.7	85.81	38.31	13.24	103.1
01/01/2022 0:00	2022	51.09	21.48	162.09	37.31	12.22	93.53	71.94	24.39	114.01
01/01/2023 0:00	2023	46.08	18.81	114.44	42.59	17.96	90.5	58.56	19.75	116.45
01/01/2024 0:00	2024	49.67	28.95	87.33	48.38	16.18	108.13	50.8	15.58	104.51
01/01/2025 0:00	2025	49.24	23.25	90.51	65.07	26.48	121.23	53.6	23.16	123.21
01/01/2026 0:00	2026	57.59	20.71	118.15	66.48	25.34	130.11	71.22	29.35	146.84
01/01/2027 0:00	2027	58.45	19.04	103.08	51.42	35.6	90.22	72.88	22.92	136.5
01/01/2028 0:00	2028	51.5	21.72	128.59	47	25.53	127.73	54.97	10.3	146.89
01/01/2029 0:00	2029	56.15	15.76	103.12	63.73	16.25	127.72	65.31	22.88	115.6
01/01/2030 0:00	2030	49.68	21.05	96.85	74.66	16.18	106.18	49.63	26.8	106.16
01/01/2031 0:00	2031	58.15	23.89	118.61	64.57	28.54	138.94	56.23	16.03	147.19
01/01/2032 0:00	2032	51.85	19.53	111.8	56.94	21.87	104.52	65.16	44.39	119.11
01/01/2033 0:00	2033	46.28	9.76	128.55	68.85	22.87	166.9	74.15	20.12	147.26
01/01/2034 0:00	2034	66.86	28.03	112.34	60.79	20.58	111.38	65.06	20.35	130.31
01/01/2035 0:00	2035	49.51	16	141.1	65.52	24.9	104.24	78.07	29.48	126.71
01/01/2036 0:00	2036	68.64	25.46	123.88	57.36	9.58	112.42	67.8	34.04	124.15
01/01/2037 0:00	2037	42.24	19.72	101.46	51.64	20.38	115.78	77.87	35.43	145.43
01/01/2038 0:00	2038	52.05	19.96	90.1	55.66	26.02	131.45	90.02	41.64	161.91
01/01/2039 0:00	2039	77.45	31.12	147.19	56.74	25.14	144.68	65.71	27.47	161.66
01/01/2040 0:00	2040	50.51	23.03	108.25	65.62	20.72	128.45	76.27	17.77	136.03
01/01/2041 0:00	2041	65.82	25.9	180.57	74.19	28.75	134.34	86.74	48.68	151.7
01/01/2042 0:00	2042	54.29	28.64	136.42	70.39	26.17	104.93	60.14	17.38	132.98
01/01/2043 0:00	2043	54.13	17.05	103.12	66.67	34.55	157.22	81.43	29.55	153.69
01/01/2044 0:00	2044	53.54	15.81	100.63	70.46	36.56	173.55	69.01	28.87	178.85
01/01/2045 0:00	2045	50.41	19.83	112.49	55.24	18.27	157.61	76.57	21.04	167.18
01/01/2046 0:00	2046	57.5	25.41	116.17	72.35	23.92	156.19	82.71	39.09	178.07
01/01/2047 0:00	2047	59.69	8.09	175.91	65.24	30.56	146.58	113.81	51.61	150.53
01/01/2048 0:00	2048	52.14	14.48	157.56	70.94	34.26	136.41	87.63	22.84	184.28
01/01/2049 0:00	2049	67.85	23.54	126.5	71.98	27.48	139.14	88.57	43.26	176.83
01/01/2050 0:00	2050	85.83	12.47	129.85	88.78	29.16	144.5	114.46	50.15	201.95
01/01/2051 0:00	2051	66.85	7.93	134.11	89.08	33.41	144.3	115.38	39.39	206.94
01/01/2052 0:00	2052	63.32	19.68	144.33	68.38	48.44	155.81	113.33	51.84	178.96
01/01/2053 0:00	2053	73.87	22.94	109.79	68.63	21.04	156.15	105.41	40.77	258.99
01/01/2054 0:00	2054	69.93	23.77	145.93	81.54	28.13	119.86	108.35	41.36	205.22
01/01/2055 0:00	2055	62.42	40.55	149.29	85.6	25.81	177.33	151.78	34.67	242.38
01/01/2056 0:00	2056	60.26	24.15	116.72	73.19	30.92	211.96	119.45	50.8	260.78
01/01/2057 0:00	2057	52.47	22.82	161.42	66.5	19.24	211.05	149.28	36.63	224.75



01/01/2058 0:00	2058	53.68	27	134.76	82.61	30.58	147.46	127.98	67.05	268.08
01/01/2059 0:00	2059	45.69	21.72	138.43	87.41	44.19	187.86	156.13	64.75	267.13
01/01/2060 0:00	2060	63.46	22.01	123.73	108	35.55	155.29	136.71	68.48	280.87
01/01/2061 0:00	2061	72.79	24.56	119.6	113.39	34.62	166.86	110.8	50.92	288.38
01/01/2062 0:00	2062	76.02	38.27	164.03	74.56	38.01	217.94	159.7	90.77	280.83
01/01/2063 0:00	2063	46.86	10.14	96.93	68.29	52	148.5	211.82	86.32	305.05
01/01/2064 0:00	2064	56.05	24.9	92.44	95.64	51.81	204.74	129.62	47.72	274.3
01/01/2065 0:00	2065	64.89	25.43	129.64	100.79	38.77	189.82	163.09	104.46	269.88
01/01/2066 0:00	2066	52.38	21.51	120.42	85.26	28.35	177.47	171.17	61.13	368.53
01/01/2067 0:00	2067	56.38	13.1	130.27	99.04	46.7	219.1	209.72	94.39	386.85
01/01/2068 0:00	2068	71.59	23.31	129.49	101.5	50.46	216.41	173.31	90.6	343.37
01/01/2069 0:00	2069	67.1	31.89	98.2	116.84	50.03	215.74	176.01	85.7	331
01/01/2070 0:00	2070	54.72	26.78	157.12	98.2	57.59	168.96	152.12	58.52	222.19
01/01/2071 0:00	2071	59.78	29.47	151.22	102.43	41.29	173.9	195.79	81	326.66
01/01/2072 0:00	2072	60.28	23.67	153.94	108.7	49.81	186.17	177.22	91.11	409.65
01/01/2073 0:00	2073	63.22	12.86	127.59	84.14	49.52	182.06	175.78	84.95	316.34
01/01/2074 0:00	2074	55.5	19.85	108.05	95.07	38.96	169.16	217.32	64.48	404.14
01/01/2075 0:00	2075	70.53	11.6	126.67	89.09	27.47	176.72	247.68	63.62	436.27
01/01/2076 0:00	2076	64.71	23.85	152.08	105.28	25.34	163.57	226.92	129.46	368.04
01/01/2077 0:00	2077	53.81	24.6	146.4	93.98	50.14	279.17	249.71	113.39	356.93
01/01/2078 0:00	2078	63.35	24.22	122.18	135.19	38.07	204.59	221.28	115.39	429.77
01/01/2079 0:00	2079	72.06	18.98	154.04	107.25	40.01	206.39	217.69	108.78	430.26
01/01/2080 0:00	2080	45.86	21.96	177.47	92.97	46.63	230.2	216.69	103.94	490.28
01/01/2081 0:00	2081	64.75	30.52	145.65	108.09	33.28	211.8	240.03	123.6	483.75
01/01/2082 0:00	2082	54.34	25.29	136.22	101.74	29.97	213.18	281.79	135.63	496.53
01/01/2083 0:00	2083	68.6	23.61	122.91	96.07	36.87	248.34	246.03	129.4	470.36
01/01/2084 0:00	2084	66.24	26.8	131.24	140.44	35.5	213.29	262.94	87.31	375.08
01/01/2085 0:00	2085	52.54	17.7	144.84	102.33	50.3	199.03	274.6	104.94	463.31
01/01/2086 0:00	2086	66.14	17.51	163.07	112.26	43.01	202.57	256.27	132.57	560.61
01/01/2087 0:00	2087	57.66	20.46	184.61	111.06	43.41	206.4	284.21	133.83	443.94
01/01/2088 0:00	2088	69.42	24.02	139.45	98.37	51.24	231.72	264.47	134.69	521.5
01/01/2089 0:00	2089	81.24	30.69	145.38	102.77	40.06	231.53	286.9	155.54	546.09
01/01/2090 0:00	2090	68.8	16.73	143.29	112.73	40.44	207.95	237.73	109.13	598.2
01/01/2091 0:00	2091	63.78	28.26	124.53	95.02	48.76	286.13	309.33	165.2	644.06
01/01/2092 0:00	2092	71.35	17.91	95.84	97.14	41.28	229.83	276.43	175.88	487.59
01/01/2093 0:00	2093	67.3	30.49	153.77	97.68	43.46	172.78	281.98	127.54	553.07
01/01/2094 0:00	2094	73.71	13.73	131.43	106.62	40.39	265.85	285.02	138.17	530.12

01/01/2095 0:00 2095	54.81	27.92	134.48	132.66	57.87	273.95	267.29	114.63	510.92
01/01/2096 0:00 2096	53.93	22.67	136.58	133.04	74.41	261.57	273.15	125.69	590.3
01/01/2097 0:00 2097	64	26.11	135.53	102.99	46.55	210.25	299.21	172.35	585.28
01/01/2098 0:00 2098	62.65	25.41	177.1	133.38	49.75	254.11	373.16	178.54	595.51
01/01/2099 0:00 2099	48.34	16.94	121.62	120.76	50.17	211.63	405.4	147.94	677.84

## **Appendix B:**

### **Future Precipitation Predictions (RCP 2.6, 4.5 and 8.5)**

RCP2.6

Total Annual Precip (mm)

Year	Median	Mean	Min	Max	std	pr MIROC-ESM historical rcp26 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp26 (kg m-2 d-1)	pr CNRM-CM5 historical rcp26 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp26 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp26 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp26 (kg m-2 d-1)	pr HadGEM2-ES historical rcp26 (kg m-2 d-1)	pr HadGEM2-AO historical rcp26 (kg m-2 d-1)	pr bcc-rcm1-1-m historical rcp26 (kg m-2 d-1)	pr FGOALS-g2 historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp26 (kg m-2 d-1)	pr GFDL-CM3 historical rcp26 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp26 (kg m-2 d-1)	pr CanESM2 historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp26 (kg m-2 d-1)	pr MIROC historical rcp26 (kg m-2 d-1)	pr bcc-rcm1-1 historical rcp26 (kg m-2 d-1)	pr NorESM1-MR historical rcp26 (kg m-2 d-1)	pr BNU-ESM historical rcp26 (kg m-2 d-1)	pr NorESM1-ME historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp26 (kg m-2 d-1)	pr CCSM4 historical rcp26 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp26 (kg m-2 d-1)
2011	469.7	476.7	338.1	614.7	33.1	524.9	449.6	481.8	466.6	504.2	457.4	473.9	438.4	522.7	380.0	486.5	448.3	612.4	568.5	472.8	384.8	614.7	458.0	474.6	526.3	446.3	461.2	449.4		
2012	471.0	472.2	332.5	581.2	487.5	358.1	470.6	363.1	542.5	462.6	580.4	515.1	448.7	471.4	534.0	565.6	379.6	485.1	499.7	411.0	445.3	581.2	409.3	569.7	420.6	566.5	432.2	332.5		
2013	472.0	475.8	335.7	578.7	469.9	425.8	462.9	578.7	474.0	465.0	507.8	516.2	514.8	550.8	335.9	454.3	368.3	565.6	465.9	379.9	474.9	572.3	407.0	548.1	450.4	509.2	497.5	421.5		
2014	490.3	491.6	349.6	685.9	516.2	433.2	554.7	436.3	490.8	580.5	544.4	568.4	465.5	490.8	563.9	489.8	576.9	385.6	491.8	349.6	425.9	433.7	465.3	685.9	466.1	529.1	394.7	459.4		
2015	459.7	470.9	350.4	595.0	435.6	470.7	397.1	499.9	422.2	520.1	430.7	498.7	540.8	383.9	425.1	414.2	512.0	544.9	436.8	595.0	526.1	404.3	350.4	448.6	533.2	527.8	558.9	425.5		
2016	451.2	469.0	330.5	607.2	493.3	394.3	449.1	453.4	515.4	554.8	527.4	445.4	419.1	379.3	378.7	428.2	583.9	607.2	443.1	463.7	330.5	352.8	599.9	585.7	475.6	586.3	413.2	375.5		
2017	470.9	476.6	307.3	626.9	396.5	499.7	536.5	419.1	376.2	620.9	487.4	503.0	626.9	433.6	436.0	617.6	426.0	538.1	500.9	466.1	513.9	351.7	403.5	571.3	473.2	464.0	468.5	307.3		
2018	484.1	482.7	335.9	591.1	473.7	485.3	590.2	482.8	547.9	517.6	498.2	407.3	562.2	557.4	523.1	478.0	455.3	433.8	335.9	442.3	591.1	337.3	576.0	519.3	462.1	391.2	407.8	509.7		
2019	436.1	462.6	325.4	681.4	464.2	393.3	445.4	445.4	447.2	399.1	429.4	530.8	437.5	401.1	597.1	434.6	373.1	325.4	478.7	412.7	681.4	427.2	495.9	547.9	421.5	373.9	446.0	460.0		
2020	525.0	504.7	376.4	619.5	376.4	484.0	526.5	457.1	555.4	432.2	619.5	426.5	523.5	393.8	558.7	463.9	542.7	557.8	539.6	575.1	387.4	517.9	480.8	553.2	549.6	530.1	446.0	460.0		
2021	453.9	459.8	289.2	738.0	480.4	425.3	448.2	383.5	459.4	454.8	374.5	394.3	456.1	541.3	364.5	505.8	468.8	457.5	565.8	526.5	289.2	442.6	435.0	738.0	453.0	426.2	385.8	458.0		
2022	458.1	454.3	358.3	585.5	467.1	418.8	395.6	381.1	407.2	358.3	508.2	454.2	379.9	585.5	470.5	519.2	474.8	359.9	421.8	414.1	462.1	521.4	569.9	500.8	424.2	393.9	510.2	507.2		
2023	467.9	486.1	346.1	642.7	384.0	371.0	350.8	537.7	346.1	544.0	465.7	520.5	430.6	467.5	586.0	448.5	537.5	642.7	579.7	463.0	545.2	582.2	421.3	634.0	453.5	468.2	495.0	396.5		
2024	467.0	461.6	325.0	568.0	563.7	448.4	414.5	444.0	517.1	468.1	407.6	407.7	325.0	374.8	487.0	513.4	452.8	458.5	378.7	395.1	489.2	476.3	568.0	465.9	498.9	498.9	495.0	512.2		
2025	434.1	455.6	282.5	628.5	502.1	394.6	500.8	439.3	472.0	613.8	355.9	404.8	554.0	427.1	399.7	628.5	438.0	558.7	282.5	428.4	430.2	406.8	598.9	392.7	528.9	306.4	469.4	400.9		
2026	478.0	464.0	277.0	570.5	507.3	569.1	486.1	532.4	570.5	478.3	435.7	405.5	538.9	333.4	423.4	439.4	386.7	464.2	338.6	487.6	554.7	480.2	510.6	464.7	503.7	277.0	470.4	477.7		
2027	514.5	510.2	365.7	670.9	550.3	524.2	549.4	425.0	470.7	609.3	447.3	433.1	452.9	475.9	670.9	484.1	510.3	546.3	550.1	460.3	365.7	419.8	578.0	439.2	556.5	595.8	518.8	611.1		
2028	473.5	481.8	325.5	691.5	691.5	459.1	426.3	381.4	542.8	587.0	500.3	524.9	423.4	520.8	467.4	537.9	414.6	510.6	584.6	409.7	483.0	451.4	468.9	469.6	477.4	482.1	325.5	424.0		
2029	474.9	468.0	334.9	639.1	539.5	506.1	377.5	338.3	547.2	570.5	472.8	360.8	434.4	566.5	440.0	423.6	423.0	491.9	492.7	477.0	427.2	425.2	501.9	639.1	493.1	526.4	334.9	423.2		
2030	489.4	503.2	311.1	702.9	478.9	702.9	547.7	473.0	311.1	498.0	602.5	400.1	499.2	525.4	621.5	412.0	460.9	463.2	479.1	436.7	535.2	549.3	535.5	552.2	480.8	460.2	583.3	465.0		
2031	509.9	492.1	381.9	659.9	530.4	424.3	541.2	510.0	659.9	618.2	630.8	480.9	398.3	509.8	388.0	518.6	510.9	474.4	510.7	410.5	594.2	513.5	408.1	518.6	381.9	435.0	440.2	401.0		
2032	466.7	490.2	377.7	749.1	413.8	577.7	377.7	398.2	519.3	453.9	599.8	543.6	460.5	381.8	613.4	395.0	472.9	506.7	408.0	393.6	504.4	510.7	495.9	520.4	479.5	407.8	427.8	487.8		
2033	470.1	454.6	328.0	582.1	468.1	562.1	500.3	401.2	352.0	349.9	507.2	436.9	472.1	450.4	345.8	577.6	364.5	432.3	328.0	487.8	499.7	483.8	547.8	524.6	505.5	582.1	367.2	362.4		
2034	488.6	483.1	380.8	745.5	530.3	437.6	509.6	504.6	745.5	526.7	455.9	446.5	403.4	454.7	500.2	529.1	443.9	508.6	402.8	516.3	489.8	487.5	406.9	493.3	386.3	385.0	458.0	460.0		
2035	492.9	507.2	362.7	685.3	631.5	438.0	575.9	392.6	500.4	384.5	580.7	545.8	479.1	465.2	592.4	485.4	643.2	445.6	685.3	569.8	441.6	397.0	622.7	362.7	521.8	373.2	575.7	462.2		
2036	469.2	483.3	349.9	685.6	456.5	447.8	466.5	405.8	448.8	465.5	403.2	390.4	586.3	349.9	469.4	685.6	577.4	417.8	495.9	366.5	469.0	551.3	448.8	472.2	559.7	430.2	430.2	430.2		
2037	508.5	503.5	379.5	633.0	533.4	390.4	448.9	510.3	509.1	570.3	617.7	569.5	514.2	387.4	476.5	475.0	558.4	494.8	497.6	560.7	507.9	387.7	633.0	496.2	604.5	431.3	509.5	379.5		
2038	478.8	486.4	365.0	654.5	462.5	466.3	405.3	365.0	654.5	477.6	485.5	452.2	464.4	454.6	511.5	483.4	531.9	579.0	427.0	571.1	429.5	443.9	502.3	429.6	510.9	480.0	581.6	502.1		
2039	468.4	490.9	388.3	635.9	547.0	631.6	414.7	446.3	435.6	457.3	494.4	465.8	442.7	418.1	408.3	621.7	534.7	554.3	531.5	482.9	474.5	469.6	467.3	529.5	635.9	442.6	442.9	431.4		
2040	448.6	473.3	301.4	769.6	623.3	505.5	448.4	530.3	769.6	416.0	489.2	427.5	434.6	448.7	526.0	402.9	397.1	597.3	452.3	492.4	405.9	482.0	413.5	530.6	512.5	381.4	409.0	442.2		
2041	477.5	473.0	294.6	617.3	488.9	520.1	617.3	583.8	605.9	547.5	477.2	523.0	420.6	476.6	411.6	548.4	498.3	374.5	497.0	355.3	294.6	494.5	474.2	408.6	439.8	448.9	478.4	407.7		
2042	480.5	482.5	360.2	640.2	605.1	616.3	485.9	438.1	640.2	567.0	364.4	426.5	432.8	512.8	419.3	518.9	490.2	540.3	446.2	442.1	516.3	459.2	482.6	410.5	360.2	500.0	527.2	478.3		
2043	482.2	504.9	348.8	675.5	572.1	535.9	348.8	466.3	456.2	571.2	598.3	416.5	525.0	497.4	675.5	474.5	448.0	592.1	479.1	372.1	601.8	433.3	416.7	633.7	524.3	655.2	384.7	438.5		
2044	493.3	498.5	346.0	666.3	565.7	574.9	423.5	346.0	478.5	429.4	563.7	656.0	439.6	383.4	520.3	497.4	595.6	599.9	498.0	434.9	686.2	554.7	493.9	476.4	426.7	498.8	425.0	402.5		
2045	491.4	490.3	365.4	613.1	338.0	364.5	366.4	586.4	613.1	492.0	519.0	422.2	369.7	462.0	486.5	598.9	368.7	535.4	474.2	560.3	509.0	581.8	457.5	480.7	465.4	472.6	384.6	538.1		
2046	507.8	488.2	296.2	591.4	587.2	425.5	527.8	468.9	510.2	537.9	591.4	565.5	455.7	511.3	396.2	433.5	473.1	452.8	542.6	387.8	456.9	542.1	522.0	548.9	505.1	457.0	377.8	539.3		
2047	495.4	488.6	275.4	679.4	614.5	577.6	387.3	486.7	456.1	496.1	400.4	527.8	509.9	607.6	561.2	562.2	504.0	352.2	679.4	420.8	275.4	437.3	600.9	359.4	472.6	550.9	361.9	486.8		
2048	510.0	494.5	275.7	646.0	513.3	613.5	560.4	405.0	521.6	646.0	569.7	447.0	418.1	421.4	516.0	275.7	547.1	514.6	618.7	440.0	561.4	447.2	427.1	506.7	470.0	502.4	385.2	539.5		
2049	480.0	481.5	318.6	620.6	447.1	556.3	520.9	495.7	427.6	553.0	518.9	366.1	596.9	473.4	318.6	488.1	508.4	374.5	457.7	521.3	620.6	432.9	478.0	552.0	458.0	414.1	475.9	502.2		
2050	467.0	476.1	353.8	643.9	353.8	536.2	487.8	4																						

2090	496.2	489.6	325.7	679.4	502.5	532.4	526.7	507.3	520.1	549.6	489.9	370.1	427.9	442.0	488.3	464.9	392.5	615.9	592.8	462.3	509.1	461.9	540.8	679.4	535.4	325.7	399.9	412.9
2091	483.6	480.7	355.4	579.4	521.0	439.9	430.7	481.6	436.3	516.9	514.6	355.4	579.4	547.6	437.6	485.7	503.8	473.8	443.4	465.2	415.3	555.7	547.8	536.5	388.4	508.8	575.6	375.3
2092	474.9	467.2	356.7	576.6	523.9	576.6	576.6	359.4	492.6	473.6	476.2	465.2	417.6	489.2	544.6	378.6	388.3	469.2	511.3	426.2	488.4	356.7	526.3	543.7	506.3	417.4	412.4	395.3
2093	483.6	483.2	386.1	604.7	419.2	483.8	483.5	550.5	388.3	534.7	506.9	437.8	568.4	447.3	481.7	473.8	425.6	412.8	508.5	509.8	386.1	459.7	488.6	490.9	538.9	527.4	466.9	604.7
2094	472.9	470.1	315.8	624.7	503.7	521.2	460.8	493.8	479.4	509.5	420.4	323.8	443.5	462.2	466.5	624.7	618.5	413.2	517.2	511.1	489.8	453.2	484.1	431.5	529.1	499.8	315.8	409.9
2095	485.4	477.4	326.7	593.9	493.7	566.2	555.7	411.5	485.3	335.4	326.7	530.6	529.2	569.4	363.5	565.4	522.0	593.9	444.2	480.4	403.7	436.7	485.4	420.4	549.6	473.7	491.8	422.9
2096	503.4	508.4	354.6	646.8	570.4	434.3	434.3	354.6	593.9	646.8	445.7	531.6	416.6	450.0	420.3	504.5	504.6	497.9	528.5	564.3	645.3	555.5	498.8	459.5	574.5	535.7	476.0	488.8
2097	483.2	492.0	369.5	613.8	594.9	583.5	476.9	500.4	455.6	531.3	613.8	407.1	475.6	612.3	489.5	513.7	398.1	402.2	492.1	449.5	431.3	472.9	369.5	558.1	525.6	464.9	470.9	517.4
2098	496.2	500.4	311.2	707.1	519.8	445.6	496.5	707.1	311.2	361.6	601.5	496.9	617.6	478.3	435.9	496.0	365.7	443.6	520.1	605.0	454.7	558.4	311.2	494.5	487.3	579.4	553.8	432.4
2099	485.7	507.7	422.5	626.9	456.8	553.1	472.9	481.4	595.8	596.3	444.9	626.9	518.5	422.5	518.6	535.0	586.9	483.1	503.8	444.8	563.8	481.2	488.3	439.7	456.8	593.9	459.7	460.2
2100	495.5	488.9	376.1	593.0	505.2	430.8	586.5	376.1	593.0	398.5	544.6	452.7	513.1	519.7	469.9	451.8	546.0	517.8	485.8	534.1	536.7	576.3	402.6	471.8	431.0	460.6	382.5	546.1

RCP2.6

Max Daily Precip (mm)

Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp26 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp26 (kg m-2 d-1)	pr CNRM-CMS historical rcp26 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp26 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp26 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp26 (kg m-2 d-1)	pr HadGEM2-ES historical rcp26 (kg m-2 d-1)	pr HadGEM2-AO historical rcp26 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp26 (kg m-2 d-1)	pr FGOALS-g2 historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp26 (kg m-2 d-1)	pr GFDL-CM3 historical rcp26 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp26 (kg m-2 d-1)	pr CanESM2 historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp26 (kg m-2 d-1)	pr MIROC5 historical rcp26 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp26 (kg m-2 d-1)	pr NorESM1-M historical rcp26 (kg m-2 d-1)	pr BNU-ESM historical rcp26 (kg m-2 d-1)	pr NorESM1-ME historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp26 (kg m-2 d-1)	pr CCSM4 historical rcp26 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp26 (kg m-2 d-1)	
2011	23.1	25.3	12.9	40.5	19.3	28.2	20.3	21.9	15.8	40.5	12.9	14.2	16.8	30.8	29.0	20.8	21.9	34.3	27.8	23.4	20.1	36.3	31.7	22.9	33.8	35.4	21.6	28.1	
2012	22.5	25.3	13.0	49.7	13.6	15.6	49.3	13.0	26.5	19.3	49.7	25.2	48.4	22.5	22.2	24.3	27.1	21.0	22.9	20.4	16.2	30.2	18.9	22.5	26.2	40.4	16.8	14.5	
2013	24.1	24.8	13.5	47.7	17.8	14.4	26.7	32.5	25.2	18.7	40.9	21.5	15.6	28.7	13.5	29.8	16.6	25.6	17.0	15.3	25.5	27.9	17.0	47.7	34.8	23.0	21.7	37.1	
2014	23.0	27.8	13.2	72.5	23.2	13.2	58.6	22.9	16.1	33.1	41.4	36.2	72.5	19.7	23.2	32.6	30.7	20.5	19.1	18.9	23.8	18.4	17.8	25.3	22.7	18.2	18.1	40.7	
2015	19.5	20.3	14.5	32.7	20.6	27.4	17.6	16.3	18.2	20.1	20.4	18.4	25.6	20.1	20.1	17.9	25.5	20.6	16.6	32.7	25.1	17.4	19.0	14.5	20.4	18.8	22.5	14.6	
2016	21.8	23.1	12.4	47.4	18.1	18.2	24.1	21.8	16.8	30.3	24.3	34.2	12.4	28.4	17.2	19.3	34.0	47.4	23.2	14.3	14.6	12.5	27.0	30.6	31.6	21.8	17.4	15.7	
2017	21.7	24.2	10.5	46.2	18.1	16.8	16.7	18.8	16.8	30.3	37.4	31.1	17.7	46.2	18.4	25.9	23.9	15.7	34.4	23.8	19.5	25.9	15.3	17.8	25.5	42.6	19.5	10.5	
2018	21.2	23.3	13.5	57.2	18.1	17.3	31.9	17.0	32.6	20.5	27.1	17.7	22.1	27.9	57.2	24.3	20.1	13.5	17.5	30.1	16.8	22.6	26.4	14.2	21.8	18.7	17.5	27.5	
2019	22.0	26.3	13.3	55.0	51.9	20.9	32.4	52.9	17.4	19.2	17.0	35.1	23.4	23.7	20.4	33.3	24.0	13.7	13.3	26.0	23.0	55.0	20.1	17.5	20.1	35.9	17.7	16.4	
2020	21.2	24.6	15.0	46.9	15.0	21.1	20.5	27.2	18.3	16.1	46.9	19.8	19.3	17.4	32.6	16.1	30.7	28.8	24.3	21.4	17.6	45.2	19.0	16.9	22.7	36.2	17.6	28.2	
2021	22.4	23.8	12.1	56.8	27.4	22.5	17.9	16.5	16.4	22.1	18.7	17.2	22.3	30.8	18.1	23.0	20.4	26.7	56.8	20.4	12.1	30.5	23.4	23.5	31.0	18.9	24.6	29.6	
2022	18.1	23.7	12.8	67.4	16.8	12.8	23.9	14.5	17.6	17.2	22.6	16.7	17.0	67.4	17.7	22.6	29.1	22.9	31.3	15.6	18.0	25.5	33.9	18.2	16.5	13.7	42.2	35.3	
2023	24.5	25.8	11.2	48.4	30.5	18.4	15.5	48.4	11.2	29.6	32.5	37.1	14.1	18.8	29.4	20.9	24.1	31.9	16.7	24.8	24.0	27.8	22.6	25.2	17.0	35.7	42.0	20.0	
2024	19.7	22.8	13.8	40.6	26.9	40.6	13.8	16.2	19.1	30.5	36.4	17.3	26.8	19.1	17.7	17.6	20.8	25.3	16.9	15.0	18.0	17.0	27.6	20.3	27.0	23.4	24.2	16.6	40.2
2025	21.5	23.7	9.4	49.5	17.8	23.2	26.7	15.3	22.1	38.0	11.3	24.4	31.7	18.9	34.4	27.3	18.2	33.5	9.4	20.9	25.4	13.7	49.5	15.7	44.2	14.2	14.7	18.1	
2026	25.8	25.9	9.6	46.3	30.1	38.6	35.9	23.0	42.3	23.3	31.5	28.2	25.9	14.1	28.1	25.7	17.2	25.2	20.0	29.5	26.8	23.8	21.0	34.1	14.3	9.6	19.5	29.2	
2027	29.8	30.1	13.1	53.6	37.2	31.2	42.3	15.5	30.3	28.5	19.8	30.4	20.3	13.1	23.2	21.0	30.7	33.6	52.6	29.3	25.5	21.4	37.6	40.3	24.9	24.1	37.0	53.6	
2028	21.9	24.0	14.5	60.7	38.3	17.2	21.3	14.5	24.5	21.8	18.5	24.8	17.1	20.6	18.5	17.3	22.9	60.7	23.9	23.4	28.6	31.6	22.4	29.3	21.9	20.2	17.1	19.0	
2029	22.2	26.1	11.9	60.7	38.6	24.0	15.6	11.9	22.2	14.2	26.4	22.1	16.5	60.7	17.5	37.6	19.9	36.3	15.6	15.7	21.6	22.2	24.1	44.8	46.8	29.7	17.1	25.0	
2030	24.5	27.8	14.0	70.1	35.1	65.8	27.7	22.6	16.2	30.9	70.1	24.6	30.0	15.1	25.5	24.5	20.0	16.9	31.0	18.2	14.0	17.9	26.2	24.2	48.2	15.8	17.8	23.7	30.4
2031	22.0	24.9	13.6	46.1	23.8	18.1	27.8	27.9	30.6	46.1	42.6	22.3	21.8	28.1	41.6	26.6	20.1	21.2	33.4	22.7	20.0	18.4	14.8	21.8	16.9	18.8	18.0	13.6	
2032	25.0	27.2	15.1	87.2	33.1	28.0	17.7	20.5	26.8	15.9	24.4	31.7	30.7	18.7	26.7	25.6	34.9	39.1	16.5	19.7	27.3	20.6	18.9	36.2	20.9	87.2	15.1	15.2	
2033	20.7	24.3	14.0	59.0	21.0	20.0	59.0	14.0	16.4	31.5	30.8	15.7	17.2	32.2	23.1	32.6	19.3	20.0	14.2	24.9	24.0	27.8	42.3	20.3	20.4	23.8	17.5	15.4	
2034	24.0	28.3	16.1	50.7	19.5	23.7	22.4	23.3	43.3	31.7	50.7	19.9	25.0	39.5	18.7	20.8	41.3	37.5	16.1	29.9	24.4	49.3	17.7	22.5	21.4	35.2	26.6	17.8	
2035	23.0	25.0	14.0	56.8	39.2	16.2	30.4	14.0	24.2	32.1	26.0	19.0	20.8	25.7	32.2	16.9	30.2	25.4	56.8	19.3	13.7	19.4	29.9	18.1	28.3	19.1	17.2	21.9	
2036	25.4	26.6	11.6	53.4	19.1	18.1	34.5	28.1	15.8	21.2	26.9	23.2	25.4	11.8	25.5	33.3	22.9	53.4	32.0	11.6	23.2	24.0	26.8	30.4	44.5	27.8	42.2	16.3	
2037	24.0	26.9	11.2	52.8	42.7	11.2	12.2	43.8	32.0	29.8	23.6	36.1	40.9	11.5	22.9	22.6	24.5	34.8	32.3	19.7	27.6	13.5	52.8	21.6	19.3	18.8	35.8	14.8	
2038	23.4	23.3	13.3	42.5	15.2	15.1	27.3	18.2	30.4	25.6	24.1	13.3	24.4	26.4	27.1	35.2	20.8	25.0	15.7	42.5	14.8	16.2	19.2	21.7	22.6	24.5	38.3	16.3	
2039	25.8	29.0	11.4	63.3	30.3	63.3	23.2	22.6	23.4	31.4	33.6	31.0	40.6	25.4	16.9	56.0	18.3	20.3	33.2	16.4	26.0	37.5	16.8	25.5	41.8	28.4	11.4	22.0	
2040	24.6	26.0	13.7	54.6	54.6	38.4	23.8	25.0	29.5	18.4	25.6	19.7	33.7	29.0	18.4	26.4	26.9	21.1	24.2	24.2	14.6	16.0	13.7	26.6	29.6	19.9	44.0	15.5	
2041	21.8	25.2	12.2	52.5	20.6	29.6	28.1	24.2	52.5	34.7	33.6	31.6	22.9	49.0	15.0	31.3	24.5	17.4	18.9	12.2	20.2	25.8	14.0	19.6	20.3	17.1	15.0	15.0	
2042	23.0	25.0	12.6	45.8	28.4																								

2077	22.0	22.9	11.1	35.7	31.7	23.6	27.9	19.5	12.2	27.7	19.9	25.7	35.6	21.3	35.7	26.2	17.5	24.0	18.8	11.1	22.3	19.2	19.9	16.6	16.8	26.9	28.2	21.8	
2078	20.3	23.5	12.6	42.3	19.2	16.7	29.5	12.6	36.7	42.3	15.2	18.1	27.5	36.4	26.8	20.5	17.4	17.7	30.2	20.2	17.5	18.8	21.6	29.0	16.7	30.1	19.7	23.7	
2079	23.6	29.1	11.8	67.2	67.2	58.3	23.1	37.4	17.2	56.4	21.7	11.8	22.8	17.4	18.9	17.3	28.8	35.6	15.6	24.2	22.5	63.4	14.2	27.1	16.7	25.1	30.8	24.5	
2080	22.6	25.2	8.9	55.5	21.9	8.9	20.2	17.3	35.5	23.4	31.2	40.6	26.1	30.4	13.5	18.7	17.5	17.7	20.3	15.6	16.6	29.6	30.2	37.5	25.2	55.5	35.6	16.1	
2081	21.5	22.3	10.9	38.8	17.5	27.8	22.6	19.2	21.3	24.9	19.0	38.8	17.7	18.9	34.2	18.4	21.6	22.0	22.4	23.8	30.9	25.8	16.2	22.3	10.9	19.3	20.6	18.5	
2082	23.0	26.5	17.9	44.5	18.9	22.1	25.3	25.1	23.1	21.0	27.7	22.9	44.2	20.1	40.9	33.9	22.4	39.6	18.6	19.2	20.1	25.9	44.5	30.1	18.1	18.0	17.9	37.2	
2083	24.0	28.7	13.8	62.2	50.5	21.9	31.0	36.5	23.7	32.8	20.0	15.9	13.8	22.5	24.4	23.4	23.2	39.8	33.9	19.5	22.8	30.1	27.3	62.2	40.1	19.4	31.7	23.0	
2084	25.3	25.0	11.4	41.4	28.8	12.3	28.0	34.9	29.5	21.9	32.5	11.4	20.5	17.7	30.0	22.0	23.6	34.8	24.8	16.5	28.8	25.8	41.4	14.3	27.1	31.2	20.5	21.1	
2085	25.5	25.9	13.1	45.1	27.9	31.0	37.8	21.1	26.8	35.2	25.7	45.1	25.2	27.0	28.8	20.6	23.7	26.0	30.5	34.4	21.2	16.4	17.9	24.7	24.5	21.9	13.1	16.0	
2086	23.9	25.9	15.0	56.3	24.5	17.4	30.8	30.3	34.3	23.4	21.7	32.8	23.0	30.0	56.3	30.5	25.5	22.2	28.3	18.9	27.2	26.3	31.6	16.4	36.6	19.4	19.0	15.0	16.8
2087	24.7	26.2	9.9	71.4	28.4	41.0	18.4	18.7	23.4	25.0	24.3	22.9	16.4	32.8	14.5	19.3	31.0	27.5	26.9	71.4	9.9	26.6	14.6	31.3	17.6	30.6	40.9	21.4	
2088	24.7	25.7	13.7	41.7	33.8	36.6	24.8	41.7	18.4	13.7	32.8	24.4	18.3	26.0	19.6	35.7	18.6	27.4	16.6	28.7	24.7	23.5	19.6	26.0	21.1	28.3	33.3	23.0	
2089	22.7	26.2	14.0	57.4	16.3	42.3	22.9	22.1	27.0	29.8	32.2	18.1	22.5	16.9	26.3	40.3	22.1	57.4	27.5	30.0	22.2	21.3	17.3	26.6	33.1	14.0	21.8	19.7	
2090	27.6	27.2	14.3	44.9	29.2	34.1	23.6	30.1	44.6	29.5	27.6	19.8	27.3	23.5	18.0	17.2	36.1	44.9	14.3	28.5	19.3	27.6	33.8	40.2	17.9	14.4	43.6	13.7	
2091	23.2	25.2	11.8	62.9	27.9	13.6	19.4	15.1	27.6	29.9	62.9	14.6	25.4	19.6	25.4	26.0	17.7	18.5	30.1	21.1	32.3	20.3	17.3	11.8	27.4	40.6	13.7		
2092	23.3	24.7	12.7	45.9	22.8	30.5	21.3	12.7	33.6	21.6	21.6	25.5	23.9	42.8	45.9	33.5	14.4	25.7	15.9	18.7	27.3	30.1	30.3	25.4	19.2	16.8	17.1	17.2	
2093	20.8	23.2	11.6	40.5	28.2	25.2	20.9	38.2	11.9	31.9	27.0	17.4	14.7	33.2	19.3	26.8	20.7	20.7	14.8	18.8	11.6	13.5	19.2	20.3	40.5	27.4	25.3	28.7	
2094	22.7	23.0	12.9	56.9	23.2	26.4	19.8	15.0	16.6	20.7	23.9	12.9	19.7	13.9	23.2	25.9	25.9	15.4	26.1	24.6	24.4	21.4	22.5	35.0	22.9	13.9	56.9	28.7	
2095	21.8	23.7	12.8	49.1	15.6	27.7	27.1	21.9	20.3	13.0	12.8	33.7	18.5	36.0	23.4	37.8	14.7	21.2	30.4	30.1	16.0	15.4	23.0	15.2	21.7	49.1	20.6	24.4	
2096	25.6	31.4	15.0	91.3	28.1	22.2	23.4	91.3	31.5	22.2	33.1	16.8	22.9	26.7	21.6	33.3	17.7	24.5	48.9	32.9	24.6	79.0	38.8	20.1	32.2	27.5	15.0	18.7	
2097	21.6	23.6	15.2	39.1	18.8	31.2	19.1	20.7	22.5	30.2	26.1	25.3	15.4	39.1	18.7	28.4	19.8	32.4	15.2	18.3	24.6	22.5	17.9	35.6	19.1	18.0	29.9	29.9	
2098	27.7	32.0	13.1	87.6	19.9	20.3	21.3	87.6	22.9	66.7	21.0	32.5	58.1	30.0	36.7	18.4	28.6	13.1	29.9	27.2	28.3	25.6	27.0	17.8	20.6	30.5	28.1	56.4	
2099	24.4	27.5	15.9	62.7	16.5	36.9	21.6	22.4	25.0	34.8	17.0	40.5	34.8	20.2	23.8	27.3	22.0	20.5	62.7	18.3	25.3	19.3	35.4	15.9	34.8	29.3	37.9	16.6	
2100	23.1	25.8	14.9	48.5	22.5	36.1	16.6	29.4	14.9	26.9	27.2	43.6	18.4	48.5	22.6	27.3	35.0	18.3	18.5	20.3	31.7	23.5	15.2	15.4	22.5	21.6	25.2	25.2	

**RCP2.6**

**Day with Daily Precip (mm) ...**

>1

Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp26 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp26 (kg m-2 d-1)	pr CNRM-CMS historical rcp26 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp26 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp26 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp26 (kg m-2 d-1)	pr HadGEM2-ES historical rcp26 (kg m-2 d-1)	pr HadGEM2-AO historical rcp26 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp26 (kg m-2 d-1)	pr FGOALS-g2 historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp26 (kg m-2 d-1)	pr GFDL-CM3 historical rcp26 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp26 (kg m-2 d-1)	pr CanESM2 historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp26 (kg m-2 d-1)	pr IPSL-CM5A historical rcp26 (kg m-2 d-1)	pr MIROC historical rcp26 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp26 (kg m-2 d-1)	pr NorESM1-M historical rcp26 (kg m-2 d-1)	pr BNU-ESM historical rcp26 (kg m-2 d-1)	pr NorESM1-ME historical rcp26 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp26 (kg m-2 d-1)	pr CCSMA historical rcp26 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp26 (kg m-2 d-1)	
2011	118	115.2	86	134	86	123	107	130	129	129	119	121	115	119	95	108	107	111	119	117	93	128	119	126	134	109	115	105	
2012	113	113.7	96	133	119	96	105	105	125	124	126	123	110	120	111	111	106	110	127	103	115	133	116	120	106	119	99	99	
2013	117	116.2	98	133	119	114	102	129	113	115	112	112	129	123	99	121	100	133	116	109	122	117	119	118	113	120	126	98	
2014	118	118.0	99	156	122	112	117	106	127	130	120	124	110	137	109	110	119	108	120	101	119	109	127	156	117	120	99	112	
2015	121	119.0	94	136	108	111	113	126	107	130	122	126	136	94	121	115	132	134	115	130	102	120	95	114	134	128	126	116	
2016	114	115.7	96	149	119	109	113	122	133	110	119	114	114	100	107	105	129	141	109	120	96	102	125	131	104	149	106	100	
2017	118	117.4	96	147	103	122	123	119	101	147	115	125	134	121	104	131	123	116	124	115	124	106	108	124	112	110	115	96	
2018	119	117.1	87	150	112	133	120	123	122	125	127	107	122	128	124	113	121	114	87	104	150	95	122	118	112	97	109	115	
2019	115	115.4	91	142	134	119	92	115	120	113	123	104	139	118	96	142	108	105	91	119	113	137	105	112	120	125	119	104	
2020	122	119.2	93	145	95	122	127	122	138	115	127	93	141	120	122	110	99	120	138	124	101	110	111	134	128	145	124	94	
2021	114	114.3	97	148	109	106	117	105	116	117	103	105	107	119	98	114	127	116	126	128	97	113	113	148	120	136	106	97	
2022	113	113.0	93	132	128	114	93	104	116	99	113	119	93	107	112	110	122	103	109	118	111	132	121	124	116	110	125	113	
2023	118	116.1	95	133	108	98	95	121	110	123	111	107	113	118	123	115	125	132	128	120	129	118	103	133	110	122	117	108	
2024	112	112.4	92	130	120	111	118	113	115	130	112	106	109	92	93	119	109	99	106	98	107	126	116	127	111	109	125	127	
2025	115	113.6	74	153	120	108	129	115	112	153	98	100	121	99	108	127	114	137	76	109	117	107	124	122	127	74	111	119	
2026	114	112.2	80	130	129	115	113	130	120	112	112	108	94	126	88	107	109	109	124	80	118	124	115	130	106	118	80	113	124
2027	119	118.0	96	138	118	131	106	101	120	120	117	107	116	134	138	120	117	114	123	115	96	119	111	101	131	135	123	119	
2028	117	117.1	97	149	136	115	102	115	125	129	139	109	116	98	117	123	124	149	100	115	122	102	101	97	127	124	127	118	101
2029	117	113.7	86	129	126	125	108	97	129	139	134	86	117	129	109	99	114	120	128	115	120	112	115	140	116	108	91	118	
2030	117	118.2	80	146	108	116	138	118	80	117	126	104	146	116	137	98	117	127	113	135	124	119	105	114	127	114	131	114	
2031	120	120.2	96	143	132	115	126	121	138	140	105	120	110	118	108	131	128	121	110	110	132	123	112	115	96	111	131	119	
2032	115	115.5	88	149	96	133	97	101	137	106	105	122	118	120	98	128													

2064	124	122.1	88	151	137	120	124	147	132	121	127	104	125	105	94	136	123	119	112	88	129	151	148	126	127	96	121	119	
2065	116	117.1	103	136	119	116	129	132	113	112	108	130	119	107	120	110	114	115	113	109	103	131	117	119	136	116	103	120	
2066	119	119.9	102	137	112	127	104	123	132	116	127	132	109	115	126	108	131	109	112	102	115	137	124	137	118	126	120		
2067	118	116.6	92	139	113	121	104	128	108	92	119	104	109	126	123	118	117	116	135	133	139	118	123	110	122	99	102	119	
2068	115	116.2	99	139	125	123	99	125	99	99	103	111	130	134	138	108	112	113	123	125	139	100	105	116	100	122	111	128	
2069	115	114.2	91	134	107	114	128	109	113	132	125	121	108	134	97	125	113	118	120	117	116	105	91	119	106	99	107	116	
2070	117	118.2	102	145	109	127	125	107	109	117	135	109	120	111	108	137	122	120	113	108	107	117	102	145	142	118	110	118	
2071	115	117.3	97	143	100	109	114	104	130	119	111	141	108	135	106	120	104	125	125	113	113	115	97	143	117	108	138	121	
2072	118	116.5	91	139	125	120	118	128	124	118	114	122	109	105	97	123	104	120	91	109	128	139	122	132	116	117	100	115	
2073	117	117.0	90	142	127	115	90	127	142	104	126	113	110	102	104	110	118	125	119	135	110	134	107	116	112	120	126	118	
2074	121	117.7	92	140	99	125	128	100	120	121	92	127	129	128	126	107	127	135	108	113	125	122	112	107	140	106	104	116	
2075	121	121.0	101	145	111	114	141	114	116	125	145	110	129	120	112	128	101	127	135	108	110	125	132	141	132	101	121	106	
2076	115	116.0	97	137	103	125	110	106	137	125	124	116	107	109	109	121	136	137	135	126	118	105	114	103	100	127	105	97	
2077	121	118.8	90	155	124	114	108	120	115	127	131	116	131	101	108	117	98	125	128	92	155	127	128	138	121	106	90	134	
2078	118	118.3	92	142	115	135	121	112	117	130	115	97	119	106	114	127	92	118	122	121	122	116	111	142	134	110	128	115	
2079	117	116.4	77	156	118	104	130	91	139	107	127	120	126	107	118	91	105	108	113	113	120	123	107	156	148	77	131	115	
2080	116	115.1	83	147	122	94	106	133	147	110	118	104	117	141	101	83	99	122	126	138	115	105	135	127	116	107	99	98	
2081	115	118.2	101	155	113	107	103	101	115	125	117	106	122	143	117	121	112	155	124	114	130	114	123	115	107	109	113	113	
2082	114	114.2	95	133	125	128	114	113	130	111	112	116	121	110	100	117	111	115	123	112	108	98	108	116	120	95	105	133	
2083	115	114.9	80	139	139	102	137	115	122	110	97	106	116	124	114	107	128	136	117	103	107	104	134	120	109	80	130	100	
2084	119	115.6	79	147	104	122	79	92	121	107	119	87	128	123	129	124	114	147	118	136	112	101	108	108	119	119	135	122	
2085	118	119.0	94	143	131	111	130	124	96	94	101	123	136	116	117	119	138	112	111	131	143	116	112	113	125	124	102	102	
2086	122	118.3	87	151	123	118	99	88	129	143	126	106	132	109	121	129	127	123	87	105	129	120	111	151	132	130	101	101	
2087	118	119.0	98	140	118	116	109	109	140	136	123	116	118	125	101	104	140	135	125	118	99	98	122	108	127	113	135	120	
2088	115	114.6	78	147	111	123	114	115	123	99	109	103	106	119	106	123	120	147	78	109	120	125	110	111	130	108	122	120	
2089	121	119.5	95	146	117	132	102	98	112	146	115	115	125	122	102	138	125	130	141	135	99	120	119	131	101	95	127	121	
2090	118	117.0	91	144	121	132	112	118	129	135	115	96	104	121	126	104	99	139	121	116	122	111	125	144	117	91	111	99	
2091	120	118.8	85	136	127	113	121	121	118	114	110	85	136	128	112	119	115	134	111	120	104	123	132	132	107	123	129	116	
2092	113	114.9	87	143	122	134	136	103	133	118	111	107	110	96	125	87	108	123	143	106	115	99	116	133	111	114	108	100	
2093	117	117.0	105	131	112	112	109	122	105	129	107	117	130	111	116	119	106	111	125	121	116	114	121	120	123	118	112	131	
2094	115	114.0	91	139	115	120	120	124	116	103	95	91	108	121	118	130	128	102	139	127	112	110	115	112	115	120	98	98	
2095	120	116.5	92	145	126	118	123	92	119	94	95	124	128	116	99	127	119	145	95	124	120	120	125	110	123	133	102	129	110
2096	120	119.0	89	138	108	107	89	121	138	119	130	112	113	100	125	116	131	132	134	126	122	114	102	133	116	114	132	121	
2097	116	116.7	96	144	143	123	126	126	122	113	135	96	110	144	106	121	115	101	126	104	117	123	97	101	124	105	115	107	
2098	120	116.5	86	132	122	118	108	128	95	86	131	104	132	113	114	113	107	128	101	129	123	132	121	126	126	118	122	102	
2099	122	122.3	104	144	125	117	123	113	138	130	113	113	129	132	116	127	144	128	104	120	128	118	113	119	113	128	115	130	
2100	119	119.1	105	138	121	114	131	110	138	119	117	105	131	124	107	112	121	122	108	130	135	133	105	117	122	107	111	119	

**RCP2.6**

Day with Daily Precip (mm) ...

>10

Year	Median	Mean	Min	Max	pr MIROC-ESM historical-rsp26 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical-rsp26 (kg m-2 d-1)	pr CNRM-CMS historical-rsp26 (kg m-2 d-1)	pr MRI-CGCM3 historical-rsp26 (kg m-2 d-1)	pr MPI-ESM-MR historical-rsp26 (kg m-2 d-1)	pr MPI-ESM-LR historical-rsp26 (kg m-2 d-1)	pr HadGEM2-ES historical-rsp26 (kg m-2 d-1)	pr HadGEM2-AO historical-rsp26 (kg m-2 d-1)	pr bcc-csm1-1 historical-rsp26 (kg m-2 d-1)	pr FGOALS-g2 historical-rsp26 (kg m-2 d-1)	pr IPSL-CM5A-MR historical-rsp26 (kg m-2 d-1)	pr GFDL-CM3 historical-rsp26 (kg m-2 d-1)	pr CESM1-CAM5 historical-rsp26 (kg m-2 d-1)	pr CanESM2 historical-rsp26 (kg m-2 d-1)	pr GFDL-ESM2G historical-rsp26 (kg m-2 d-1)	pr IPSL-CM5A-LR historical-rsp26 (kg m-2 d-1)	pr MIROC5 historical-rsp26 (kg m-2 d-1)	pr bcc-csm1-1 historical-rsp26 (kg m-2 d-1)	pr NorESM1-M historical-rsp26 (kg m-2 d-1)	pr BNU-ESM historical-rsp26 (kg m-2 d-1)	pr NorESM1-ME historical-rsp26 (kg m-2 d-1)	pr GFDL-ESM2M historical-rsp26 (kg m-2 d-1)	pr CCSM4 historical-rsp26 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical-rsp26 (kg m-2 d-1)
2011	7	7.3	3	15	5	8	7	8	4	6	8	3	10	7	5	9	7	14	11	5	4	15	6	6	5	8	7	6
2012	7	7.5	2	15	5	4	7	3	13	8	9	9	7	7	13	15	3	8	10	5	6	9	4	14	5	6	8	2
2013	7	6.3	2	11	5	3	6	10	5	7	9	11	7	7	2	7	3	10	7	2	3	8	2	9	7	6	8	8
2014	6	7.3	1	15	11	1	10	6	5	8	10	10	6	4	11	6	10	7	10	4	6	6	15	5	9	3	5	5
2015	7	6.9	2	14	7	8	4	6	8	10	9	5	10	6	2	4	8	9	5	11	11	2	4	6	9	11	10	4
2016	7	6.7	2	14	7	4	7	4	8	11	4	6	4	3	4	8	11	11	5	4	4	2	14	10	7	7	6	4
2017	7	6.3	1	14	6	6	14	3	3	10	8	7	8	4	5	13	2	9	6	5	7	11	3	8	7	8	8	11
2018	8	7.7	2	15	10	7	15	4	7	9	6	10	11	5	10	5	8	4	2	5	9	2	12	9	8	7	5	10
2019	6	6.2	1	14	9	8	1	9	5	7	5	8	7	4	3	10	8	2	3	5	6	14	5	4	8	9	3	5
2020	8	8.0	3	13	5	5	7	7	7	13	8	3	12	7	12	10	8	9	5	8	10	10	6	8	8	8	8	4
2021	6	6.3	1	13	8	6	4	5	7	7	4	6	7	8	5	6	7	10	8	7	1	6	7	13	4	12	5	4
2022	6	6.4	2	11	5	5	8	5	4	5	7	7	6	9	9	10	5	2	4	3	9	6	11	9	5	3	6	10
2023	8	7.5	1	16	2	3	1	6	1	9	8	14	6	8	11	6	11	10	13	4	8	16	4	9	10	7	9	4
2024	6	6.6	1	13	12	6	4	5	6	9	7	7	4	3	3	5	13	12	9	3	1	5	7	8	6	12	6	6
2025	6	6.3	0	13	11	2	6	7																				





2038	0	0.5	0	3	0	0	1	0	3	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	3	0
2039	1	0.8	0	3	2	2	0	0	0	1	1	2	1	1	0	1	0	0	1	0	1	2	0	1	3	1	0	0	
2040	1	0.8	0	5	3	2	0	1	5	0	1	1	1	0	2	1	0	0	0	0	0	0	0	1	1	0	1	0	
2041	0	0.6	0	2	0	2	1	2	1	2	2	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	
2042	0	0.6	0	2	1	2	0	2	1	0	0	0	0	0	1	0	2	1	0	1	1	1	0	0	0	0	0	1	
2043	0	0.8	0	3	1	0	0	0	0	2	1	0	1	2	2	0	0	3	0	0	1	0	0	2	0	3	0	1	
2044	0	0.4	0	2	1	0	0	0	0	0	0	1	2	0	0	1	0	1	0	0	0	1	1	0	0	0	0	1	
2045	0	0.6	0	3	1	3	0	2	2	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	2	
2046	1	0.8	0	4	1	0	1	0	2	2	2	2	0	0	0	1	0	2	4	0	0	0	1	0	1	1	0	2	
2047	0	0.7	0	3	2	1	0	0	0	0	3	1	0	2	1	0	0	0	3	1	0	0	2	0	0	0	0	0	
2048	0	0.4	0	2	1	1	0	0	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2049	0	0.5	0	3	0	2	0	0	0	1	0	1	1	0	0	0	0	0	0	3	0	0	0	2	0	0	0	1	
2050	0	0.5	0	2	0	0	0	0	1	1	0	1	0	2	0	0	0	1	1	0	2	0	1	0	0	0	0	1	
2051	0	0.6	0	3	0	1	0	0	0	0	1	0	0	3	0	0	0	2	0	1	2	1	1	0	1	1	0	0	
2052	1	0.7	0	2	1	0	0	0	2	1	2	1	0	0	1	0	0	2	2	1	0	0	1	0	1	2	0	0	
2053	1	0.8	0	3	2	1	3	1	2	0	1	0	2	0	1	1	0	2	0	1	1	0	0	0	0	0	2	0	
2054	0	0.6	0	3	0	1	1	3	0	1	1	1	0	0	0	0	0	1	0	0	0	2	0	0	0	2	1	0	
2055	0	0.6	0	5	0	1	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0	1	0	5	0	0	
2056	1	0.9	0	4	2	1	1	2	1	2	1	1	0	4	2	1	1	0	0	0	0	0	0	0	2	0	0	1	
2057	1	0.8	0	3	0	1	0	0	1	1	2	0	1	0	0	0	0	1	0	2	2	0	2	2	0	1	3	2	
2058	0	0.5	0	2	1	0	0	1	1	1	0	0	2	0	1	1	0	0	1	1	0	0	0	0	2	0	1	0	
2059	0	0.6	0	3	0	2	0	1	0	0	0	2	0	1	3	0	0	2	0	2	0	0	1	0	0	1	0	0	
2060	0	0.5	0	4	1	4	0	0	0	1	1	1	0	0	2	0	0	1	0	0	0	0	1	0	0	1	0	0	
2061	0	0.5	0	2	1	1	0	2	0	1	1	1	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	
2062	0	0.9	0	4	1	0	0	0	0	2	1	0	0	0	3	0	1	2	1	0	0	3	1	0	4	0	2	0	
2063	0	0.6	0	2	0	0	0	1	0	0	2	1	1	0	0	1	0	0	2	1	0	1	1	0	0	2	1	0	
2064	1	1.0	0	3	1	3	1	1	0	1	3	0	1	0	1	1	1	0	0	1	1	2	0	2	1	2	2	0	
2065	0	0.6	0	3	1	0	0	1	1	1	0	2	3	1	0	0	0	1	0	0	1	0	0	0	0	0	0	3	
2066	0	0.4	0	3	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	3	0	0	0	2	0	0	0	
2067	0	0.6	0	3	0	0	0	1	1	0	2	0	1	1	1	0	0	1	2	0	0	1	0	0	0	0	0	3	
2068	0	0.5	0	3	0	0	1	0	0	1	0	1	2	0	0	1	0	1	0	0	3	1	0	0	1	0	1	0	
2069	0	0.5	0	2	0	0	1	2	1	0	2	0	0	0	1	0	2	0	0	1	1	1	0	0	1	0	0	0	
2070	0	0.7	0	3	0	1	0	0	0	2	2	0	0	1	1	0	0	1	0	3	0	1	1	0	2	0	0	2	
2071	0	0.5	0	2	1	0	0	0	1	0	2	0	0	2	0	0	0	1	1	0	1	0	2	0	0	1	0	1	
2072	1	0.7	0	3	0	0	1	3	1	0	3	1	0	0	1	0	1	1	0	0	1	0	1	0	1	1	0	0	
2073	0	0.5	0	3	0	0	0	1	1	0	0	1	0	0	1	3	1	1	0	0	1	1	0	0	1	0	0	1	
2074	0	0.5	0	2	0	2	0	2	0	1	0	1	0	0	1	0	1	0	0	0	1	1	0	0	0	1	1	0	
2075	0	0.4	0	1	0	0	0	0	1	1	1	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1	
2076	0	0.8	0	3	0	0	0	0	0	0	1	2	3	1	0	1	3	0	1	2	0	0	1	0	2	2	0	0	
2077	0	0.5	0	3	1	0	1	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2078	0	0.7	0	3	0	0	2	0	2	2	0	0	1	2	1	0	0	0	2	0	0	0	0	2	0	1	0	0	
2079	0	0.7	0	4	2	1	0	1	0	2	0	0	0	0	0	0	0	1	2	0	0	0	0	4	0	2	0	0	
2080	0	0.8	0	4	0	0	0	0	2	0	4	1	1	2	0	0	0	0	0	0	0	0	1	1	2	1	3	2	0
2081	0	0.2	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
2082	0	0.8	0	4	0	0	1	1	0	0	1	0	0	3	3	0	4	0	0	0	1	1	2	0	0	0	0	1	
2083	0	0.8	0	6	6	0	1	1	0	1	0	0	0	0	0	0	0	2	1	0	0	1	1	2	3	0	1	0	
2084	1	0.5	0	2	2	0	1	1	0	1	0	0	0	0	1	0	0	1	0	0	1	1	1	0	1	1	0	0	
2085	1	0.7	0	4	1	1	1	0	1	2	1	1	1	1	0	0	1	1	4	0	0	0	0	0	0	0	0	0	
2086	0	0.7	0	2	0	0	2	2	0	0	1	0	0	2	1	0	0	1	0	1	1	0	2	0	0	0	0	0	
2087	1	0.7	0	2	1	1	0	0	0	1	0	0	0	2	0	0	2	1	1	2	0	2	0	1	0	1	2	0	
2088	0	0.5	0	3	1	1	0	3	0	0	1	0	0	1	0	1	0	1	0	0	0	0	1	0	0	1	1	0	
2089	0	0.7	0	3	0	3	0	0	1	1	1	0	0	0	2	1	0	2	1	1	0	0	3	1	0	0	0	0	
2090	1	0.7	0	2	1	2	0	1	1	1	1	0	0	0	0	0	0	1	2	0	1	0	1	2	1	0	0	1	
2091	1	0.6	0	2	1	0	0	0	1	1	2	0	1	1	0	1	1	0	0	1	0	2	0	0	0	1	1	0	
2092	0	0.5	0	2	0	1	0	0	1	0	0	1	0	1	2	1	0	1	0	0	1	1	2	1	0	0	0	0	
2093	0	0.5	0	2	1	1	0	2	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	
2094	0	0.3	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	1	
2095	0	0.4	0	2	0	1	1	0	0	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	0	1	0	0	
2096	1	0.8	0	3	1	0	0	2	2	0	1	0	0	1	0	0	0	2	3	0	1	2	0	1	2	0	0	0	
2097	0	0.6	0	3	0	2	0	0	0	1	1	0	2	0	2	0	1	0	0	0	0	0	0	3	0	0	0	1	
2098	1	0.8	0	2	0	0	0	2	0	1	0	1	1	1	2	0	1	0	2	2	1	1	1	0	0	1	1	1	
2099	0	0.8	0	4	0	2	0	0	4	0	3	1	0	0	1	0	0	1	0	1	0	1	0	1	0	2	1	0	
2100	0	0.5	0	2	0	1	1	0	1	0	1	1	1	0	1	0	1	2	0	0	0	1	0	0	0	0	0	0	

**RCP4.5**  
**Total Annual Precip (mm)**

Year	Total Annual Precip (mm)					pr MIROC-ESM		pr MIROC-ESM-CHEM		pr CNRM-CM5		pr MRI-CGCM3		pr MPI-ESM-MR		pr MPI-ESM-LR		pr HadGEM2-ES		pr HadGEM2-AO		pr bcc-csm1-1		pr FGOALS-g2		pr IPSL-CM5A-MR		pr GFDL-CM3		pr CESM1-CAM5		pr CanESM2		pr GFDL-ESM2G		pr IPSL-CM5A-LR		pr MIROC5		pr bcc-csm1-1		pr NorESM1-MR		pr BNU-ESM		pr NorESM1-ME		pr GFDL-ESM2M		pr CCSM4		pr CSIRO-Mk3-6-0	
	Median	Mean	Min	Max	std	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical	historical					
2011	468.3	470.7	346.8	614.1	48.1	485.1	542.4	428.4	415.9	449.8	579.2	423.7	385.2	499.9	501.9	417.6	564.0	468.7	428.2	614.1	346.8	458.5	508.5	462.6	467.8	474.1	356.3	540.2	476.8																								
2012	474.1	475.1	351.0	689.2	379.1	499.1	455.8	402.6	559.1	520.3	512.8	498.5	394.9	473.1	364.5	511.6	475.1	419.3	689.2	420.4	374.5	522.2	351.0	456.5	522.7	592.6	613.3	394.1																									
2013	488.8	476.8	327.1	630.4	410.5	499.6	513.0	442.0	489.1	526.6	519.5	403.3	467.1	511.2	532.0	504.4	375.8	451.6	455.1	630.4	613.9	423.5	464.5	522.3	488.5	327.1	370.5	502.3																									
2014	472.1	469.6	344.2	584.9	453.8	468.3	475.9	432.8	506.8	500.7	525.5	530.4	584.9	406.8	478.1	439.5	454.8	491.9	344.2	477.6	444.7	452.0	490.8	373.4	527.7	448.0	500.7	461.3																									
2015	462.6	466.8	366.5	621.8	515.2	621.8	383.0	436.3	437.1	455.4	463.6	497.9	461.7	512.4	413.4	366.5	483.4	400.2	541.2	405.9	375.0	557.7	563.4	517.9	387.9	403.6	471.0	531.0																									
2016	480.1	481.3	374.7	599.2	555.5	445.4	528.8	379.0	529.2	459.6	437.6	551.6	530.8	490.5	518.3	512.8	450.0	394.2	374.7	599.2	383.1	590.2	469.7	420.2	409.6	514.6	542.3	463.7																									
2017	457.6	466.9	280.2	595.1	509.6	426.3	483.3	375.0	595.1	424.0	532.0	444.5	280.2	425.9	493.7	463.4	469.3	531.2	400.5	446.1	588.0	451.9	546.7	591.9	369.1	502.1	415.5	441.3																									
2018	450.8	460.0	342.9	592.8	352.4	504.0	342.9	592.8	443.3	518.4	428.3	462.7	421.8	489.0	377.0	549.3	426.6	458.2	504.8	416.3	429.8	437.6	371.4	427.7	491.1	491.8	531.3																										
2019	436.8	435.4	350.0	535.3	370.9	448.5	469.7	446.4	476.6	376.6	434.4	487.3	465.5	402.5	390.2	417.3	498.8	535.3	369.9	434.5	461.7	350.0	477.1	461.2	463.5	416.6	432.2	421.8																									
2020	469.4	489.0	362.7	632.5	571.8	474.6	555.2	585.2	410.0	448.2	392.0	562.7	442.1	453.3	421.6	432.2	522.0	470.8	461.3	632.5	468.0	469.9	623.2	567.0																													
2021	464.5	462.5	354.7	588.2	466.5	365.3	529.8	551.6	439.1	487.6	588.2	420.4	489.9	456.3	354.7	533.6	438.5	380.8	489.6	462.5	507.4	382.7	421.2	469.9	357.3	521.7	460.3																										
2022	472.1	470.0	348.8	601.6	366.5	455.8	426.9	601.6	542.1	490.3	475.5	461.0	502.0	398.0	508.5	470.8	512.5	540.7	525.1	473.8	446.3	348.8	451.9	431.8	391.4	360.6	521.4																										
2023	475.8	481.6	361.8	663.3	427.6	381.6	511.5	416.8	578.0	437.0	390.9	501.9	440.0	502.8	576.7	497.7	546.0	470.3	528.4	450.3	461.8	428.8	388.1	521.4	556.9	663.3	481.3	398.3																									
2024	471.5	476.7	365.8	585.2	491.9	553.7	385.7	580.4	570.8	464.4	585.2	497.5	481.9	426.7	520.8	413.3	429.7	498.7	403.0	496.5	365.8	471.7	542.5	470.8	471.4	431.6	433.2																										
2025	467.2	469.3	356.5	644.6	402.0	439.4	510.8	413.2	536.5	644.6	483.8	371.7	356.5	538.4	454.5	441.9	503.0	523.9	467.9	366.3	544.4	466.5	402.6	497.2	448.5	474.7	431.5	544.4																									
2026	446.9	447.3	358.2	568.8	432.2	399.1	368.5	568.8	480.8	421.6	489.2	361.0	417.3	503.3	467.3	358.2	454.8	391.3	497.6	415.2	448.5	500.5	432.8	516.1	413.7	448.0	498.1	454.1																									
2027	490.1	483.9	336.9	586.8	564.1	519.9	538.0	485.1	459.2	568.4	504.0	434.3	414.6	468.2	520.3	474.6	409.9	410.5	586.8	430.1	524.0	426.9	495.1	540.2	586.2	336.9	527.9	387.9																									
2028	466.6	477.3	369.7	632.8	410.9	375.9	566.1	369.7	468.9	374.2	471.5	555.2	485.2	459.3	491.1	512.4	447.9	626.1	328.8	392.2	549.2	461.5	476.0	424.8	446.9	525.4	464.4	518.7																									
2029	477.8	477.7	332.2	654.5	654.5	407.4	435.0	395.7	575.0	491.9	485.4	409.6	436.1	365.5	499.2	600.9	455.6	344.3	563.8	433.8	470.3	528.4	442.0	542.4	557.6	332.2	512.8	525.0																									
2030	470.5	479.9	365.5	597.2	530.8	422.7	365.5	528.8	481.8	583.5	597.2	467.2	503.5	408.9	473.9	600.3	514.2	363.9	421.0	527.8	413.0	473.9	443.7	567.4	442.0	566.2	441.3	439.3																									
2031	482.9	488.6	337.3	658.9	654.0	434.7	429.6	420.0	376.9	558.6	362.4	499.9	481.6	389.6	592.3	425.5	601.3	484.3	658.9	516.8	440.3	524.2	513.7	418.1	455.6	337.3	542.2	609.1																									
2032	498.5	502.3	389.9	661.9	404.7	486.1	629.8	490.5	410.2	425.9	500.9	488.1	496.1	536.3	516.2	428.2	527.5	389.9	657.1	424.8	476.5	516.6	516.0	661.9	547.6	487.7	531.1	511.8																									
2033	497.3	484.1	319.0	677.6	493.3	364.8	446.7	543.1	404.6	544.9	510.1	383.0	507.6	532.1	401.5	337.2	636.4	484.3	582.6	677.6	487.1	563.3	373.6	534.2	473.6	319.0	516.2	501.3																									
2034	484.5	485.2	387.2	623.2	623.2	499.8	536.0	490.7	418.0	593.1	405.0	543.3	449.0	394.8	468.7	387.2	513.8	427.8	441.0	481.7	487.4	472.0	499.1	501.3	623.2	494.7	410.6	562.8	445.8																								
2035	488.2	496.6	350.2	629.2	536.2	521.8	523.5	522.9	624.7	584.2	550.3	474.2	489.6	452.6	422.1	624.8	455.6	584.0	545.0	373.8	430.4	350.2	398.7	469.1	446.1	423.1	629.2	486.7																									
2036	485.1	490.9	337.0	671.0	442.7	579.0	426.0	542.6	527.3	422.9	377.8	455.2	542.9	382.4	496.7	452.7	477.6	501.9	582.5	426.3	613.4	483.9	516.7	337.0	611.3	671.0	486.4																										
2037	468.2	476.8	272.7	786.1	567.9	502.6	447.5	491.0	473.3	437.6	381.4	463.2	515.6	478.7	437.7	401.6	512.5	596.9	786.1	414.4	439.8	498.3	550.6	503.1	272.7	451.1	358.0	452.7																									
2038	526.6	516.2	365.8	682.2	594.1	569.0	489.6	639.5	585.5	426.5	692.2	413.5	457.6	557.5	603.0	433.3	552.8	392.5	549.8	661.3	583.1	501.9	536.1	411.0	512.2	482.3	386.9	365.8																									
2039	492.3	485.4	366.9	710.8	555.9	569.1	502.2	407.4	409.2	564.1	533.5	373.9	405.6	520.3	522.1	366.9	710.8	448.5	442.4	482.6	433.6	501.9	398.1	529.8	514.1	375.6	638.4	443.4																									
2040	483.3	477.6	347.9	620.2	580.4	402.5	531.9	543.2	511.0	480.8	514.3	373.7	357.3	491.9	570.6	514.7	442.6	454.5	347.9	620.2	455.3	501.4	455.6	474.7	405.0	581.4	388.7	538.0																									
2041	477.6	492.0	373.1	610.2	591.4	448.5	484.6	412.9	551.4	418.0	605.1	603.5	591.7	606.4	583.9	402.7	426.9	470.5	385.8	439.5	390.7	443.6	610.2	515.4	373.1	378.2	513.3	560.6																									
2042	500.4	516.0	344.3	756.5	362.2	713.7	419.9	630.9	398.3	475.2	458.8	495.4	530.3	427.4	437.4	538.7	344.3	459.7	556.1	722.6	645.7	529.5	567.5	580.1	526.6	456.0	756.5	388.5																									
2043	470.4	465.4	325.9	605.2	470.2	452.0	488.2	605.2	432.6	519.8	424.1	444.6	539.4	478.1	482.1	470.6	426.3	475.0	483.2	325.9	549.5	388.6	399.7	430.8	516.6	447.2	528.5	390.5																									
2044	475.1	482.1	343.5	619.2	452.7	418.7	512.3	504.1	436.6	481.2	519.0	562.9	445.3	518.7	489.1	515.7	574.8	440.7	441.6	460.2	343.5	453.4	488.1	567.3	402.4	469.1	619.2	453.2																									
2045	492.3	502.1	386.3	668.6	609.9	307.0	544.1	543.7	473.1	668.6	518.8	416.8	501.3	479.1	460.5	577.0	632.8	386.3	550.7	423.8	475.8	419.9	585.6	441.9	483.3	471.7	422.3	511.5																									
2046	469.7	484.6	367.0	655.0	367.0	549.9	409.4	531.7	472.8	564.1	457.1	479.0	534.6	610.5	502.7	460.8	508.6	445.4	655.0	451.7	411.0	430.8	374.5	466.6	371.4	631.3	508.4	437.1																									
2047	448.5	471.5	362.3	620.7	620.7	524.4	427.4	531.2	616.3	425.6	542.4	589.2	462.3	433.0	438.2	428.4	498.8	447.6	479.0	377.1	542.1	419.0	401.1	450.1	449.4	442.6	462.4	397.3																									
2048	463.2	472.1	307.9	634.4	465.5	307.9	488.5	613.1	571.0	478.3	463.2	506.0	533.0	378.3	412.7	599.3	463.3	441.6	634.4	405.8	510.8	447.8	445.2	433.9	437.6	486.7	407.7	399.4																									
2049	501.6	507.6	351.4	716.5	351.4	559.0	469.0	507.7	541.1	716.5	553.4	441.3	462.4	500.5	521.6	609.1	602.5	537.9	625.6	496.7	438.4	572.6	503.2	461.2	427.9	387.1	491.1	431.1																									
2050	497.5	489.1	364.0	629.3	585.5	612.7	364.3																																														

2090	530.8	530.5	379.4	698.5	589.2	557.1	459.9	379.4	454.9	698.5	540.8	580.3	500.4	547.7	605.6	498.0	621.4	592.1	587.2	565.1	458.5	420.1	519.7	562.4	518.8	482.4	520.9	472.5	
2091	493.0	504.5	305.8	652.5	490.8	454.5	622.1	452.5	505.7	464.1	473.1	521.4	509.4	495.2	622.2	414.2	513.7	472.5	627.5	486.6	475.1	533.6	538.0	459.1	394.0	305.8	624.9	652.5	
2092	499.3	512.9	399.8	667.1	538.9	466.1	538.9	456.3	623.6	452.8	585.8	408.3	437.5	471.7	568.0	667.1	553.3	457.1	492.4	568.3	593.9	501.8	529.3	482.5	547.4	399.8	482.6	496.7	
2093	497.6	503.9	378.2	646.0	646.0	468.3	382.5	550.6	545.6	537.1	572.9	459.1	467.4	533.1	512.5	471.6	595.5	478.7	521.8	575.4	426.2	378.2	392.0	498.4	496.8	605.8	495.5	482.7	
2094	525.7	521.7	377.6	793.2	546.1	474.1	506.4	548.1	593.3	523.0	561.6	377.6	405.1	660.6	499.5	540.5	487.8	385.2	542.2	548.6	427.0	793.2	456.8	724.7	408.6	540.8	528.4	442.3	
2095	458.1	482.8	347.2	672.7	511.5	607.3	446.3	589.4	458.8	374.8	347.2	568.0	618.6	414.5	506.1	454.0	458.5	457.6	672.7	387.2	412.7	600.1	424.1	425.7	439.5	513.1	503.1	396.3	
2096	450.9	462.8	326.1	617.1	570.8	617.1	476.1	556.0	442.3	479.1	442.7	432.0	367.0	373.5	473.6	440.8	428.6	500.9	404.8	533.7	377.1	326.1	520.1	469.3	438.4	442.9	503.6	398.8	458.9
2097	516.0	520.3	343.0	781.4	468.1	484.7	582.9	622.5	474.8	514.3	378.7	517.7	557.6	477.1	343.0	496.4	514.0	576.1	781.4	523.6	419.3	508.3	548.5	631.3	384.8	532.3	557.0	593.4	
2098	506.8	497.4	370.0	620.4	447.7	485.5	503.2	554.8	539.5	373.0	510.5	437.7	556.5	456.4	577.1	417.9	436.0	551.1	620.4	419.8	526.5	422.6	520.8	419.8	527.9	598.2	440.4	440.4	
2099	492.1	504.5	382.6	686.1	536.6	492.1	438.6	492.1	466.0	686.1	604.9	437.0	455.6	392.0	572.5	525.6	658.5	487.2	498.0	382.6	554.7	457.0	538.9	544.8	512.9	459.3	476.2	439.0	
2100	514.1	509.6	327.9	701.4	543.0	586.5	701.4	467.1	548.9	420.9		495.3	539.2	605.5	582.3	370.1	588.5	376.3	513.6	514.1	470.5	579.3	487.6	427.8	499.6	327.9	518.1	558.1	

RCP4.5

Max Daily Precip (mm)

Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CM5 historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-g2 historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp45 (kg m-2 d-1)	pr MIROC5 historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ME historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM4 historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)
2011	20.6	23.0	13.3	43.4	17.9	27.8	18.4	28.9	18.5	31.2	43.4	20.8	31.6	31.2	21.0	23.2	15.7	17.0	34.5	13.3	16.2	15.1	17.3	20.4	18.9	14.5	26.9	28.5
2012	25.5	25.1	14.6	37.6	19.5	26.6	25.9	24.8	31.7	22.3	28.3	33.7	37.6	23.6	15.1	22.8	20.4	29.4	14.6	31.8	31.7	17.9	27.7	17.2	25.1	26.8	24.7	24.7
2013	22.2	23.3	10.3	45.7	14.4	24.6	13.6	22.2	37.6	28.0	19.5	22.4	21.3	17.9	22.1	19.8	14.3	21.8	23.3	17.2	45.7	26.3	24.6	38.8	28.8	10.3	31.2	14.5
2014	22.3	24.4	10.7	38.3	15.8	38.3	27.9	34.1	35.6	27.8	19.9	23.7	34.3	20.3	29.4	15.2	37.4	18.0	10.7	18.3	21.4	26.9	17.5	21.4	21.7	18.7	29.6	22.8
2015	25.8	26.2	9.2	49.5	28.5	26.2	21.3	16.4	25.7	21.3	34.8	24.2	22.8	49.5	27.4	25.8	16.9	17.4	17.6	16.7	29.7	37.3	29.5	27.5	47.1	9.2	31.9	24.3
2016	23.8	28.6	13.0	64.7	22.7	53.7	64.7	13.0	35.7	16.4	30.4	35.0	25.0	20.0	46.1	14.4	21.1	17.7	37.3	18.9	51.4	25.3	21.0	15.5	32.2	33.6	18.4	18.4
2017	23.8	27.6	8.3	58.1	14.1	50.6	42.0	22.8	37.5	21.8	23.8	23.8	25.8	8.3	26.6	17.3	16.3	25.8	53.7	30.6	24.2	58.1	20.1	21.1	22.6	16.3	31.0	30.5
2018	20.7	22.3	13.3	32.8	15.4	21.4	18.8	31.9	25.6	18.4	19.5	13.3	21.4	26.8	15.4	31.9	18.0	14.1	20.2	18.5	29.4	26.4	25.8	17.9	20.4	30.9	20.9	32.8
2019	22.1	21.7	10.5	32.2	12.0	20.9	29.8	26.7	23.7	20.7	25.5	29.8	21.1	27.5	21.3	19.8	14.8	13.8	14.6	20.4	10.5	24.6	22.8	24.1	28.2	32.7	24.5	12.6
2020	22.9	27.4	14.6	65.4	36.5	49.2	26.8	55.3	30.8	16.7	19.9	17.5	65.4	18.8	19.8	21.6	22.8	14.6	19.6	19.0	26.3	15.2	23.1	27.8	27.5	14.9	38.0	31.5
2021	24.6	25.0	12.4	54.9	19.4	18.0	20.7	29.2	23.0	38.5	24.2	34.5	15.5	22.0	26.9	19.8	27.9	15.7	24.9	54.9	12.4	31.7	14.0	13.5	28.1	25.2	26.8	32.1
2022	24.2	26.6	13.5	56.7	37.0	14.6	23.3	18.6	20.4	43.6	24.4	40.5	22.5	30.7	22.2	31.5	25.4	41.0	27.3	28.3	14.0	16.4	13.5	24.0	15.9	22.8	24.6	56.7
2023	26.7	24.3	12.0	33.1	33.1	19.9	21.6	28.8	28.1	16.6	18.3	17.4	28.6	16.4	31.1	25.9	16.7	23.3	18.9	29.8	27.9	17.3	12.0	31.0	29.9	31.2	27.5	32.3
2024	22.6	24.9	13.9	73.3	28.8	25.0	21.5	13.9	46.2	27.7	17.9	21.0	24.9	73.3	15.9	21.4	17.8	16.9	27.2	18.2	18.1	16.3	23.8	27.8	28.7	24.7	15.6	26.0
2025	20.6	23.6	13.9	48.9	13.9	21.7	42.2	19.2	35.7	22.0	48.9	14.2	15.8	18.7	20.6	19.3	32.3	16.1	20.6	24.1	24.2	16.2	16.2	16.2	22.8	18.0	38.4	28.4
2026	23.8	24.1	13.4	43.5	30.7	20.1	14.7	28.7	34.8	20.0	19.8	15.1	23.9	31.2	43.5	19.3	14.3	17.0	13.4	32.4	24.4	20.4	27.6	29.3	17.4	28.8	23.7	23.7
2027	21.6	24.8	14.9	48.4	27.1	18.2	48.4	16.2	21.0	26.7	20.2	23.9	14.9	29.1	21.8	25.9	35.4	15.6	39.6	17.4	24.5	16.9	20.6	25.3	44.8	21.3	20.3	20.9
2028	19.9	23.3	14.5	51.0	23.3	14.5	30.4	15.4	18.6	18.2	17.0	40.3	19.3	18.8	51.0	22.9	15.3	27.4	16.8	22.7	30.2	28.4	19.1	16.4	20.7	20.5	15.9	36.6
2029	21.6	23.5	13.7	47.2	47.2	14.9	14.0	14.5	29.0	14.6	25.5	16.2	26.2	18.8	42.2	40.6	15.3	21.9	29.2	17.3	22.4	21.4	23.6	18.3	30.1	13.7	18.4	28.8
2030	21.3	22.6	10.6	37.2	23.2	18.3	28.0	28.0	20.9	27.1	30.0	21.0	21.0	16.5	25.8	19.5	19.2	19.8	20.8	27.6	10.6	21.7	23.6	28.2	17.4	37.2	19.8	19.8
2031	27.0	27.9	12.9	57.2	31.3	29.7	57.2	16.2	23.4	31.1	16.8	32.9	27.0	18.8	27.4	19.6	54.2	32.1	23.2	27.1	14.6	19.3	42.9	21.9	24.2	12.9	33.1	32.3
2032	26.6	26.1	12.9	43.2	15.0	32.7	36.7	31.5	18.0	26.2	22.9	29.3	21.3	27.1	22.1	12.9	27.0	43.2	20.1	17.5	42.4	15.7	31.6	27.6	23.6	35.0	28.6	19.1
2033	22.6	23.3	14.9	36.7	20.5	14.9	25.1	22.4	36.5	15.8	19.4	19.8	23.6	27.4	16.4	22.2	29.6	20.1	27.6	36.7	16.0	26.3	24.5	26.8	22.7	18.8	23.0	22.5
2034	28.8	27.0	13.1	47.1	47.1	33.8	32.1	20.0	23.5	15.3	31.4	29.3	29.6	30.8	22.3	22.8	34.1	31.1	30.5	25.1	17.1	13.1	14.1	38.5	25.4	28.2	33.8	19.8
2035	25.5	29.4	13.0	63.6	63.6	22.5	39.0	50.0	57.7	31.8	24.3	18.2	50.0	13.0	18.4	36.8	26.6	20.3	27.0	27.4	24.4	13.1	13.1	18.3	20.0	15.2	33.1	42.1
2036	23.4	24.8	11.9	48.9	23.5	37.7	29.9	36.1	25.9	19.6	22.3	14.4	22.3	27.2	13.4	37.9	11.9	17.5	15.2	28.0	15.5	48.9	18.6	23.3	17.2	25.0	33.0	31.3
2037	23.5	25.2	14.7	68.1	25.8	27.2	19.5	19.6	36.8	28.9	26.3	28.5	20.4	19.5	18.3	15.2	68.1	30.3	23.0	18.0	24.0	14.7	36.0	20.0	17.4	24.6	24.8	17.1
2038	29.2	30.3	15.7	55.6	36.3	30.6	24.7	29.0	45.0	17.9	51.9	25.0	26.2	40.9	35.6	30.8	19.8	29.4	22.2	30.7	42.3	43.8	23.5	18.8	16.0	55.6	15.7	16.1
2039	23.9	25.7	12.2	71.5	49.0	27.7	19.3	28.4	19.7	32.7	23.9	15.9	13.9	19.4	27.4	28.3	71.5	21.1	12.2	35.7	18.9	26.6	18.6	24.0	28.1	12.7	25.4	16.4
2040	23.9	24.1	16.5	34.6	28.7	20.0	18.0	34.6	30.1	17.5	21.3	17.0	26.4	28.6	26.8	22.6	30.8	16.5	25.5	21.0	30.0	20.5	26.2	23.4	20.0	28.7	24.5	19.9
2041	21.5	26.4	13.3	63.0	25.5	31.2	21.1	17.1	19.6	22.4	28.2	63.0	56.6	20.4	31.7	18.1	24.7	18.1	20.7	31.9	19.8	14.8	31.9	30.3	19.8	13.3	19.2	43.9
2042	22.3	28.2	12.4	49.9	12.4	34.7																						

2077	25.1	28.2	10.1	65.5	65.5	25.8	45.1	32.1	29.8	38.5	28.3	21.8	26.6	31.1	27.7	18.1	42.4	14.4	24.5	18.4	51.7	21.5	22.6	10.1	21.7	23.5	16.0	19.2		
2078	23.1	25.6	9.1	49.9	33.9	17.6	43.7	49.9	32.4	33.6	22.1	34.7	44.0	17.8	25.3	15.8	14.9	21.4	24.1	18.8	24.1	21.5	21.4	24.4	9.1	19.8	14.1	29.7		
2079	26.0	28.7	14.7	51.4	34.4	26.6	33.2	14.7	25.5	42.3	22.4	25.5	24.0	51.4	21.6	21.1	15.6	42.5	36.1	36.0	32.2	18.9	34.8	20.0	25.5	26.4	37.9			
2080	27.0	29.5	12.7	75.0	43.0	31.5	59.6	45.6	32.4	34.5	16.5	20.2	27.3	30.3	30.8	18.5	75.0	12.7	23.2	35.8	27.3	25.5	26.8	21.4	18.8	12.9	20.6	18.9		
2081	23.6	26.8	12.6	62.8	27.0	26.7	17.5	31.4	13.9	27.0	34.7	29.4	62.8	23.9	12.6	37.7	21.2	21.5	16.3	23.2	17.7	19.2	20.0	21.7	35.7	17.9	60.0	24.8		
2082	24.4	27.6	15.8	85.2	18.9	26.2	23.9	26.3	24.4	15.8	18.7	24.4	27.2	24.0	31.0	16.0	22.4	24.3	28.0	32.2	25.4	85.2	16.4	24.3	28.8	24.5	22.9	50.6		
2083	22.3	26.4	11.4	99.6	45.0	25.8	21.9	17.5	18.2	18.0	99.6	23.4	23.0	16.9	22.7	23.7	26.7	21.4	11.4	24.4	21.1	20.3	21.2	37.9	31.8	17.8	14.4	29.8		
2084	22.4	24.6	14.7	50.3	20.6	40.0	38.1	17.0	14.7	22.7	17.4	18.8	18.8	21.8	27.9	23.1	50.3	21.9	16.5	14.8	31.0	26.0	29.4	28.5	30.5	24.0	15.1	22.1		
2085	23.3	23.4	14.6	38.6	28.4	31.5	27.7	23.6	29.5	19.4	39.1	15.6	19.0	14.6	24.5	27.6	20.3	21.2	23.9	20.4	15.0	18.2	23.1	15.6	19.4	27.6	38.6	24.5		
2086	24.7	27.9	12.6	56.5	14.1	27.9	24.3	56.5	29.2	19.1	23.9	24.5	20.1	55.0	14.2	20.6	46.0	14.1	12.6	35.9	28.9	55.4	31.7	18.3	26.8	24.9	19.2	27.2		
2087	22.3	24.3	13.8	49.4	17.1	19.2	20.4	16.6	24.3	14.9	28.1	22.6	49.4	24.6	32.0	24.9	21.0	22.0	37.4	35.7	13.8	19.0	17.0	18.7	18.1	33.8	29.7	22.7		
2088	19.9	22.1	12.9	36.5	36.5	13.3	16.6	19.4	29.5	23.5	25.0	24.5	20.4	18.8	12.9	13.5	31.4	19.5	27.5	35.6	15.1	16.8	35.0	20.2	17.0	17.5	22.9			
2089	25.9	29.1	12.8	63.2	33.2	23.4	59.0	34.2	30.0	17.7	26.1	25.8	20.1	24.1	29.9	12.8	19.8	42.3	30.0	35.5	62.0	18.3	20.4	17.8	63.2	25.3	27.2	18.1		
2090	28.9	29.1	15.5	55.6	43.4	29.1	20.6	15.7	15.5	56.6	26.9	39.6	16.7	30.4	30.3	17.9	24.4	40.4	26.0	32.8	28.6	33.0	25.6	34.2	18.1	32.0	38.2	23.1		
2091	23.8	26.4	12.4	49.9	49.9	14.2	34.4	42.1	21.8	17.6	23.5	15.7	21.9	18.3	38.0	22.8	35.5	25.6	26.1	35.7	16.1	24.1	20.4	35.4	18.2	12.4	29.1	34.0		
2092	23.1	24.3	14.7	46.5	14.7	15.2	31.8	16.9	26.8	21.2	44.4	20.1	15.2	21.8	39.2	18.9	19.4	21.9	46.5	26.7	18.5	15.5	28.5	28.1	15.8	25.1	30.0			
2093	22.1	25.6	13.5	76.4	40.1	20.6	14.5	24.1	27.7	30.1	23.6	26.9	15.9	18.9	32.4	26.3	37.0	17.3	13.5	36.2	19.9	15.8	15.3	34.1	16.1	76.4	16.7	16.4		
2094	26.2	31.4	15.7	101.5	20.6	42.1	29.1	45.2	29.9	29.8	18.9	19.7	17.9	24.0	33.9	20.9	17.8	34.4	28.4	84.8	16.8	101.5	29.5	36.3	15.7	19.8	18.5	19.0		
2095	19.0	24.2	13.5	61.7	13.5	25.1	14.2	22.6	32.4	40.5	13.9	19.9	61.7	15.4	17.0	19.9	17.4	39.5	37.9	18.2	16.5	17.5	16.7	16.2	16.2	25.0	34.1	30.1		
2096	20.2	23.0	15.7	40.5	22.1	28.3	20.1	28.1	22.4	39.4	16.1	19.9	22.4	18.9	15.7	19.7	18.6	19.6	32.4	19.3	25.8	20.4	19.2	40.5	25.7	19.7	22.6	16.5		
2097	25.2	26.1	14.0	53.1	27.2	14.0	35.5	26.4	39.8	25.1	17.9	25.9	26.1	14.9	18.9	25.8	20.9	28.6	53.1	22.1	19.9	23.9	25.0	46.3	16.4	19.0	28.8	25.3		
2098	25.0	25.9	16.2	41.4	33.0	21.9	23.4	25.0	28.2	21.6	26.9	22.8	34.9	25.8	31.8	21.4	34.7	19.9	23.4	21.2	25.0	19.6	26.4	26.9	16.2	41.4	29.9	19.2		
2099	22.6	24.1	14.0	42.6	14.0	29.0	18.7	21.2	21.8	22.0	42.6	31.1	22.7	22.4	25.6	19.3	26.2	29.4	15.7	27.3	37.5	24.6	25.3	18.1	16.1	20.6	31.1	15.3		
2100	22.3	25.1	10.3	66.9	32.5	19.5	35.9	21.6	23.6	29.3		30.7	20.9	24.4	28.6		19.2	66.9		21.1	15.1	20.1	22.3	26.2	27.5	26.3	20.4	10.3	15.9	17.8

RCP4.5

Day with Daily Precip (mm) ...

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Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CMS historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-g2 historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A historical rcp45 (kg m-2 d-1)	pr MIROC historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ME historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)
2011	117	117.3	97	146	122	115	111	107	101	146	101	111	112	124	111	123	122	118	131	97	110	134	128	113	118	113	128	118
2012	117	117.1	93	149	98	116	114	115	137	127	119	130	93	117	107	129	121	105	149	110	94	118	99	117	115	137	146	97
2013	118	116.3	93	165	107	115	124	109	120	129	123	93	119	133	124	121	99	108	97	165	125	112	117	121	106	96	95	133
2014	112	114.0	101	137	113	109	114	109	132	119	120	116	125	106	114	105	108	110	101	112	114	111	137	108	128	109	106	109
2015	116	112.5	93	131	126	118	103	118	116	123	109	117	117	114	107	97	116	96	118	103	98	125	120	131	93	120	98	116
2016	118	116.7	101	136	132	115	136	106	105	121	120	125	127	114	107	126	101	122	105	128	110	106	111	105	119	122	121	116
2017	113	113.6	84	133	123	112	110	100	127	111	122	111	84	102	115	126	113	121	98	108	124	109	125	133	102	128	108	114
2018	114	113.5	94	133	106	121	94	127	116	122	97	123	111	109	104	124	102	110	127	111	100	117	96	124	98	120	133	131
2019	109	109.4	94	123	110	105	111	119	102	103	114	114	108	109	97	123	122	109	109	110	94	104	108	117	108	111	104	114
2020	120	119.3	94	145	130	97	110	134	135	98	145	109	127	131	103	94	100	121	114	113	128	117	119	145	114	124	128	127
2021	117	115.0	90	136	119	97	135	136	134	104	115	122	117	118	107	90	127	110	100	114	120	100	117	130	93	121	113	
2022	114	114.8	94	131	96	117	107	107	131	127	108	112	123	115	113	130	122	113	130	119	125	104	110	115	120	111	94	107
2023	118	118.5	97	140	97	106	118	114	119	117	104	125	112	130	133	131	134	118	135	113	120	111	118	118	115	140	107	108
2024	114	114.9	95	131	130	115	127	101	131	124	104	122	122	100	105	129	112	111	130	109	118	95	102	124	111	117	111	108
2025	116	116.8	92	154	113	120	100	109	133	154	111	107	95	129	115	120	110	128	116	92	119	125	113	129	111	120	114	119
2026	110	109.8	85	121	109	108	109	119	114	106	120	85	107	114	112	99	114	108	118	94	107	121	115	108	109	111	114	115
2027	115	115.6	98	144	144	113	109	127	112	118	113	98	101	110	122	117	114	102	125	110	131	115	115	119	129	99	127	104
2028	117	116.8	90	142	107	106	130	104	129	95	130	124	124	109	90	135	108	135	142	90	112	123	117	114	118	120	116	
2029	119	118.4	95	142	136	111	112	106	129	128	120	130	134	104	98	123	142	129	101	116	114	106	118	109	137	124	142	142
2030	119	117.4	90	149	121	116	93	123	113	141	125	113	114	100	123	119	127	119	98	126	90	110	149	110	135	113	103	103
2031	116	115.6	89	142	142	109	96	119	95	133	94	130	115	102	136	111	133	108	126	118	112	105	117	89	126	129	116	
2032	112	116.4	102	148	116	110	112	122	103	108	109	117	131	111	108	117	103	138	102	103	127							



2051	9	8.2	2	13	11	8	3	12	10	12	10	9	7	11	10	13	2	5	4	9	10	7	7	11	8	6	7	5	
2052	8	7.8	2	14	6	9	6	4	10	10	10	13	2	10	7	14	4	8	6	6	13	5	8	9	6	9	6	6	
2053	7	7.1	1	15	10	8	1	8	11	7	10	6	3	9	7	7	6	5	3	11	10	4	6	7	4	11	15	2	
2054	8	8.5	3	17	8	12	9	9	17	10	5	9	7	6	6	6	13	4	7	13	15	5	6	5	5	16	9	3	
2055	7	7.2	3	14	6	14	4	6	10	3	11	12	7	9	4	5	8	6	9	5	7	5	8	7	5	10	6	5	
2056	6	7.1	2	13	6	5	7	10	2	6	6	4	5	5	6	10	10	5	6	12	13	8	12	8	10	2	9	4	
2057	8	7.3	1	16	2	11	8	8	6	16	3	9	4	9	1	14	8	9	6	9	8	10	1	5	6	6	6	9	
2058	7	7.3	4	14	5	5	9	10	5	4	8	4	7	8	5	10	7	10	8	13	7	8	5	14	7	5	7	5	
2059	7	6.8	2	12	7	5	10	3	6	10	8	8	5	12	9	5	10	9	8	7	3	5	9	6	6	2	6	4	
2060	7	7.2	2	14	10	5	7	7	6	6	2	8	12	6	2	7	10	8	4	8	4	9	12	12	4	5	14	5	
2061	8	7.1	2	12	4	12	6	9	3	6	7	6	5	9	10	10	10	3	10	11	9	3	5	9	2	2	10	9	
2062	9	8.4	3	15	5	15	10	13	10	9	5	7	5	7	3	18	10	7	4	11	5	9	9	13	11	9	12	5	
2063	8	7.9	2	19	4	10	4	7	6	9	5	7	7	2	9	19	12	5	3	16	3	11	4	9	8	8	5	11	10
2064	7	7.5	2	13	5	2	12	6	13	6	13	6	5	7	3	6	5	8	7	6	11	7	10	13	8	12	3	6	
2065	8	8.0	3	12	6	12	12	3	10	7	4	4	10	9	7	7	9	11	11	9	4	8	11	10	8	6	6	6	
2066	7	7.1	2	16	4	16	4	11	5	5	5	7	7	5	2	7	12	5	10	9	6	7	8	7	8	9	3	3	
2067	7	6.9	1	12	7	6	11	1	7	10	4	3	4	5	5	6	9	11	3	7	9	5	7	12	2	12	8	11	
2068	7	7.4	3	14	8	7	7	8	10	7	6	9	3	9	3	4	14	11	3	6	6	8	14	6	14	3	4	8	
2069	8	7.7	1	15	11	9	5	5	8	1	15	12	6	12	3	13	5	3	13	9	5	8	9	5	6	6	7	8	
2070	8	8.0	1	14	7	10	11	5	5	7	8	7	2	9	9	9	7	6	1	14	10	6	10	8	11	11	10	8	
2071	8	8.9	3	18	9	14	6	7	12	6	14	5	7	9	5	8	9	3	18	6	8	6	8	13	14	10	10	6	
2072	9	8.0	4	15	13	8	9	9	10	5	4	7	4	4	11	15	9	12	10	7	6	9	9	6	5	5	10	6	
2073	8	8.4	3	16	16	11	7	9	12	6	6	8	8	4	3	8	16	3	15	4	9	9	15	5	6	7	8	7	
2074	9	8.7	2	15	4	11	9	13	9	9	9	12	2	4	5	9	12	4	9	9	14	12	15	12	4	9	7	5	
2075	7	8.0	4	13	7	7	5	8	6	6	8	11	4	5	7	11	7	10	9	8	7	13	8	7	13	7	7	10	
2076	7	7.8	2	14	7	12	7	7	8	14	11	5	9	7	3	7	11	2	8	9	7	6	5	13	4	4	12	8	
2077	8	7.8	1	16	6	8	13	5	4	2	8	9	8	14	10	9	16	6	7	4	9	5	8	1	11	11	7	6	
2078	7	7.4	0	17	5	9	15	10	10	4	4	17	15	4	7	5	4	7	7	5	8	4	9	6	0	7	8	8	
2079	8	8.2	2	16	8	16	12	7	6	9	9	9	2	6	5	7	16	5	9	12	9	5	3	14	7	5	10	5	
2080	8	8.4	2	17	15	17	7	10	15	3	8	5	2	13	10	7	9	7	11	11	10	10	7	7	4	3	5	5	
2081	8	7.9	2	14	9	7	13	8	2	11	14	5	7	11	3	9	8	4	11	6	11	6	9	8	12	6	5	5	
2082	9	8.7	4	14	7	12	5	9	4	8	11	12	14	6	5	7	9	8	14	10	6	12	7	10	9	5	13	3	
2083	8	7.5	2	13	3	8	3	4	7	12	13	6	12	4	10	6	8	2	3	4	9	13	8	9	3	12	9	11	
2084	7	8.0	2	16	11	11	11	5	2	5	7	11	6	7	6	7	16	3	6	4	6	8	7	14	15	10	5	8	
2085	8	8.3	4	18	18	16	6	5	10	5	5	8	7	5	9	7	7	13	8	6	5	4	11	12	5	8	8	10	
2086	8	8.1	2	16	5	15	10	11	8	12	6	9	5	16	6	5	8	6	2	9	8	8	10	4	7	10	8	7	
2087	8	7.5	2	12	9	8	6	11	9	4	5	10	9	11	6	5	8	6	9	11	4	9	6	12	2	12	5	4	
2088	6	6.3	2	13	13	4	11	6	10	10	6	6	4	10	5	4	6	3	7	2	5	5	6	11	4	6	4	4	
2089	8	7.8	1	14	10	5	11	5	7	4	12	10	3	14	10	1	7	7	12	13	11	2	4	12	5	8	8	6	
2090	9	8.7	2	15	11	7	7	2	6	11	9	14	6	9	10	9	15	14	8	12	4	6	5	10	7	4	10	8	
2091	9	8.1	1	13	9	6	10	7	8	9	7	7	8	9	10	3	10	8	13	9	9	10	11	9	2	1	7	13	
2092	9	8.4	3	17	6	7	5	17	6	11	7	6	10	6	8	9	9	7	8	10	11	9	11	9	3	8	9	9	
2093	8	8.0	3	14	11	11	3	7	6	8	14	6	6	9	10	8	9	6	9	7	10	6	3	11	7	10	6	9	
2094	8	8.0	2	18	10	9	8	8	8	7	10	4	2	12	8	7	8	5	7	8	5	18	5	18	3	8	9	5	
2095	6	6.8	3	12	6	11	4	9	6	5	3	10	8	6	10	3	8	5	11	7	6	12	6	5	5	9	5	4	
2096	6	6.4	3	11	6	10	3	11	4	10	8	7	4	6	5	6	5	6	7	3	4	10	5	8	8	7	4	7	
2097	8	8.1	1	15	4	10	10	14	8	6	5	8	9	1	6	8	7	8	15	7	7	8	6	15	2	12	11	8	
2098	7	8.0	5	12	6	7	9	7	9	5	9	7	7	11	9	5	10	6	9	7	12	7	12	9	7	9	6	6	
2099	8	7.8	3	16	6	9	5	8	8	9	15	3	6	6	10	6	7	16	10	5	5	9	3	10	11	6	7	9	4
2100	8	8.3	1	14	3	12	14	7	4	4		11	12	12	11	4	9	7	8	10	13	12	8	6	7	1	9	7	

RCP4.5

Day with Daily Precip (mm) ...

Year	Median	Mean	Min	Max	>25																								
					std	std	std	greg	greg	3604	3604	3654	3654	3654	3654	3654	3654	3654	3654	3654	3654	3654	3654	3654	3654				
2011	0	0.5	0	2	0	2	0	1	0	1	1	0	2	1	0	0	0	0	1	0	0	0	0	0	0	1	1		
2012	1	0.7	0	3	0	1	1	0	1	0	1	1	1	1	0	0	0	0	0	3	0	1	2	0	1	0	1	0	
2013	0	0.4	0	3	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	1	0	1	1	0	0	
2014	0	0.6	0	3	0	2	1	2	1	1	0	0	3	0	2	0	1	0	0	0	0	0	1	0	0	0	1	0	
2015	1	0.7	0	3	1	1	0	0	1	0	3	0	0	2	1	1	0	0	0	0	1	1	1	1	1	1	0	2	0
2016	0	0.7	0	3	0	1	1	0	1	0	1	0	0	1	0	0	3	0	0	0	1	0	3	1	0	0	2	1	0
2017	0	0.5	0	2	0	1	1	0	2	0	0	1	0	1	0	0	1	0	1	1	0	1	0	0	0	1	0	1	0
2018	0	0.4	0	2	0	0	0	2	1	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	1	0	1
2019	0	0.3	0	2	0	0	1	1	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
2020	0	0.6	0	3	1	1	1	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
2021	0	0.5	0	1	0	0	0	1	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1
2022	0	0.5	0	4	1	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	4
2023	1	0.7	0	4	1	0	0	1	2	0	0	1	0	1</															

2038	1	1.0	0	4	1	1	0	1	1	0	4	1	1	2	3	2	0	1	0	2	2	1	0	0	0	2	0	0
2039	0	0.6	0	3	2	1	0	1	0	1	0	0	0	0	1	1	2	0	0	1	0	1	0	0	3	0	1	0
2040	0	0.7	0	2	2	0	0	1	2	0	0	0	0	1	1	0	2	0	1	0	2	0	1	0	0	2	0	0
2041	0	0.6	0	2	1	1	0	0	0	0	1	2	2	0	2	0	0	0	0	0	0	0	1	2	0	0	0	2
2042	1	0.9	0	3	0	1	0	2	0	0	2	1	1	1	0	0	0	1	0	2	3	1	2	0	1	1	2	0
2043	1	0.8	0	3	0	0	0	1	0	2	0	2	1	3	2	1	2	1	0	1	0	1	0	1	1	0	0	0
2044	0	0.5	0	2	0	1	1	1	0	0	0	2	1	0	2	0	0	0	0	1	0	1	0	1	0	0	2	0
2045	0	0.6	0	3	2	3	0	1	0	1	1	1	0	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0
2046	0	0.5	0	2	0	0	0	1	1	1	0	1	0	2	2	0	0	0	1	0	1	0	0	0	0	1	0	1
2047	0	0.3	0	3	3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2048	1	0.7	0	2	1	0	0	2	1	0	0	2	0	0	1	1	1	0	1	1	1	1	1	0	0	1	0	1
2049	0	0.6	0	3	0	1	1	1	0	0	3	2	0	0	1	0	1	0	1	1	1	0	0	0	0	3	0	0
2050	0	0.7	0	3	1	3	0	0	0	0	2	0	0	1	2	0	0	3	0	1	0	1	2	0	0	1	0	0
2051	1	0.7	0	2	0	2	0	2	2	0	1	1	1	1	0	0	0	2	0	0	1	1	2	0	1	0	0	0
2052	1	0.8	0	4	1	2	0	0	1	0	4	1	1	0	1	0	2	0	0	2	0	0	0	0	1	1	1	1
2053	0	0.4	0	3	0	0	0	1	3	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	1	0
2054	0	0.7	0	3	0	1	2	1	2	1	2	1	2	1	0	0	0	1	0	0	1	3	0	0	0	0	1	0
2055	0	0.3	0	2	0	1	0	1	1	2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
2056	0	0.5	0	3	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0	1	2	0	3	2	1	0	0
2057	0	0.5	0	2	0	1	0	2	1	1	0	1	1	1	0	0	0	0	0	2	1	0	0	0	1	0	0	0
2058	0	0.5	0	2	0	0	0	1	0	1	0	2	0	0	2	1	0	0	1	1	1	0	1	0	2	0	0	0
2059	0	0.4	0	2	0	1	1	0	0	0	1	0	2	1	0	0	1	0	0	1	1	0	0	0	1	0	0	0
2060	0	0.7	0	3	2	0	0	1	2	1	1	0	1	0	1	2	1	0	0	0	0	0	3	0	0	1	0	0
2061	0	0.5	0	3	0	1	0	2	0	0	0	1	0	0	1	2	0	1	3	0	0	0	0	1	0	0	0	0
2062	1	0.5	0	2	0	1	1	0	1	1	0	1	0	1	1	0	0	1	0	0	1	0	0	1	1	0	2	0
2063	1	0.8	0	4	0	1	3	0	1	1	0	0	1	4	1	0	0	1	0	1	0	3	2	0	1	0	1	0
2064	0	0.7	0	3	0	0	2	0	3	1	1	0	0	0	1	0	1	0	1	0	0	0	2	0	3	0	1	1
2065	0	0.4	0	2	1	1	0	0	1	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0	0	1	0	1
2066	0	0.8	0	3	2	1	0	3	0	0	0	1	2	0	3	1	1	0	0	2	2	0	0	0	2	0	0	0
2067	0	0.4	0	2	0	0	1	0	0	2	0	0	0	1	1	0	0	1	0	0	1	0	0	2	0	0	0	0
2068	1	1.0	0	4	2	0	0	0	1	1	0	2	1	0	1	1	2	0	0	3	0	3	1	0	1	0	4	1
2069	1	0.7	0	2	2	0	0	2	0	1	1	0	2	0	1	1	0	0	2	0	0	1	0	0	2	1	1	1
2070	1	0.6	0	2	2	1	0	1	0	0	1	0	0	1	1	1	0	0	1	0	0	1	0	0	2	0	2	1
2071	1	1.0	0	4	1	0	0	3	4	0	2	0	0	0	0	2	0	1	0	2	0	1	2	3	0	1	1	1
2072	1	0.7	0	2	1	1	0	0	0	0	0	1	0	1	2	2	2	0	1	1	0	1	1	0	0	1	1	1
2073	1	0.7	0	2	1	2	1	0	0	1	2	1	0	0	0	1	1	0	0	1	0	2	1	0	0	1	1	1
2074	1	0.8	0	3	0	0	0	0	2	3	1	1	0	1	0	0	2	0	0	0	1	1	2	1	2	0	1	0
2075	1	1.0	0	3	0	1	0	1	0	1	0	3	1	0	1	0	1	1	1	2	0	0	1	0	3	3	2	1
2076	0	0.5	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	2	0	1	1	1
2077	1	0.8	0	4	1	1	4	1	1	1	0	1	3	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0
2078	0	0.6	0	3	1	0	3	2	1	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
2079	1	1.0	0	3	1	2	2	0	1	2	0	1	0	0	1	0	0	3	2	2	1	0	0	2	0	1	1	1
2080	1	0.8	0	2	2	2	1	1	1	2	0	0	1	1	2	0	1	0	0	2	1	1	1	0	0	0	0	0
2081	0	0.8	0	4	1	1	0	2	0	1	4	1	2	0	0	2	0	0	0	0	0	0	0	3	0	1	0	0
2082	0	0.5	0	2	0	2	0	1	0	0	0	1	0	0	1	0	0	0	1	1	1	1	0	0	2	0	0	2
2083	0	0.5	0	3	1	1	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	2	1	0	0	0	2
2084	0	0.6	0	5	0	1	1	0	0	0	0	0	0	0	1	0	5	0	0	0	1	1	1	1	2	0	0	0
2085	0	0.5	0	3	1	3	1	0	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	0	0
2086	0	0.5	0	2	0	1	0	1	1	0	0	0	0	1	0	0	1	0	0	1	1	1	2	0	2	0	0	1
2087	0	0.3	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0
2088	0	0.3	0	2	1	0	0	2	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0
2089	1	0.7	0	2	2	0	1	1	2	0	1	1	0	0	1	0	0	1	1	1	2	0	0	0	1	1	1	0
2090	1	1.0	0	3	2	1	0	0	2	1	1	0	3	3	0	0	1	1	2	1	2	1	1	0	1	1	0	0
2091	0	0.5	0	2	2	0	1	1	0	0	0	0	0	1	0	1	1	1	2	0	0	0	1	0	0	1	1	1
2092	0	0.8	0	3	0	2	0	2	0	1	0	0	0	0	2	0	0	1	3	1	0	0	2	2	0	1	1	1
2093	0	0.8	0	3	3	0	0	0	1	2	0	1	0	0	3	1	2	0	0	2	0	0	1	0	0	2	0	0
2094	1	0.9	0	5	0	1	1	3	3	1	0	0	0	1	0	0	1	1	1	0	5	1	2	0	0	0	0	0
2095	0	0.5	0	2	0	1	0	0	1	1	0	0	1	0	0	0	2	2	0	0	0	0	0	0	1	1	1	1
2096	0	0.3	0	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0
2097	1	0.8	0	5	1	0	2	1	1	1	0	1	1	0	1	0	1	5	0	0	0	0	1	0	0	1	1	1
2098	1	0.8	0	3	3	0	0	1	1	0	1	1	1	2	0	1	0	0	0	1	0	1	2	0	1	2	0	0
2099	0	0.5	0	2	0	1	0	0	0	2	1	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	2	0
2100	0	0.6	0	2	1	0	2	0	0	1	2	0	0	1	0	2	0	0	0	0	0	2	1	1	0	0	0	0





2090	494.0	502.6	280.3	674.1	547.5	466.2	559.1	429.3	463.1	475.6	344.0	502.2	674.1	448.5	561.5	534.1	607.0	427.8	534.9	491.6	651.1	492.2	491.8	280.3	482.0	556.3	495.7	546.5
2091	499.9	497.5	335.4	692.0	603.7	488.0	506.9	688.4	559.5	335.4	394.6	444.1	440.0	582.2	527.4	392.8	493.0	540.9	692.0	426.2	474.7	542.3	507.5	353.9	543.4	488.4	357.7	557.3
2092	552.6	555.2	457.3	685.2	685.2	549.3	632.4	512.7	642.5	478.5	485.6	457.3	579.3	553.4	597.0	506.3	490.3	555.8	560.3	551.7	537.8	499.9	581.3	551.7	628.4	582.0	498.3	608.8
2093	498.2	510.6	370.3	734.8	734.8	401.3	699.5	511.8	419.4	414.1	483.5	567.7	503.1	392.8	480.4	522.7	493.3	432.4	461.2	462.3	518.2	545.9	540.2	680.6	564.8	624.5	370.3	429.8
2094	506.5	518.6	335.1	660.3	552.0	463.2	523.2	471.8	563.8	536.4	440.2	507.9	644.6	496.8	505.2	451.4	483.3	561.5	643.3	463.7	555.3	559.5	660.3	478.8	502.3	585.5	335.1	460.8
2095	523.1	522.3	345.8	687.0	553.6	687.0	555.8	345.8	687.0	625.2	417.6	531.3	365.7	491.8	540.0	586.0	625.1	518.4	521.0	464.0	430.2	523.8	630.9	472.6	674.5	471.7	522.5	451.2
2096	496.9	526.2	395.1	680.0	557.1	655.8	464.1	680.0	497.2	424.0	581.2	445.5	603.9	496.7	450.2	452.4	475.9	512.7	395.1	437.7	534.9	482.3	630.7	609.9	630.9	476.2	440.0	599.0
2097	531.6	523.1	328.4	724.7	518.6	509.3	724.7	543.1	538.8	625.6	416.4	328.4	630.3	366.7	437.8	376.8	548.3	524.3	522.8	544.3	471.0	506.7	593.7	576.9	572.9	490.5	601.6	584.2
2098	545.9	544.1	410.2	850.4	551.4	436.4	540.5	702.1	410.2	576.2	413.6	475.0	558.1	485.1	458.8	481.6	602.2	551.2	521.2	597.0	563.7	565.9	850.4	631.2	522.5	581.7	531.3	451.1
2099	502.8	523.0	361.4	732.9	488.0	461.6	612.0	635.8	589.0	642.0	491.1	501.6	416.4	421.8	493.2	518.4	424.0	374.2	480.2	504.0	609.3	562.3	600.5	614.9	732.9	568.0	448.3	361.4
2100	507.4	536.0	399.5	692.3	639.3	455.0	623.0	660.4	622.2	689.8	501.8		505.1	594.8	419.1	503.1	487.1	548.7	399.5	507.4	491.9	515.9	692.3	440.4	516.2	498.0	427.7	588.4

RCP8.5

Max Daily Precip (mm)

Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp85 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp85 (kg m-2 d-1)	pr CNRM-CMS historical rcp85 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp85 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp85 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp85 (kg m-2 d-1)	pr HadGEM2-ES historical rcp85 (kg m-2 d-1)	pr HadGEM2-AO historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp85 (kg m-2 d-1)	pr FGOALS-g2 historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp85 (kg m-2 d-1)	pr GFDL-CM3 historical rcp85 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp85 (kg m-2 d-1)	pr CanESM2 historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp85 (kg m-2 d-1)	pr MIROC5 historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp85 (kg m-2 d-1)	pr NorESM1-M historical rcp85 (kg m-2 d-1)	pr BNU-ESM historical rcp85 (kg m-2 d-1)	pr NorESM1-ME historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp85 (kg m-2 d-1)	pr CCSM4 historical rcp85 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp85 (kg m-2 d-1)	
2011	21.3	23.3	13.1	45.9	26.0	22.8	17.8	25.2	17.7	13.6	24.2	45.9	39.8	18.0	17.3	22.3	18.9	20.3	19.9	18.9	13.1	23.1	32.2	15.1	24.1	26.6	38.1	18.6	
2012	17.9	21.9	12.5	38.6	17.4	16.8	17.6	14.0	33.2	31.8	30.7	29.1	14.0	26.4	31.5	27.0	15.1	30.6	15.0	13.5	23.0	16.3	12.5	15.5	20.6	38.6	18.1	16.4	
2013	25.3	27.3	13.0	62.0	29.3	23.4	23.9	15.2	36.5	18.4	26.7	20.3	32.2	26.6	28.3	13.0	20.3	17.5	14.2	23.3	35.1	13.5	52.6	29.8	29.1	62.0	47.4	17.6	
2014	24.8	27.7	13.3	56.1	16.4	14.9	31.0	20.3	20.2	18.8	24.0	40.7	41.5	22.9	13.3	25.6	51.0	31.8	28.5	19.1	40.6	37.7	26.3	31.3	13.6	20.4	18.2	56.1	
2015	22.9	25.3	12.9	59.5	12.9	35.5	23.9	15.7	19.1	20.3	20.3	23.4	22.3	23.4	22.9	19.4	19.5	22.9	47.2	19.7	23.5	33.1	21.6	16.0	26.6	33.5	22.9	20.3	14.1
2016	23.8	26.4	15.6	55.7	30.4	25.4	24.2	16.2	19.6	16.6	55.7	42.6	15.6	19.8	35.5	39.3	23.8	39.0	23.8	19.5	16.7	37.6	18.2	17.0	30.7	24.9	18.2	23.8	
2017	24.2	25.7	11.2	67.0	32.0	27.3	18.3	15.1	28.9	24.4	21.9	21.6	32.6	15.7	47.9	13.3	14.5	11.2	67.0	32.7	25.0	19.8	29.5	25.8	24.1	29.7	19.5	15.2	
2018	19.8	21.7	13.3	37.9	19.2	17.2	22.7	15.1	25.2	16.6	16.0	18.3	15.9	25.0	34.9	22.3	15.1	25.6	17.3	18.8	32.9	20.5	22.7	27.1	13.3	24.9	37.9	15.7	
2019	19.9	21.6	14.1	38.3	19.8	16.2	18.9	14.1	15.9	20.5	39.3	31.3	21.7	23.8	34.5	17.6	14.2	26.6	19.1	19.9	14.6	16.1	23.0	21.9	16.1	33.2	32.3	18.3	
2020	24.8	25.1	11.8	47.6	11.8	20.3	14.4	27.4	19.4	31.9	22.7	25.1	39.0	24.5	20.7	30.8	30.9	13.3	18.9	27.0	19.9	30.7	32.8	16.4	30.6	47.6	19.3		
2021	22.4	23.0	14.2	39.5	22.6	22.4	14.8	14.2	29.1	34.1	22.3	15.8	28.1	39.5	20.3	25.7	14.4	17.1	18.2	19.9	28.5	25.9	25.8	26.9	22.3	30.9	18.5	15.5	
2022	20.4	23.3	10.6	41.5	13.0	18.9	14.7	28.7	31.0	15.4	19.0	40.4	19.8	31.9	18.1	19.8	28.7	22.2	23.2	13.4	20.0	10.6	29.7	20.8	24.6	27.5	33.0	41.5	
2023	24.3	25.6	16.4	45.0	41.0	28.5	27.7	19.4	21.7	24.3	24.3	30.7	27.2	34.8	18.3	21.8	19.2	27.9	25.4	17.9	18.8	16.4	36.7	31.1	45.0	20.4	18.1	17.5	
2024	20.0	21.5	11.4	39.6	17.9	20.9	21.2	19.1	38.1	12.1	14.9	39.6	12.2	18.2	21.2	18.0	23.4	34.8	15.9	22.2	18.5	29.1	24.6	30.7	11.4	21.1	16.5	15.6	
2025	23.3	24.2	14.5	55.9	23.8	19.3	27.7	29.5	20.6	23.8	32.4	24.8	55.9	25.7	20.1	15.7	26.3	14.5	15.6	14.5	22.8	15.5	31.5	18.9	31.4	21.9	26.7	22.4	
2026	23.8	25.6	14.6	63.3	17.6	24.1	27.2	23.9	25.4	21.9	18.8	30.8	17.1	18.1	56.6	17.5	26.5	15.4	23.8	24.5	63.3	23.8	36.9	27.3	14.6	22.3	18.6	19.5	
2027	24.0	27.3	14.1	64.7	24.7	23.3	37.9	15.9	22.1	34.1	62.5	16.9	22.4	33.0	35.2	27.5	17.8	16.0	14.9	18.2	26.3	14.1	29.6	22.0	30.3	25.8	20.6	64.7	
2028	20.3	21.4	12.9	35.8	23.3	20.6	35.8	18.8	26.9	16.2	24.2	25.3	16.6	31.8	19.7	22.2	14.5	28.0	25.9	21.1	18.1	15.1	12.9	17.9	17.2	24.1	18.2	19.9	
2029	26.7	28.8	14.5	57.2	43.9	49.7	30.0	31.0	27.5	29.4	40.1	26.7	18.4	26.7	23.1	17.2	52.5	16.9	15.9	19.0	57.2	21.9	21.4	28.3	14.5	29.8	21.9	38.8	
2030	27.1	27.4	16.1	49.8	16.1	18.2	37.0	25.9	28.1	17.6	30.2	38.9	20.7	24.3	27.4	26.7	30.6	22.9	19.9	31.2	30.9	30.6	16.6	26.7	49.8	33.8	25.4	25.4	
2031	26.5	28.4	10.5	65.6	31.1	10.5	21.3	29.9	17.0	29.9	29.6	23.4	16.6	18.0	13.3	30.2	24.8	23.3	45.0	19.8	50.7	36.5	19.9	21.6	28.2	29.0	46.7	65.6	
2032	21.8	23.5	9.5	42.5	41.0	27.7	17.6	28.9	23.2	22.5	25.1	20.4	19.7	20.7	28.7	9.5	13.9	20.3	25.1	21.2	25.0	20.9	25.7	21.1	11.9	42.5	19.9	42.5	
2033	23.9	25.0	9.4	51.4	20.7	29.1	16.3	25.1	36.6	29.4	24.7	16.8	28.4	19.2	33.6	17.9	9.4	51.4	37.4	17.7	20.3	25.5	20.9	27.6	31.6	23.0	19.1	17.3	
2034	25.7	26.5	12.3	63.7	18.0	63.7	18.0	27.4	29.2	23.1	16.9	19.1	16.8	27.0	12.3	28.9	30.0	25.9	19.9	24.1	18.6	34.1	21.4	49.5	29.8	25.5	25.5	25.5	
2035	24.0	24.9	11.6	47.2	17.2	45.5	20.7	21.5	24.2	47.2	16.7	25.4	13.8	39.5	21.9	39.7	11.6	24.0	12.8	18.8	30.7	24.2	29.7	24.3	24.0	25.7	15.1	23.8	
2036	24.8	27.1	11.5	63.1	15.0	63.1	15.0	19.5	26.5	63.1	31.8	24.0	23.4	33.0	20.8	11.5	31.2	17.4	12.3	55.9	38.6	38.2	12.9	25.6	28.2	22.4	27.5	17.8	
2037	23.8	26.0	15.0	56.9	30.7	26.6	15.2	16.6	17.7	39.5	18.7	25.1	36.2	48.7	18.7	19.8	24.7	15.7	16.7	17.9	36.5	27.6	25.8	15.0	56.9	29.2	22.4	22.9	
2038	23.7	25.6	13.0	52.2	35.4	18.3	34.2	13.0	20.2	32.8	24.1	40.1	17.6	52.2	37.4	21.2	23.7	31.2	17.7	19.8	29.2	13.0	23.0	25.0	25.3	19.0	18.2	23.6	
2039	22.5	23.9	14.0	42.9	22.1	18.2	31.4	19.6	27.8	25.2	17.3	20.1	34.6	42.9	21.5	23.9	25.7	14.0	20.7	16.8	22.9	16.1	18.0	24.4	28.9	18.3	24.0	40.3	
2040	23.0	26.9	10.9	93.7	13.0	27.7	42.1	22.9	29.6	25.8	16.6	39.7	23.8	38.2	22.8	18.2	24.8	22.9	18.4	20.7	18.2	10.9	24.9	33.0	17.1	30.0	18.9	19.7	
2041	25.7	27.7	12.7	65.8	26.2	15.7	35.9	24.1	22.4	24.2	24.2	26.8	34.0	42.8	31.3	39.6	18.3	30.1	65.8	22.7	25.1	36.5	13.4	31.9	19.8	28.0	42.6	19.7	
2042	25.0	27.1	15.6	63.5	18.3	31.6	19.9																						

2077	25.4	26.4	13.5	50.7	42.9	24.7	18.8	33.4	50.7	13.5	25.8	24.7	15.8	27.6	17.8	16.3	15.8	22.8	15.0	34.1	26.4	43.7	32.5	24.9	26.0	31.0	18.9	30.5	
2078	24.3	26.0	13.5	47.7	20.4	22.0	42.8	23.1	34.2	32.6	34.5	33.7	24.7	24.1	24.2	23.6	16.2	24.3	26.0	27.6	13.7	20.8	47.7	27.7	13.5	33.7	15.0	17.5	
2079	24.6	28.3	13.5	59.4	16.3	59.4	25.2	23.6	44.0	19.2	30.6	25.6	13.5	46.3	23.1	19.5	24.0	17.7	56.2	32.0	16.2	30.5	32.8	20.0	16.9	19.6	30.0		
2080	24.5	29.5	12.6	93.6	33.2	19.4	43.7	30.0	16.4	27.6	24.8	31.3	12.6	93.6	20.2	23.4	19.8	16.1	16.2	38.9	57.5	20.5	33.5	23.2	16.3	28.8	24.2	36.3	
2081	23.9	24.8	12.7	51.6	51.6	34.8	34.9	20.4	33.2	18.8	25.7	23.8	25.6	18.4	14.3	12.7	50.8	14.5	22.0	25.2	13.9	25.0	25.7	25.2	24.0	19.6	21.1	13.4	
2082	25.0	29.0	14.8	61.1	32.8	61.1	53.7	36.3	35.6	21.6	21.7	29.9	18.5	27.8	20.6	21.6	17.8	21.5	31.2	24.9	20.0	59.5	18.6	34.5	25.1	22.3	25.5	14.8	
2083	24.4	27.1	11.2	48.6	23.4	23.0	24.2	22.6	26.5	27.5	25.8	48.4	27.7	44.0	48.6	11.2	24.5	27.2	19.8	19.6	23.4	17.1	27.8	18.8	45.7	24.3	14.1	34.5	
2084	24.7	28.2	16.1	56.3	36.6	19.9	34.0	28.1	30.6	31.6	21.6	21.8	34.2	54.9	19.5	19.9	19.1	25.5	24.0	36.5	56.3	16.1	22.5	20.8	27.9	30.8	23.5	20.4	
2085	23.3	26.1	15.1	55.2	31.1	18.0	55.2	17.3	15.1	52.9	25.8	22.9	25.9	43.4	25.4	23.4	19.7	19.0	15.4	40.6	29.0	19.1	25.4	18.2	23.2	24.6	18.1	18.8	
2086	26.4	29.6	16.3	58.9	29.6	20.6	42.1	21.9	17.4	37.1	18.6	20.6	34.9	49.5	58.9	21.0	43.3	40.3	26.3	16.3	21.5	17.9	31.2	20.0	40.5	25.1	26.6	28.2	
2087	25.4	24.2	14.9	34.3	27.5	33.5	31.4	28.3	21.7	15.2	26.9	32.6	19.0	29.9	29.3	16.1	15.4	19.3	22.3	14.9	30.3	29.2	17.3	34.3	15.6	29.4	29.4	29.4	
2088	27.3	30.7	15.2	72.5	72.5	33.9	21.8	22.7	35.3	37.8	17.3	31.9	27.8	69.2	18.1	23.4	34.4	24.7	26.7	19.5	29.1	15.2	34.2	16.4	17.3	49.6	32.4	25.5	
2089	24.4	27.2	12.3	78.8	16.2	14.0	22.6	25.0	25.1	17.1	12.3	20.4	27.4	33.6	18.1	31.0	36.7	35.5	36.2	78.8	31.4	23.9	20.3	30.9	22.1	41.7	18.3	23.5	
2090	24.7	25.4	14.5	46.4	27.6	14.9	36.2	18.1	46.4	27.4	14.5	25.2	27.2	18.8	24.1	23.0	37.1	16.3	20.5	25.9	33.6	17.2	21.5	15.0	24.5	26.6	22.8	34.2	
2091	22.1	24.0	14.4	49.0	49.0	22.5	19.7	28.5	19.3	23.7	25.0	23.0	15.7	27.0	24.2	20.2	19.7	40.2	21.6	37.2	17.8	20.2	14.7	19.5	33.5	20.0	14.4	29.3	
2092	21.9	28.3	15.8	100.0	63.0	63.0	21.8	100.0	17.7	31.5	15.8	25.7	19.8	16.9	22.0	26.2	51.4	17.1	20.5	21.9	19.6	18.8	18.4	33.2	23.3	26.1	23.2	18.9	25.5
2093	24.4	24.6	14.7	36.8	25.7	17.9	35.5	16.7	23.4	21.6	26.6	36.8	33.2	27.5	17.9	23.3	26.2	19.9	14.7	28.9	24.8	17.2	25.5	24.5	24.4	36.7	17.8	23.4	
2094	25.0	24.7	10.2	39.4	30.3	19.5	27.3	21.1	20.9	36.6	15.4	18.1	26.6	31.5	17.9	23.6	27.6	36.3	28.5	39.4	25.0	16.2	29.3	28.6	20.3	24.9	10.2	18.9	
2095	27.1	28.6	10.1	55.8	38.1	25.3	24.1	10.1	27.8	41.5	19.5	30.9	29.0	35.0	25.0	31.5	26.3	38.7	12.8	35.4	22.1	24.3	55.8	20.4	26.1	32.1	31.0	23.8	
2096	25.7	26.8	13.9	59.1	36.5	24.0	26.0	29.5	19.9	22.0	20.6	31.8	59.1	31.4	24.1	28.6	24.1	23.9	35.3	22.3	14.7	27.3	27.5	26.9	33.5	14.0	25.5	25.5	
2097	25.5	27.5	15.2	62.9	31.4	22.4	62.9	35.2	37.4	36.8	19.3	30.4	53.2	16.4	16.9	17.4	24.6	18.9	27.8	26.6	17.2	17.0	30.3	33.5	24.3	17.4	15.2	26.4	
2098	23.0	28.0	15.1	77.5	22.2	18.2	17.1	44.0	34.2	47.0	22.3	19.9	19.3	28.2	23.8	19.8	31.8	21.6	19.9	27.2	32.3	21.5	77.5	33.2	15.1	33.6	19.3	23.8	
2099	23.8	26.3	15.7	49.3	28.7	31.6	23.8	26.8	32.4	19.7	23.7	23.8	17.3	23.2	22.0	24.0	15.8	15.7	38.5	20.7	49.3	35.9	27.6	45.9	26.0	20.0	18.7	19.6	
2100	24.7	25.3	11.2	40.0	29.4	21.4	36.9	36.5	34.1	32.9	21.7	21.0	24.7	26.2	16.7	22.7	24.7	26.3	12.0	23.8	40.0	33.0	23.5	11.2	15.6	26.6	16.8	30.4	

RCP8.5

Day with Daily Precip (mm) ...

Year	Median	Mean	Min	Max	>1																							
					pr MIROC-ESM historical rcp85 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp85 (kg m-2 d-1)	pr CNRM-CMS historical rcp85 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp85 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp85 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp85 (kg m-2 d-1)	pr HadGEM2-ES historical rcp85 (kg m-2 d-1)	pr HadGEM2-AO historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp85 (kg m-2 d-1)	pr FGOALS-g2 historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp85 (kg m-2 d-1)	pr GFDL-CM3 historical rcp85 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp85 (kg m-2 d-1)	pr CanESM2 historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A historical rcp85 (kg m-2 d-1)	pr MIROC historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp85 (kg m-2 d-1)	pr NorESM1-MR historical rcp85 (kg m-2 d-1)	pr BNU-ESM historical rcp85 (kg m-2 d-1)	pr NorESM1-ME historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp85 (kg m-2 d-1)	pr CCSM historical rcp85 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp85 (kg m-2 d-1)
2011	114	114.5	90	155	105	122	119	90	131	97	107	104	118	127	124	119	102	112	108	109	155	100	96	116	128	110	127	122
2012	112	113.5	101	140	101	103	140	107	112	125	123	107	115	110	127	106	104	132	102	116	107	117	115	112	105	112	123	102
2013	117	115.1	86	135	110	124	135	123	129	100	115	119	110	118	131	120	101	107	117	126	116	106	110	86	127	101	121	110
2014	115	116.5	82	144	131	114	111	130	144	82	111	122	120	109	117	115	116	131	115	112	104	120	113	124	122	113	106	113
2015	112	111.9	83	140	114	103	112	92	115	83	110	111	140	119	115	123	97	113	104	111	120	133	105	118	111	108	122	107
2016	116	116.0	88	134	123	88	124	116	125	128	112	111	106	111	134	108	133	115	124	93	116	117	110	132	119	131	114	94
2017	117	116.8	79	146	130	79	113	127	116	112	103	91	115	97	126	108	110	97	126	146	118	120	144	118	144	122	110	130
2018	114	114.8	92	141	108	94	101	105	121	141	120	135	121	106	92	107	108	112	113	108	115	123	117	129	117	122	130	110
2019	113	114.6	90	142	130	102	123	107	127	121	107	110	142	105	116	90	121	121	136	110	95	131	98	96	110	101	135	117
2020	112	115.3	92	149	113	109	117	129	105	126	103	108	122	112	105	100	108	137	113	100	140	105	136	98	112	92	128	149
2021	119	116.5	90	138	124	107	110	121	108	116	125	120	118	121	131	124	113	90	105	98	126	138	124	90	118	116	123	131
2022	109	112.9	84	141	113	107	108	93	141	102	101	107	115	140	84	118	109	129	136	125	109	104	84	116	129	123	108	129
2023	114	113.2	93	137	117	118	137	104	116	117	100	121	110	101	120	122	107	104	126	133	112	104	115	101	125	109	93	105
2024	115	119.5	100	152	123	122	140	116	145	113	105	113	113	119	122	114	105	120	135	114	114	111	136	100	121	152	112	102
2025	115	114.4	84	137	122	130	119	93	137	119	113	107	115	108	115	112	96	126	113	131	120	84	100	123	130	115	103	114
2026	115	115.3	95	143	111	121	115	136	123	105	104	122	107	117	123	97	105	101	120	131	96	143	115	111	95	107	119	142
2027	115	114.8	95	137	108	117	137	95	115	115	134	102	99	119	127	132	102	110	103	99	126	122	104	112	127	115	132	102
2028	109	114.1	96	144	140	108	102	112	118	144	101	144	140	101	116	96	97	97	104	109	134	113	104	104	134	111	99	148
2029	114	114.7	90	142	113	90	121	112	123	114	99	94	134	99	141	93	113	118	142	108	134	126	119	114	111	116	104	111
2030	119	120.7	105	144	118	127	110	144	130	125	116	110	121	134	113	126	115	120	130	114	111	109	105	129	115	129	116	129
2031	123	121.0	87	159	122	87	126	138	115	137	105	133	124	99	121	131	116	95	126	128	137	104	159	124	118	119	127	
2032	118	116.4	91	144	128	102	91	133	121	144	125	106	119	98	110	103	111	104	117									

2064	121	121.5	98	156	126	118	128	120	126	129	102	122	156	98	145	121	110	129	104	110	127	132	101	116	138	120	120	117
2065	118	119.4	99	144	100	122	112	142	126	134	105	116	126	100	115	112	111	99	133	109	125	136	144	114	131	119	115	119
2066	117	115.8	78	142	110	138	138	121	116	129	111	104	126	81	123	128	114	117	130	78	99	120	112	99	142	105	124	114
2067	116	115.4	83	145	126	116	125	104	125	125	105	95	131	103	122	99	122	102	103	120	111	136	141	115	145	83	104	112
2068	125	124.0	99	165	109	134	138	143	103	113	107	113	131	116	135	116	116	129	127	129	114	128	139	125	165	99	123	124
2069	120	124.0	107	167	125	117	107	146	110	110	120	110	127	115	167	116	116	115	138	131	124	128	134	143	156	113	112	119
2070	125	123.5	96	152	128	107	126	152	118	110	135	108	133	115	137	124	115	125	133	123	124	135	137	137	139	106	121	96
2071	119	117.5	90	153	135	153	90	132	114	134	121	120	101	125	96	123	117	97	119	93	110	118	132	108	146	108	133	95
2072	118	119.2	99	158	130	101	133	106	136	104	128	124	121	101	119	99	117	109	115	110	129	116	158	117	127	133	119	108
2073	116	117.6	84	159	123	111	132	111	123	128	126	114	120	112	117	116	110	109	123	134	113	107	121	108	159	115	107	84
2074	122	123.5	100	151	130	134	147	122	130	117	121	119	138	124	117	114	122	107	144	132	100	151	122	113	115	110	113	121
2075	118	119.4	94	147	111	133	114	106	139	132	107	107	140	94	133	103	115	128	130	147	94	123	141	114	120	113	112	112
2076	121	120.6	98	140	133	107	129	121	113	136	102	140	112	136	121	117	114	128	133	120	128	128	98	135	115	114	107	107
2077	116	116.9	86	164	136	116	98	140	116	100	99	107	138	110	141	91	125	119	107	134	111	121	124	103	164	86	109	121
2078	119	120.3	88	167	117	88	116	111	167	122	115	104	134	121	138	117	127	113	150	113	126	122	137	121	109	107	91	120
2079	116	115.4	88	134	134	109	121	106	134	124	109	99	127	88	117	123	107	124	113	117	124	122	117	129	114	114	91	101
2080	120	119.8	82	144	136	112	144	125	97	136	111	110	116	124	108	124	115	120	82	125	122	118	136	122	117	119	138	117
2081	116	118.6	88	139	134	113	129	116	138	139	107	127	137	88	116	121	112	119	136	106	114	118	112	139	115	94	113	104
2082	118	119.5	94	165	142	114	130	135	132	109	110	94	121	106	118	117	104	165	117	124	103	131	127	118	130	101	115	104
2083	124	121.4	102	137	127	137	120	131	132	121	106	126	134	132	131	106	103	134	110	118	127	119	124	133	124	131	102	106
2084	120	121.8	97	146	121	118	114	124	119	125	103	118	129	117	109	107	117	140	109	131	126	116	137	130	146	144	126	97
2085	121	119.4	93	150	119	150	121	129	115	121	98	109	93	125	123	122	93	128	120	121	111	123	125	135	130	131	112	112
2086	120	118.7	87	148	138	121	140	125	112	125	94	100	87	115	130	110	128	115	148	100	120	123	127	107	137	111	116	119
2087	121	120.2	91	148	137	113	128	118	130	101	112	109	133	108	148	105	123	99	127	91	128	142	138	116	142	124	95	117
2088	120	121.6	100	148	148	142	118	128	102	140	120	108	123	100	145	113	119	125	112	104	116	134	128	126	127	115	108	117
2089	117	119.9	96	149	112	121	130	149	102	135	104	96	109	109	132	104	129	134	112	108	117	127	137	138	130	110	117	115
2090	120	117.9	87	153	120	119	121	113	98	109	91	112	137	106	153	127	128	113	136	96	134	124	117	87	128	124	124	113
2091	122	119.0	77	153	127	123	122	150	122	77	86	106	108	121	133	110	128	134	153	97	121	130	126	96	135	116	112	123
2092	125	124.9	107	142	134	121	117	120	142	122	117	128	125	107	136	122	128	132	127	120	125	130	125	126	134	115	124	120
2093	122	118.4	85	141	141	114	127	121	91	98	112	127	114	85	128	134	109	119	122	122	137	125	112	138	122	133	103	107
2094	123	121.9	95	134	117	122	123	134	130	123	116	127	131	108	129	116	121	125	130	100	122	132	134	133	132	119	95	107
2095	120	118.8	90	155	126	148	125	99	131	134	108	107	90	116	128	122	128	127	128	100	97	120	120	120	155	103	112	106
2096	121	121.8	94	147	133	140	112	137	118	114	136	110	119	94	114	123	109	127	112	104	131	129	147	143	123	110	122	115
2097	122	121.1	84	157	121	112	143	115	131	127	101	84	134	85	121	110	129	135	129	115	112	122	134	128	131	108	157	122
2098	127	123.2	90	153	133	118	129	141	107	109	97	115	133	97	118	126	130	128	113	125	137	128	153	143	136	123	128	90
2099	115	120.5	81	156	105	106	146	133	140	156	114	106	107	102	108	134	111	99	108	125	114	116	132	138	155	137	118	81
2100	120	124.3	105	164	130	119	144	141	135	142	127	115	113	113	132	132	108	138	109	120	111	129	164	123	119	105	105	118

**RCP8.5**

Day with Daily Precip (mm) ...

>10

Year	Median	Mean	Min	Max	pr MIROC-ESM historical rcp85 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp85 (kg m-2 d-1)	pr CNRM-CM5 historical rcp85 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp85 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp85 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp85 (kg m-2 d-1)	pr HadGEM2-ES historical rcp85 (kg m-2 d-1)	pr HadGEM2-AO historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp85 (kg m-2 d-1)	pr FGOALS-g2 historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp85 (kg m-2 d-1)	pr GFDL-CM3 historical rcp85 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp85 (kg m-2 d-1)	pr CanESM2 historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp85 (kg m-2 d-1)	pr MIROC5 historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp85 (kg m-2 d-1)	pr NorESM1-M historical rcp85 (kg m-2 d-1)	pr BNU-ESM historical rcp85 (kg m-2 d-1)	pr NorESM1-ME historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp85 (kg m-2 d-1)	pr CCSM4 historical rcp85 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp85 (kg m-2 d-1)	
2011	5	5.6	1	10	6	5	10	4	10	1	5	4	5	7	2	3	5	8	7	5	6	7	9	5	9	5	5	1	
2012	5	5.9	1	15	1	5	7	3	4	4	13	5	6	5	15	5	7	7	6	2	1	5	6	9	3	13	7	2	
2013	6	6.1	2	13	8	6	3	2	9	6	7	6	6	11	8	5	4	5	5	7	7	2	5	4	5	5	7	13	
2014	8	7.5	4	11	5	5	5	11	11	10	5	5	9	5	4	8	7	11	9	11	9	10	5	10	9	5	5	6	
2015	6	6.2	2	13	13	3	11	5	2	6	8	6	7	6	9	3	2	6	7	2	8	8	6	2	6	7	6	10	7
2016	7	6.7	1	12	7	1	5	6	9	12	7	5	2	12	5	6	8	7	8	8	7	5	9	6	7	6	4	8	
2017	7	7.2	2	14	9	7	8	5	14	7	3	5	8	6	9	4	3	3	14	10	9	8	12	5	5	12	2	5	
2018	7	6.2	1	13	2	4	4	3	9	11	4	4	3	9	5	8	5	7	7	4	8	9	7	13	1	7	7	7	
2019	6	6.5	2	11	6	2	6	5	10	10	11	9	9	7	6	4	6	4	8	5	3	6	7	3	7	3	11	7	
2020	7	6.5	3	13	4	6	3	9	4	5	6	7	6	10	8	5	9	3	8	8	4	7	13	4	7	4	8	8	
2021	6	6.1	2	11	2	8	4	7	6	6	9	7	8	9	7	8	9	7	11	2	3	7	4	4	6	5	5	10	6
2022	8	6.8	1	12	6	1	6	4	6	3	2	10	9	10	2	12	8	8	9	10	4	1	9	9	6	9	8	10	
2023	7	6.8	3	15	8	6	6	4	5	9	8	9	15	5	5	7	3	8	7	5	5	10	5	10	7	3	7	7	
2024	6	6.6	1	13	6	7	6	5	13	1	4	9	7	11	5	5	7	8	10	4	12	6	6	7	4	4	6	6	
2025	7	7.4	2	13	10	5	12	6	12																				

2051	7	7.0	2	12	12	5	7	9	7	10	7	10	9	8	6	4	2	7	7	7	9	2	7	7	10	5	6	4	
2052	8	7.9	4	16	6	4	14	5	9	7	8	11	8	7	6	7	4	11	5	6	9	10	10	8	9	16	5	4	
2053	9	7.8	1	15	9	7	9	13	8	9	1	5	10	9	2	4	10	6	5	9	15	7	8	9	4	14	9	6	
2054	8	8.3	4	13	12	5	9	7	9	13	7	10	11	8	8	4	8	6	5	10	8	6	8	11	12	6	8		
2055	7	7.4	3	14	7	5	6	9	6	14	7	7	11	7	11	7	12	7	5	6	9	3	5	5	9	3	8		
2056	9	8.8	2	17	17	5	4	9	8	2	5	10	14	8	15	6	11	3	5	9	9	8	10	14	14	6	5	15	
2057	8	8.5	4	20	20	7	7	12	5	4	8	6	14	6	9	8	5	7	5	10	8	14	11	4	8	11	7	8	
2058	8	8.0	1	13	4	13	10	12	10	8	9	5	7	9	8	6	8	7	11	7	7	10	9	8	7	4	1	13	
2059	10	9.2	2	19	6	9	7	15	12	7	10	11	11	16	8	6	5	3	15	11	6	3	10	11	10	19	2	8	
2060	7	7.0	1	14	14	5	10	11	6	5	1	5	7	3	12	4	10	5	5	8	10	7	5	3	9	10	7	6	
2061	9	8.7	3	15	14	4	10	5	13	12	7	11	12	6	6	8	7	10	15	6	10	14	7	4	9	3	9		
2062	8	7.8	2	13	10	8	12	10	9	9	8	8	7	9	2	3	5	13	7	8	4	13	11	5	4	5	8		
2063	8	7.3	2	14	7	10	2	14	6	10	4	9	5	5	8	4	8	6	10	8	6	10	4	4	7	10	10	8	
2064	9	8.8	4	15	6	9	5	11	10	14	12	6	15	4	5	10	9	6	9	8	4	7	11	7	13	8	13	7	
2065	8	7.5	2	13	6	7	8	7	9	9	8	5	12	6	7	8	3	5	8	4	10	12	8	8	2	9	13		
2066	8	8.1	3	13	6	7	9	12	7	8	11	5	7	4	12	10	12	5	11	10	3	7	9	4	13	8	5	9	
2067	7	7.0	2	12	2	7	10	5	8	7	5	5	8	7	5	4	9	6	6	10	11	12	6	6	6	7	7	8	
2068	9	9.6	5	19	8	13	12	12	6	8	7	10	9	13	15	8	7	13	6	9	10	5	10	9	19	6	5	10	
2069	9	9.3	3	17	13	3	9	9	10	6	16	6	13	9	17	13	11	10	10	4	6	10	9	9	13	7	5	5	
2070	8	9.1	3	17	15	6	5	12	10	7	16	8	17	8	7	9	8	14	3	4	8	6	10	13	17	4	8	4	
2071	9	8.4	2	14	13	12	2	7	11	11	12	6	12	3	5	9	9	2	7	9	6	12	14	3	10	9	13	5	
2072	9	8.5	4	15	15	6	9	9	11	9	15	13	5	4	6	6	7	4	5	12	9	9	11	10	6	11	6	6	
2073	8	8.3	5	17	11	5	12	5	10	8	11	6	10	9	10	6	5	6	5	9	6	6	15	8	17	7	7	6	
2074	8	8.5	0	20	7	9	10	7	9	9	9	8	15	8	7	4	6	10	8	10	5	20	7	0	8	12	9	8	
2075	7	7.4	1	13	11	11	11	5	13	12	8	6	13	1	12	5	8	4	4	8	5	7	9	3	5	7	4	5	
2076	7	7.9	2	16	13	6	16	9	10	9	7	12	9	3	6	3	7	3	7	12	12	10	6	6	8	2	6	7	
2077	6	6.9	1	13	13	5	3	9	11	4	6	9	9	9	8	5	6	5	1	9	6	6	5	10	10	5	5	5	
2078	8	8.9	2	19	10	2	9	8	16	9	6	2	15	7	17	7	9	5	7	19	7	10	7	3	14	6	12	7	
2079	7	8.1	3	13	9	13	11	6	11	13	5	4	11	6	9	6	7	13	3	7	7	4	10	12	6	4	4	13	
2080	7	8.1	3	14	12	5	11	10	6	3	7	8	5	14	9	7	7	4	6	12	13	6	14	4	7	9	7	8	
2081	9	7.6	1	16	13	7	9	11	9	9	9	6	10	10	6	2	7	1	11	6	3	8	16	10	4	4	9	2	
2082	8	8.9	4	18	16	4	9	18	16	7	8	7	8	6	5	7	4	13	9	9	6	13	11	7	4	12	7	7	
2083	9	8.6	1	17	14	8	9	15	13	6	5	9	9	12	6	1	2	17	11	5	9	2	10	9	10	9	5	11	
2084	9	9.2	3	18	7	5	9	12	9	7	13	10	4	14	5	3	15	6	7	9	13	9	18	8	13	13	6	5	
2085	8	8.4	3	15	9	3	10	8	7	6	8	7	8	12	11	6	11	8	5	6	11	6	15	10	9	14	7	5	
2086	8	7.3	3	11	8	8	8	8	6	4	10	5	11	10	10	9	5	11	7	10	5	6	4	10	3	4	6	5	10
2087	10	8.8	2	14	10	11	13	9	9	3	12	10	10	11	10	2	7	4	8	5	10	7	9	7	10	14	9	11	
2088	9	9.0	3	14	14	18	10	14	5	8	6	14	9	14	7	6	10	7	7	11	10	4	9	3	5	10	7	8	
2089	7	7.2	1	14	4	1	6	14	4	3	7	3	5	9	8	7	7	8	6	8	9	6	13	7	6	6	12	7	
2090	8	8.4	2	14	14	6	12	6	8	6	4	12	14	10	7	7	9	7	8	12	13	8	9	2	3	8	5	11	
2091	8	7.6	1	14	10	8	7	11	12	5	7	7	5	14	9	4	8	5	12	7	9	11	6	3	9	5	1	8	
2092	9	9.7	5	16	11	9	6	7	13	7	9	5	11	16	9	7	6	8	13	10	10	5	16	7	12	15	8	13	
2093	9	8.6	4	17	17	5	14	11	8	6	9	11	9	6	7	6	10	7	4	4	10	7	9	12	13	13	4	4	
2094	8	8.3	1	19	8	8	7	6	15	10	4	8	11	10	7	7	6	8	9	6	12	7	19	5	4	10	1	10	
2095	9	9.4	1	17	9	17	11	1	14	15	6	13	4	8	9	10	14	6	8	10	7	6	8	9	12	10	9	9	
2096	7	8.2	3	16	7	14	5	16	9	4	13	6	15	7	8	5	5	7	5	6	8	3	10	9	10	7	6	12	
2097	9	8.0	3	15	10	8	15	9	13	3	4	13	6	3	3	7	6	9	9	7	10	9	11	7	6	7	9	9	
2098	10	9.4	4	17	11	4	7	13	6	12	6	8	11	11	4	6	15	6	11	14	7	9	17	11	7	13	6	11	
2099	9	9.0	4	14	7	6	13	14	10	11	9	9	6	8	8	4	4	4	9	8	14	13	14	14	13	7	6	6	
2100	8	8.5	2	16	14	4	10	11	11	16	10	8	16	7	5	7	5	2	6	10	6	11	2	8	8	6	13	7	

RCP8.5

Day with Daily Precip (mm) ...

Year	Median	Mean	Min	Max	>25																									
					std	std	std	greg	greg	360d	360d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d	365d			
2011	0	0.4	0	3	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0.6	0	4	0	0	0	2	1	1	1	0	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2013	1	0.6	0	2	2	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	2	0	
2014	1	0.7	0	3	0	0	1	0	0	0	0	1	1	0	0	1	1	1	2	0	1	3	1	1	0	0	0	2	0	
2015	0	0.5	0	3	3	0	1	0	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	1	1	0	0	0		
2016	0	0.5	0	3	1	1	0	0	0	0	3	1	0	0	1	1	0	2	0	0	0	1	0	0	1	0	0	0		
2017	0	0.7	0	5	2	1	0	0	1	0	0	0	1	0	2	0	0	0	5	1	1	1	0	1	0	1	0	0		
2018	0	0.4	0	2	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	2	0		
2019	0	0.2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	
2020	1	0.7	0	3	0	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	2	1	0	2	3	0		
2021	0	0.5	0	2	0	0	0	1	2	0	0	0	1	2	0	1	0	0	0	0	0	1	1	1	0	1	0	0		
2022	0	0.6	0	3	0	0	0	1	2	0	0	3	2	0	0	1	0	0	0	0	0	0	2	0	0	1	2	1		
2023	0	0.8	0	3	3	2	1	0																						

2038	0	0.6	0	3	3	0	1	0	0	2	0	1	0	1	1	0	0	2	0	0	2	0	0	1	1	0	0	0	0
2039	0	0.5	0	3	0	0	1	0	1	1	0	0	3	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	2
2040	0	0.6	0	3	0	2	3	0	1	1	0	2	0	2	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0
2041	1	0.7	0	3	1	0	1	0	0	0	1	3	0	1	2	0	1	1	0	0	1	1	0	1	0	1	1	1	0
2042	1	0.7	0	3	0	1	1	0	1	1	1	1	1	2	1	0	0	0	0	3	0	0	0	2	1	2	0	0	0
2043	0	1.0	0	3	0	2	1	0	3	0	0	2	3	2	0	0	0	0	0	2	0	0	3	3	3	1	0	0	0
2044	0	0.5	0	3	0	1	3	0	1	1	1	1	0	2	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0
2045	0	0.6	0	2	0	1	0	0	2	1	1	1	1	0	1	0	1	0	1	0	0	0	1	0	2	0	2	0	0
2046	0	0.5	0	2	1	1	0	0	1	0	0	2	1	0	1	0	1	0	0	0	0	0	1	1	0	0	1	1	0
2047	0	0.7	0	2	0	0	0	1	0	1	0	1	2	2	2	0	0	2	0	1	1	0	1	0	0	0	0	0	2
2048	1	1.0	0	3	0	1	1	2	1	2	1	1	0	3	0	1	1	2	0	0	0	0	2	1	2	0	0	0	2
2049	1	0.8	0	3	0	0	1	0	3	1	0	2	0	1	1	1	0	1	0	0	2	1	2	0	1	0	1	0	1
2050	0	0.7	0	3	2	0	1	0	1	0	1	0	1	0	3	2	0	1	2	0	0	0	0	0	0	2	0	0	1
2051	0	0.5	0	2	1	0	0	0	2	0	2	1	0	1	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0
2052	0	0.5	0	2	1	0	0	0	1	1	0	0	0	1	2	0	0	0	0	0	0	0	1	1	1	0	2	1	0
2053	1	0.8	0	3	1	1	1	1	0	0	0	1	0	2	0	1	2	1	0	0	2	0	0	1	1	3	0	1	1
2054	1	1.0	0	2	2	2	1	0	0	1	0	2	1	1	1	0	1	0	0	1	1	1	1	1	1	2	1	2	2
2055	0	0.4	0	2	0	0	0	2	0	0	1	1	0	0	2	0	2	0	0	0	0	0	2	0	0	0	0	0	0
2056	0	0.9	0	6	6	1	0	0	0	0	0	2	0	1	3	0	1	0	0	0	0	0	1	2	2	0	0	0	2
2057	1	0.7	0	2	1	0	0	1	0	0	1	0	0	0	1	0	0	2	1	1	2	0	2	1	1	1	0	0	1
2058	1	0.6	0	2	0	2	1	1	1	0	1	0	2	0	0	0	1	0	2	1	0	0	0	1	0	1	0	0	1
2059	1	0.8	0	3	2	1	0	1	1	1	1	1	0	3	3	0	0	0	1	0	0	0	0	0	0	3	0	0	0
2060	0	0.7	0	4	3	1	4	2	0	1	0	0	0	3	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
2061	0	0.7	0	2	2	0	1	0	2	0	0	2	2	1	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0
2062	1	0.7	0	3	0	0	0	0	0	1	1	0	1	3	1	0	1	0	2	1	2	1	2	1	1	0	1	0	0
2063	0	0.5	0	2	0	1	0	0	2	1	0	0	0	0	0	0	1	1	1	0	1	1	0	1	0	0	0	0	2
2064	1	0.8	0	3	1	1	0	0	1	1	3	1	3	1	0	0	0	2	0	1	0	0	2	1	0	0	0	0	0
2065	0	0.7	0	3	1	2	1	0	1	0	0	2	0	0	1	3	0	0	3	0	0	1	0	0	1	0	1	0	0
2066	1	0.6	0	2	0	0	1	0	0	2	1	1	1	1	1	2	1	1	0	0	1	0	0	0	0	0	0	0	1
2067	1	0.9	0	2	0	0	2	1	0	0	0	1	0	1	0	1	0	1	2	1	2	1	2	1	1	2	1	2	2
2068	1	0.8	0	3	1	1	0	0	1	1	0	1	0	3	3	2	0	2	1	0	0	0	0	0	2	1	0	0	0
2069	1	0.9	0	3	1	0	0	2	3	1	3	0	0	1	1	1	1	2	0	0	0	0	2	0	3	0	0	0	1
2070	0	0.6	0	3	1	0	0	1	0	3	0	0	0	0	0	1	0	0	0	0	0	1	2	1	2	1	1	1	0
2071	1	0.6	0	2	1	1	0	1	2	1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	1	0	1	0	1
2072	1	0.9	0	3	2	1	0	2	1	0	2	1	0	1	0	0	1	1	0	3	2	0	3	0	0	0	0	0	2
2073	0	0.5	0	2	0	2	0	0	0	1	0	2	0	0	0	0	0	1	0	1	0	1	0	2	2	0	0	0	0
2074	1	0.9	0	3	0	0	1	2	2	1	0	1	3	0	0	0	1	2	0	1	1	1	1	0	0	2	0	0	3
2075	1	1.2	0	4	3	2	0	4	4	0	1	0	4	0	1	0	0	1	0	3	1	0	1	0	0	1	1	1	1
2076	0	0.8	0	5	1	0	1	2	3	1	0	5	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
2077	1	0.6	0	2	1	0	0	2	2	0	1	0	0	2	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1
2078	0	0.7	0	4	0	0	2	0	4	2	1	1	0	0	0	0	0	0	1	2	0	0	1	1	0	0	2	0	0
2079	1	1.0	0	4	0	4	2	1	0	2	0	1	2	0	1	0	0	0	0	2	2	0	3	1	0	0	0	0	2
2080	0	0.6	0	2	2	0	1	1	0	2	0	1	0	0	0	0	0	0	1	2	0	2	0	2	0	0	1	0	1
2081	0	0.7	0	3	3	1	3	0	1	0	1	0	1	0	0	0	2	0	0	1	0	1	1	1	0	0	0	0	0
2082	1	0.9	0	3	2	3	1	2	1	0	0	1	0	1	0	0	0	2	0	0	3	0	3	1	0	0	1	0	0
2083	0	0.5	0	2	0	0	0	0	2	1	1	1	1	2	1	0	0	1	0	0	0	0	1	0	1	0	0	0	1
2084	1	0.6	0	2	1	0	2	1	1	0	0	1	2	0	0	0	1	0	2	1	0	0	0	1	1	0	0	0	0
2085	0	0.6	0	2	1	0	1	0	0	2	2	0	1	2	1	0	0	0	2	2	0	1	0	0	0	0	0	0	0
2086	1	0.8	0	2	2	0	2	0	0	2	2	0	1	2	2	0	1	1	1	0	0	2	0	1	1	1	1	1	1
2087	1	0.7	0	3	1	1	1	1	0	0	3	1	0	1	0	0	1	0	0	0	0	0	1	1	0	2	0	0	2
2088	1	1.0	0	5	5	2	0	0	1	1	0	2	1	2	0	0	4	0	1	0	1	0	1	0	0	1	1	1	1
2089	1	0.7	0	2	0	0	0	1	1	0	0	0	1	1	0	1	2	2	1	1	2	0	0	2	0	2	0	0	0
2090	0	0.6	0	2	1	0	1	0	2	1	0	1	2	0	0	0	2	0	0	1	1	0	0	0	0	0	1	0	1
2091	0	0.3	0	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
2092	0	0.6	0	5	3	0	5	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	1
2093	0	0.5	0	2	1	0	2	0	0	0	1	2	1	1	0	0	1	0	0	1	0	0	1	0	0	0	2	0	0
2094	1	0.5	0	2	1	0	2	0	0	1	0	0	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	0	0
2095	1	0.9	0	3	1	1	0	0	3	1	0	1	1	1	0	3	1	1	0	1	0	0	3	0	1	1	2	0	0
2096	1	0.8	0	3	2	0	1	1	0	0	0	1	3	2	0	1	0	0	1	0	0	1	0	0	1	2	2	0	1
2097	1	0.9	0	3	1	0	2	3	2	3	0	1	2	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	2
2098	0	0.5	0	3	0	0	0	1	1	0	0	1	0	0	1	0	0	1	0	0	2	1	0	3	1	0	1	0	0
2099	0	0.5	0	3	1	1	0	1	3	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	0	0	0
2100	0	0.6	0	2	2	0	1	1	2	1	0	0	1	0	0	0	1	0	0	1	0	1	1	1	0	0	1	0	1



2017	12	26.6	26.1	9.3	39.3	34.7	26.9	20.3	26.7	19.4	19.2	38.0	9.3	39.3	22.3	18.8	19.1	33.1	19.9	25.3	17.8	26.4	34.3	33.7	30.8	30.3	15.4	35.3	30.4	
2018	1	21.9	22.7	7.0	47.5	29.8	33.2	18.6	26.2	15.1	20.0	12.4	47.5	23.4	30.2	14.1	22.9	11.7	35.9	20.9	32.3	30.1	9.9	9.9	33.5	7.0	23.8	17.0	20.0	
2018	2	17.8	17.4	5.0	32.7	19.1	33.3	10.0	6.8	25.2	13.5	12.2	22.9	5.0	19.9	11.9	21.7	32.7	24.8	24.5	22.6	10.1	25.4	17.4	6.7	10.4	18.1	28.6	15.7	
2018	3	14.9	17.3	1.8	53.0	10.1	14.4	11.2	42.6	27.6	11.4	6.1	27.1	13.0	19.2	13.4	18.3	4.6	3.7	16.8	25.3	16.1	14.9	8.0	1.8	14.9	15.4	53.0	25.9	
2018	4	16.5	19.4	1.2	53.1	19.9	4.9	3.7	41.5	15.9	38.6	11.8	1.2	34.4	18.8	16.0	31.9	12.1	53.1	19.9	17.0	17.5	14.7	15.4	10.5	8.7	26.0	18.8	13.1	
2018	5	38.1	40.8	4.9	77.7	25.5	67.4	26.4	26.5	53.6	36.4	37.2	4.9	38.9	73.1	13.0	77.7	52.4	77.3	40.3	23.4	6.2	32.0	72.0	73.6	14.4	60.8	15.9	60.9	
2018	6	47.4	53.7	20.4	127.7	81.5	49.4	46.0	124.7	25.1	39.1	59.7	54.6	20.9	49.4	61.3	20.2	75.6	48.8	90.1	29.1	86.1	73.5	33.7	39.2	74.6	38.0	29.8	34.6	
2018	7	69.4	76.6	29.0	146.2	61.7	118.9	37.2	109.5	87.3	83.8	48.3	94.7	46.9	91.9	46.5	112.9	29.0	58.2	71.5	65.7	63.7	56.7	81.3	63.7	103.9	67.3	56.8	146.2	104.7
2018	8	53.5	59.7	22.9	107.3	34.1	43.5	57.3	101.6	37.6	22.9	68.6	39.8	75.0	45.9	48.4	86.8	54.9	58.4	52.0	44.8	61.1	37.2	32.7	107.3	98.9	99.4	44.4	81.0	
2018	9	57.2	58.1	11.8	89.1	11.8	37.9	69.8	22.3	57.0	60.7	77.6	56.9	64.4	84.9	71.2	53.6	69.0	77.6	89.1	58.1	48.1	57.4	42.7	87.8	46.0	44.9	43.6	56.7	
2018	10	31.9	33.2	2.2	63.6	12.5	63.2	24.0	13.5	44.3	63.6	55.2	42.8	35.7	27.2	31.6	50.2	30.1	21.7	40.4	18.0	30.7	19.2	2.2	32.7	31.2	40.4	32.3	33.7	
2018	11	28.5	30.6	11.3	53.3	26.7	28.7	11.3	53.3	27.0	26.9	31.4	40.7	16.8	41.3	24.2	21.3	38.9	28.3	28.3	34.3	17.6	49.4	24.6	29.1	30.6	32.4	22.6	48.1	
2018	12	28.1	30.2	11.0	52.3	19.7	29.1	27.3	24.4	27.7	49.1	28.5	24.6	13.5	15.7	45.4	31.9	14.6	20.4	11.0	35.7	24.8	40.4	52.3	45.0	23.7	45.0	39.8	35.3	
2019	1	28.8	26.5	8.1	44.1	14.6	29.7	18.0	44.1	8.1	28.6	15.0	35.8	35.9	33.6	16.1	37.0	9.2	30.7	32.4	24.6	15.1	37.0	25.0	25.6	15.3	40.9	34.9	29.9	
2019	2	15.7	18.0	5.2	42.4	28.4	5.2	23.9	12.1	8.2	21.5	42.4	28.2	11.3	26.1	26.8	9.8	24.4	15.3	13.3	18.3	13.9	16.6	15.4	16.0	13.1	12.0	16.9	12.4	
2019	3	17.6	18.2	19.9	47.8	28.1	3.0	7.7	14.7	11.5	2.9	21.4	23.7	4.2	6.1	8.8	47.8	17.0	18.1	23.2	13.6	20.7	18.9	28.7	27.5	42.5	18.6	15.0	1.9	
2019	4	18.2	18.7	5.1	37.7	9.1	33.0	5.1	10.9	17.5	19.3	15.9	21.0	12.3	8.0	21.3	13.9	35.9	15.8	21.2	28.2	8.2	15.5	21.4	7.4	18.9	22.3	37.7	27.9	
2019	5	25.3	35.1	9.6	94.9	30.6	19.9	9.6	57.4	23.2	26.8	49.5	52.3	56.3	14.1	14.0	20.0	94.9	11.6	32.9	88.8	16.1	12.2	52.2	40.7	23.9	55.3	16.6	23.8	
2019	6	39.2	43.9	15.0	102.0	38.2	34.8	70.1	60.6	18.6	31.3	86.5	31.0	25.0	41.9	20.1	38.5	72.6	18.0	40.1	33.5	40.1	102.0	39.8	50.4	53.2	31.5	60.0	15.0	
2019	7	66.5	64.6	7.2	120.6	65.3	110.8	77.9	72.8	37.5	82.3	45.1	7.2	60.9	22.9	61.7	120.6	55.9	16.8	66.7	69.3	58.6	96.2	96.7	69.1	72.6	66.4	27.3	89.1	
2019	8	62.9	65.9	19.7	124.3	19.7	118.8	114.5	35.3	77.7	114.4	67.9	57.1	54.3	124.3	75.5	70.2	56.5	90.5	83.3	67.2	65.0	47.1	60.6	84.2	59.1	52.9	23.6	60.8	
2019	9	54.0	52.8	21.6	113.4	59.7	78.7	36.7	25.6	56.2	34.1	42.2	87.7	31.5	37.3	71.9	38.4	57.2	65.2	51.8	41.7	24.0	56.4	21.6	60.2	26.8	72.0	113.4	76.2	
2019	10	32.8	34.6	10.8	60.8	16.5	18.6	32.1	42.1	54.1	30.6	37.5	34.4	45.1	31.1	60.8	53.6	45.2	26.9	33.5	19.5	30.2	40.5	27.2	31.5	33.8	10.8	46.8	27.3	
2019	11	33.0	32.4	13.8	55.5	44.4	44.7	49.1	47.4	26.3	18.9	32.9	33.1	34.7	13.8	15.7	18.9	47.7	28.5	18.7	28.1	36.0	22.7	55.5	33.8	33.0	37.6	25.7	30.2	
2019	12	24.3	24.9	10.2	40.2	16.3	40.2	25.6	23.3	37.7	23.7	30.9	34.0	31.1	31.1	24.4	30.2	18.9	32.6	17.3	28.7	22.2	10.2	17.0	17.2	24.3	12.1	21.3	28.1	
2020	1	27.2	30.7	12.5	62.8	37.4	47.8	37.1	44.3	32.9	12.5	19.9	22.9	22.7	13.9	18.2	31.1	18.5	41.8	25.3	22.2	25.9	15.5	54.3	38.4	62.8	28.6	38.4	25.2	
2020	2	18.8	21.2	4.7	42.8	20.9	10.1	19.1	25.8	15.9	13.2	30.8	28.7	36.3	16.4	31.0	11.5	14.0	6.0	33.3	29.9	9.1	4.7	14.5	18.4	16.4	23.5	42.8	42.8	
2020	3	19.1	20.5	7.3	47.6	13.5	18.6	7.3	14.0	10.1	13.6	26.9	14.9	12.3	37.1	19.5	27.9	8.7	47.6	33.4	30.5	25.0	14.7	11.6	26.6	27.2	20.5	22.8	7.7	
2020	4	14.7	17.2	3.4	38.0	18.2	6.5	3.4	43.3	31.3	21.3	38.0	5.7	24.0	13.7	8.9	28.9	15.1	14.1	5.3	7.6	22.9	16.1	3.6	20.2	13.6	14.3	35.3	13.8	
2020	5	36.8	39.6	7.4	103.6	22.6	14.7	40.3	23.9	74.9	65.3	26.8	64.9	25.8	34.1	7.4	10.8	103.6	13.3	34.8	41.7	43.4	38.9	33.0	42.1	84.6	21.6	40.1	41.8	
2020	6	56.6	60.9	26.2	117.8	73.9	41.4	55.0	117.8	73.9	41.4	55.0	117.8	73.9	41.4	55.0	117.8	73.9	41.4	55.0	117.8	73.9	41.4	55.0	117.8	73.9	41.4	55.0	117.8	73.9
2020	7	69.1	75.5	25.9	101.6	85.4	74.0	78.3	95.4	119.7	59.4	68.7	60.4	106.0	62.5	88.1	25.9	29.5	67.2	54.1	66.6	66.6	58.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2020	8	67.0	68.7	11.4	133.0	133.0	69.3	102.4	64.6	58.9	63.6	40.9	55.8	64.5	38.3	76.5	33.5	28.5	91.6	27.5	48.0	87.6	93.6	92.8	74.7	11.4	95.1	131.6	113.8	
2020	9	61.7	64.4	24.3	133.7	76.0	31.0	44.4	59.5	34.0	51.7	60.6	68.9	103.8	85.8	67.5	58.7	53.6	83.4	62.7	31.1	50.4	80.7	105.7	24.3	65.7	38.3	133.7	76.0	
2020	10	32.2	34.3	18.6	58.9	34.5	32.2	44.4	27.2	47.1	32.3	51.1	25.2	25.0	42.8	21.9	21.3	58.9	30.6	41.0	26.3	42.0	19.2	38.0	28.0	18.6	22.5	49.7	44.0	
2020	11	30.9	31.1	10.7	75.4	36.2	20.0	28.9	18.9	35.3	15.7	55.2	41.9	22.5	10.7	22.3	14.6	33.8	37.7	19.9	34.1	33.0	75.4	24.9	33.1	26.3	38.6	39.2	28.4	
2020	12	19.7	23.9	7.3	63.2	20.3	14.0	14.0	32.6	17.7	12.2	53.6	9.1	23.0	17.1	19.1	27.8	7.3	9.8	33.0	16.8	63.2	17.9	31.1	34.6	27.5	17.8	29.6	25.2	
2021	1	21.4	22.7	10.5	37.3	23.3	27.8	20.1	18.9	22.7	13.0	18.7	18.5	15.9	27.6	27.7	10.5	22.7	30.5	16.9	19.5	17.8	32.7	30.3	15.4	27.7	24.0	36.8	19.5	
2021	2	20.3	22.5	6.7	59.8	28.7	13.7	28.0	28.4	26.2	32.7	38.0	21.5	31.3	59.8	19.8	7.1	27.0	20.8	16.3	30.1	10.6	15.2	6.7	14.1	19.6	16.3	16.4	12.7	
2021	3	17.4	19.3	3.2	49.3	4.7	16.1	10.9	41.5	8.4	13.0	19.3	26.1	8.2	7.5	24.6	5.2	9.2	23.1	9.7	42.1	3.2	5.6	18.8	25.0	43.2	22.6	49.3	26.0	
2021	4	19.3	20.5	2.2	49.7	10.1	7.9	19.0	32.0	2.2	9.2	33.6	25.8	25.4	26.6	27.2	12.5	21.0	49.0	12.8	23.9	3.3	11.0	3.5	19.5	16.9	9.3	40.6	49.7	
2021	5	28.7	33.8	4.4	99.3	74.1	4.4	99.3	24.3	27.2	11.8	15.9	20.4	32.3	54.9	89.1	7.6	39.6	27.3	9.5	54.4	30.0	31.0	12.7	38.6	11.9	6.4	39.0	45.4	
2021	6	63.1	61.9	8.8	123.9	69.4	81.1	94.3	123.9	111.1	64.0	32.2	108.8	38.8	37.2	37.2	34.8	38.2	8.8	44.1	18.5	47.7	80.5	67.7	75.2	62.1	49.1	64.8	93.1	
2021	7	68.7	69.5	27.0	113.6	63.4	48.9	73.7	56.4	73.4	86.3	98.4	97.2	73.4	69.8	33.2	55.7	33.6	105.5	27.0	90.9	113.6	88.5	67.6	60.5	56.2	73.5	43.3	60.0	38.7
2021	8	56.0	57.6	16.7	111.1	33.8	27.2	55.7	41.0	111.1	35.2	60.8	73.7	47.0	41.7	66.5	69.8	98.0	52.8	32.8	78.2	35.9	16.7	42.5	57.7	73.5	79.1	20.5	16.7	
2021	9	53.4	57.2	29.5	101.1	34.8	48.4	50.4	31.9	35.1	79.5																			

2025	7	72.7	72.1	3.1	137.6	77.7	89.9	91.7	103.0	119.1	80.7	38.3	69.4	56.2	116.3	87.2	38.0	100.1	52.7	80.5	42.6	72.3	34.1	44.7	73.0	51.3	69.5	3.1	137.6	
2025	8	55.6	56.6	19.1	120.9	30.4	58.9	56.0	61.9	94.5	66.9	55.2	36.3	63.7	44.3	45.3	84.2	31.3	120.9	36.7	65.4	40.2	19.1	48.4	67.5	81.7	50.0	36.0	63.8	
2025	9	61.3	64.7	27.9	121.1	74.9	27.9	76.8	47.3	30.9	69.7	121.1	51.4	73.5	101.7	32.3	63.7	72.0	73.2	56.1	75.8	111.1	48.2	47.1	58.9	56.5	78.3	55.2	49.0	
2025	10	34.8	33.6	8.6	74.7	28.8	33.3	39.0	8.6	26.4	49.2	39.7	26.5	22.6	17.9	15.9	39.8	58.8	24.2	41.4	8.7	37.2	54.3	40.3	29.8	14.3	36.4	38.9	74.7	
2025	11	34.2	35.1	8.5	61.5	32.9	44.1	52.0	17.5	53.9	61.5	22.7	23.0	23.9	38.9	59.8	21.9	8.5	51.3	46.4	19.2	28.8	15.3	41.8	48.6	26.2	34.4	36.2	22.1	
2025	12	23.4	25.9	2.3	50.0	21.3	45.7	20.0	24.2	38.4	31.7	33.5	28.0	6.2	20.6	44.4	22.5	30.8	10.5	20.8	48.9	26.9	12.5	19.6	50.0	19.3	24.7	2.3	18.4	
2026	1	23.7	25.3	13.2	44.2	27.4	23.0	42.6	23.6	42.6	13.5	29.1	13.5	15.0	16.7	23.6	25.1	20.0	13.2	33.5	36.1	23.8	26.7	35.4	44.2	42.3	14.5	17.3	42.8	
2026	2	20.1	21.4	9.1	51.7	16.8	14.7	15.2	35.0	10.1	29.8	19.9	14.9	25.9	51.7	10.7	33.3	28.8	27.2	9.1	22.4	20.3	10.5	16.9	15.6	17.5	33.6	11.8	22.9	
2026	3	21.1	21.0	3.8	39.7	36.4	23.5	34.2	15.6	18.7	25.1	22.4	18.1	28.4	28.0	25.9	16.5	30.6	31.7	11.3	3.8	12.3	12.4	21.1	7.1	39.7	21.0	14.3	4.8	
2026	4	19.4	19.5	2.8	43.2	28.7	36.4	31.9	7.6	9.6	4.7	21.1	30.9	17.1	8.3	23.0	2.8	18.7	20.2	18.6	43.2	23.8	31.8	24.4	17.1	7.8	29.0	5.7	6.2	
2026	5	27.5	29.9	5.3	57.3	50.8	22.2	35.5	29.7	19.0	8.8	57.3	25.0	54.5	16.2	6.7	47.3	32.0	42.2	47.7	25.3	43.4	27.1	27.2	9.6	5.3	22.1	36.9	27.9	
2026	6	42.1	43.5	15.3	107.6	24.9	35.3	29.3	83.5	58.2	54.4	53.0	21.7	30.2	45.6	59.4	20.2	15.3	20.7	29.1	40.6	43.6	107.6	66.9	25.3	60.1	17.5	56.2	46.3	
2026	7	78.7	78.5	30.3	186.2	30.3	39.7	75.4	99.0	84.4	79.0	84.4	41.9	78.3	88.6	68.1	61.7	76.8	79.0	86.0	32.3	43.4	68.8	82.1	186.2	77.5	129.8	100.2	90.2	
2026	8	51.2	55.3	18.5	134.5	34.2	82.0	18.5	74.4	57.0	47.7	62.6	40.3	50.6	134.5	37.0	52.2	45.8	41.9	75.8	51.9	57.7	72.0	55.4	33.7	45.3	63.2	47.2	46.5	
2026	9	61.1	61.9	22.5	116.6	97.4	42.8	29.3	78.4	92.9	68.0	31.3	74.5	35.8	22.5	107.9	47.1	58.2	61.4	73.1	64.7	67.0	60.7	44.8	87.1	22.9	41.5	116.6	59.3	
2026	10	32.7	36.9	13.2	64.5	13.2	15.8	27.5	60.1	39.1	28.3	34.4	32.1	24.6	25.9	48.5	23.3	50.3	26.6	64.5	42.2	59.3	33.3	24.0	48.0	47.0	29.6	31.0	57.4	
2026	11	25.9	27.5	12.6	40.9	20.7	25.2	17.3	36.1	40.9	33.4	38.3	24.1	35.0	29.1	39.0	17.7	38.2	12.6	33.1	35.0	21.2	23.3	18.2	19.2	22.6	22.9	30.7	26.6	
2026	12	26.1	26.5	6.9	51.2	51.2	38.4	29.5	6.9	28.2	28.9	35.4	14.0	22.0	36.0	17.7	20.9	40.0	14.7	25.6	17.8	31.0	26.4	26.5	23.1	25.8	23.3	30.2	22.0	
2027	1	23.3	24.2	11.1	50.4	30.8	50.4	13.9	26.2	20.7	40.7	21.9	27.2	19.6	11.3	14.9	21.7	26.5	42.4	27.5	19.5	13.1	25.3	17.1	24.7	26.2	33.0	14.8	16.9	
2027	2	18.3	19.3	1.0	59.2	59.2	6.1	1.0	10.5	24.8	18.7	21.7	16.1	5.0	18.2	25.1	38.1	13.9	18.7	16.9	17.1	19.0	10.9	18.8	30.1	14.3	15.4	18.9	17.5	
2027	3	20.3	20.8	2.4	49.2	18.3	2.4	18.2	29.0	13.7	20.8	18.8	5.7	27.0	25.0	18.2	21.4	17.3	25.8	11.2	8.2	7.0	21.0	15.8	19.9	35.2	45.1	21.1	49.2	21.0
2027	4	15.9	20.3	3.8	59.4	26.9	55.0	17.0	20.6	19.7	12.9	16.2	10.1	13.2	12.7	13.1	14.4	9.9	15.9	23.5	24.9	12.4	3.8	59.4	54.4	22.4	15.9	6.3	6.3	
2027	5	45.4	44.7	15.7	89.0	49.4	43.5	23.8	15.7	16.8	74.3	64.9	89.0	31.3	38.9	65.1	47.3	19.2	63.9	57.0	55.3	48.6	40.6	32.7	49.3	62.1	17.9	34.4	30.7	
2027	6	45.5	50.9	24.1	89.6	43.1	43.5	51.3	66.6	66.3	32.0	24.1	24.2	49.7	24.4	71.3	85.7	41.2	47.5	56.1	34.4	60.5	43.5	39.3	75.1	89.6	30.7	83.2	38.6	
2027	7	80.5	84.1	37.5	165.8	111.6	77.6	165.8	98.4	69.5	82.7	110.2	75.7	56.5	88.6	54.7	63.9	95.9	44.7	129.7	52.6	108.0	68.4	93.7	75.2	78.2	37.5	82.9	97.1	
2027	8	65.9	69.0	35.5	110.5	97.8	69.6	61.1	56.9	91.3	108.4	72.8	67.9	86.2	53.3	61.6	51.8	53.0	51.4	81.2	35.5	110.5	41.7	80.0	40.9	63.0	70.1	96.1	52.9	
2027	9	46.9	55.4	13.0	111.8	36.2	60.8	74.9	81.3	25.5	97.6	45.8	30.2	46.9	111.8	79.2	38.7	53.7	40.6	89.3	78.7	32.5	46.8	61.8	65.5	39.0	41.2	38.5	13.0	
2027	10	33.0	37.0	17.0	69.7	25.1	32.3	46.3	27.0	60.5	32.6	59.1	26.1	22.8	25.7	33.4	43.4	38.5	21.9	49.6	34.9	17.0	69.7	36.3	28.5	46.3	25.0	57.1	29.3	
2027	11	28.2	30.6	12.0	72.9	23.2	29.9	43.3	16.8	12.6	19.6	31.1	33.3	35.8	22.9	54.8	28.3	22.8	24.7	22.1	28.1	41.5	27.6	29.7	41.7	72.9	12.0	21.6	38.5	
2027	12	26.5	27.7	9.6	48.9	47.4	48.9	21.5	36.1	37.9	28.2	17.6	28.8	20.6	35.4	25.6	24.1	9.6	27.6	25.8	42.0	39.8	32.9	12.4	19.6	27.1	17.0	25.4	18.1	
2028	1	23.9	25.5	11.3	50.7	17.0	33.0	29.6	17.6	19.1	15.9	23.7	30.9	13.6	30.7	37.9	31.9	33.9	29.0	23.2	17.1	27.9	31.3	18.8	32.6	22.6	40.0	24.1	15.8	
2028	2	18.6	21.4	3.4	38.3	28.9	16.2	18.3	38.9	38.0	7.5	26.8	30.4	26.6	3.9	10.9	10.5	38.0	20.8	17.3	14.5	29.2	16.1	33.0	30.0	24.0	30.0	24.0	17.5	
2028	3	16.2	20.1	2.9	40.5	27.3	7.9	16.1	13.5	43.8	22.3	9.6	12.7	10.7	14.0	16.3	37.6	8.9	12.3	24.9	24.8	26.5	20.2	23.1	8.1	30.0	15.2	50.5	11.7	
2028	4	22.3	20.7	0.7	45.1	28.8	45.1	22.6	22.4	3.8	8.3	27.4	31.5	25.4	9.3	21.2	21.3	12.1	31.9	25.0	0.7	27.7	16.5	33.5	10.5	22.6	18.4	8.6	22.3	
2028	5	35.6	37.1	4.0	75.1	20.6	47.1	56.6	16.8	18.5	34.0	26.4	41.7	36.7	52.8	34.5	74.1	21.1	50.0	24.5	4.0	6.7	58.7	55.8	36.8	47.6	31.9	19.4	75.1	
2028	6	52.6	56.2	20.3	115.5	28.1	35.9	45.6	60.9	46.0	56.7	44.7	56.3	115.5	47.7	24.9	61.3	49.2	112.0	106.3	20.3	67.1	53.0	35.3	52.2	85.0	55.6	28.0	61.3	
2028	7	62.0	74.8	15.2	153.4	93.5	49.1	118.0	53.5	92.1	55.6	35.9	57.6	64.1	52.0	32.4	50.4	109.8	101.0	153.4	15.2	102.3	50.6	58.9	66.3	59.9	103.1	109.2	111.4	
2028	8	46.0	59.2	15.9	196.3	16.0	36.7	110.0	40.5	63.4	37.7	65.1	95.1	56.1	37.4	196.3	60.9	39.6	43.6	45.8	96.9	51.6	76.4	42.1	15.9	40.2	76.4	46.3	31.0	
2028	9	63.3	62.1	20.4	92.3	68.7	28.4	57.1	42.1	52.6	50.0	52.5	59.4	67.1	47.1	24.0	74.1	72.8	88.5	91.4	68.8	84.8	85.0	91.0	92.3	20.4	71.7	49.3	51.5	
2028	10	33.0	36.2	12.2	70.1	32.9	33.1	33.5	45.2	27.7	22.9	60.8	70.1	23.4	44.3	16.7	32.0	40.3	18.7	40.7	12.2	57.8	31.9	26.0	16.7	31.0	53.8	42.8	55.1	
2028	11	39.1	36.2	13.0	71.7	20.3	36.8	45.5	18.5	26.3	21.7	58.5	43.9	17.4	17.7	15.6	41.4	37.5	57.7	41.4	60.5	48.9	13.0	16.6	39.3	51.5	17.3	39.0	39.5	
2028	12	26.4	27.5	11.5	64.4	28.8	11.5	13.2	19.8	37.5	41.4	40.2	11.5	13.5	17.1	16.0	35.0	12.2	43.2	35.5	64.4	33.2	15.5	37.5	38.1	23.1	11.8	18.5	26.7	
2029	1	24.9	27.5	12.8	59.7	17.1	28.0	25.6	14.7	16.7	24.5	14.9	14.2	45.1	25.2	16.6	46.7	42.5	33.2	24.2	17.2	12.8	89.7	19.7	36.8	37.0	13.7	38.7	34.8	
2029	2	18.0	19.4	8.4	44.7	16.0	17.3	44.7	19.4	12.1	25.7	19.7	32.3	13.0	29.0	17.1	18.7	25.3	12.2	24.2	8.4	14.2	8.7	27.2	10.8	16.5	19.7	14.4	19.6	
2029	3	18.7	21.4	6.8	44.4	9.8	20.8	20.8	29.2	19.4	22.1	25.0	10.1	10.3	44.4	8.7	23.0	15.2	20.7	12.0	18.0	16.3	31.6	36.3	20.8	14.9	6.8	14.6	14.6	
2029	4	20.8	23.4	7.5	48.7	42.2	22.9	27.0	22.1	16.2	27.4																			



2033	2	18.7	20.1	8.8	36.9	14.3	12.7	19.4	24.2	11.0	17.1	15.0	8.9	28.5	8.8	29.1	21.7	36.9	25.3	26.4	15.0	11.3	10.0	25.7	25.0	35.1	18.1	18.0	24.7	
2033	3	20.8	20.4	4.3	39.7	39.7	27.9	22.7	28.2	29.4	19.4	26.1	17.2	22.8	13.3	15.0	8.0	34.4	22.1	39.2	4.3	6.7	22.5	13.1	7.9	8.3	9.3	34.8	18.0	
2033	4	17.6	20.2	4.1	46.8	25.7	32.0	24.5	11.7	6.5	30.0	8.0	9.6	4.1	46.8	18.8	7.3	18.7	44.9	15.8	28.1	14.3	16.5	30.3	12.6	9.6	8.0	30.3	30.7	
2033	5	32.8	37.8	8.1	95.2	40.4	24.6	45.1	33.5	41.6	25.3	52.0	17.2	56.6	29.4	44.1	17.3	41.7	21.7	52.4	86.3	57.4	16.4	23.3	95.2	17.0	8.1	60.2	32.0	
2033	6	48.5	53.5	20.6	108.7	45.1	12.7	51.1	104.9	20.6	50.7	46.3	60.9	62.2	36.5	35.9	31.2	74.0	33.2	61.9	62.9	46.3	108.7	63.6	37.8	39.7	51.7	36.6	96.6	
2033	7	75.2	80.6	44.1	167.2	68.8	74.4	44.9	62.3	58.9	77.8	97.1	44.1	89.4	67.4	69.9	59.3	111.6	94.9	167.2	129.0	91.0	107.9	53.2	95.0	76.1	89.3	52.1	53.1	
2033	8	70.2	69.0	13.3	120.1	87.3	20.5	59.9	87.7	82.4	77.8	97.4	59.0	130.1	13.7	51.1	108.3	57.5	58.1	116.9	36.3	51.8	117.7	98.8	13.3	68.1	13.3	72.4		
2033	9	60.3	63.2	24.7	108.8	63.8	62.5	49.1	94.8	60.0	100.3	55.6	41.5	71.6	88.0	37.3	90.6	83.9	61.4	42.8	108.8	41.8	51.6	27.6	17.6	60.5	62.0	95.1		
2033	10	33.1	33.6	15.1	64.6	39.5	16.4	43.0	19.2	28.1	36.1	26.4	21.7	34.4	47.3	53.9	17.7	50.2	33.0	33.2	47.9	64.6	33.5	16.0	28.9	28.3	15.1	47.1	25.9	
2033	11	30.4	32.8	9.6	63.2	30.5	26.5	25.0	34.3	45.3	63.2	54.6	66.7	23.8	15.7	23.0	14.1	30.4	25.0	36.9	35.1	48.8	45.7	30.0	31.0	24.7	9.6	35.5	30.4	
2033	12	27.5	27.0	7.1	40.3	26.7	22.9	39.7	40.3	7.1	25.0	33.1	20.1	35.6	34.7	35.6	32.7	24.3	33.4	14.9	26.0	30.7	28.2	22.1	37.8	11.0	9.8	33.5	23.4	
2034	1	24.5	24.0	7.0	50.1	24.1	22.0	34.2	18.2	36.0	25.2	7.0	31.3	30.7	24.9	10.3	31.3	7.5	11.6	33.7	11.6	33.7	21.4	50.1	21.0	21.4	29.5	12.0	27.8	
2034	2	21.4	21.9	4.0	41.1	13.0	18.5	24.4	19.3	21.0	30.6	15.0	29.6	41.1	21.8	22.7	22.8	28.5	4.0	23.6	16.8	13.3	10.1	29.8	16.3	36.7	17.6	29.7	19.1	
2034	3	17.0	21.0	2.5	67.1	16.3	28.9	27.0	8.2	12.8	34.8	31.1	14.0	25.5	20.0	20.2	46.2	7.7	15.5	12.6	17.8	10.6	16.1	16.0	21.6	24.5	22.2	67.1	9.7	
2034	4	22.5	22.3	2.8	48.3	22.5	29.0	34.4	36.6	46.9	2.8	13.8	22.4	6.3	8.8	6.9	3.2	18.5	28.6	5.9	35.1	30.0	48.3	36.7	14.8	8.3	12.8	37.0	25.6	
2034	5	35.4	41.5	9.3	113.8	113.8	32.3	38.4	31.9	65.3	12.1	27.5	9.3	30.7	42.8	47.3	52.0	22.0	14.3	45.8	49.3	25.8	47.7	25.7	82.8	79.3	20.7	49.1	30.5	
2034	6	46.3	52.5	16.5	97.4	55.4	61.1	26.0	84.1	76.5	19.0	88.6	23.1	52.6	16.5	42.7	37.7	47.4	97.4	45.1	45.2	35.3	85.8	26.2	76.0	67.8	22.3	32.2	96.4	
2034	7	81.4	85.5	40.3	135.0	114.4	115.5	85.5	91.5	69.7	86.6	113.5	40.3	58.8	124.5	50.4	85.4	124.6	81.0	47.1	135.0	128.8	81.7	79.2	105.9	55.0	78.5	79.6	60.3	
2034	8	72.8	73.1	23.3	120.2	88.9	38.2	73.6	42.2	114.3	53.9	72.5	85.6	76.7	49.6	23.3	40.3	55.8	73.0	105.3	78.4	73.7	51.5	67.0	120.2	57.7	100.6	102.1	62.2	
2034	9	45.1	49.9	18.7	82.9	68.0	53.6	59.0	24.7	55.0	45.6	68.4	79.4	37.5	60.4	38.2	64.3	43.7	40.7	82.9	38.4	18.7	37.3	41.3	66.4	43.1	51.1	44.6	35.3	
2034	10	31.9	33.8	13.0	67.2	25.3	36.2	15.3	28.5	20.8	41.8	24.8	58.8	33.3	32.8	38.9	48.0	30.8	20.8	13.0	20.2	32.7	13.7	67.2	50.8	48.5	21.8	31.1	36.5	
2034	11	33.5	35.2	14.8	66.4	44.0	41.3	26.9	42.1	58.0	33.3	48.7	36.1	14.8	40.2	46.3	19.6	26.1	30.6	40.7	27.7	25.3	66.4	40.7	30.3	29.5	19.0	33.8	28.5	
2034	12	22.2	26.5	10.1	62.9	13.9	39.3	46.0	62.0	16.7	19.2	32.6	19.1	10.1	26.4	40.0	62.9	15.1	23.6	25.9	17.0	44.1	19.1	21.5	16.1	23.0	14.6	44.3	13.9	
2035	1	20.5	22.1	6.7	38.8	16.6	17.2	32.0	15.6	29.6	31.5	24.9	27.8	6.7	20.2	20.6	29.7	11.5	12.0	22.1	22.5	31.4	29.6	19.2	38.8	14.5	17.4	20.5	18.7	
2035	2	18.0	20.5	8.8	44.0	20.5	19.2	11.7	18.8	18.2	8.8	31.9	25.8	15.9	17.8	44.0	16.8	36.5	16.1	17.2	11.8	16.3	14.7	27.9	28.0	11.2	22.0	26.9		
2035	3	20.5	19.8	7.9	43.0	27.6	25.3	22.1	21.5	11.9	13.1	12.4	21.9	24.4	43.0	15.3	22.0	7.9	13.1	27.0	19.5	10.3	9.0	23.2	19.4	15.3	12.0	26.2	30.8	
2035	4	11.8	15.4	3.3	61.0	12.4	11.2	7.5	5.6	15.4	26.4	31.6	18.3	14.3	23.8	17.5	17.4	9.9	61.0	16.6	3.3	4.8	5.2	7.0	3.9	9.9	4.5	30.9	11.0	
2035	5	37.9	43.0	13.3	101.2	15.1	13.3	27.9	46.1	33.0	101.2	25.3	49.7	18.1	16.2	24.9	83.4	56.3	89.9	78.6	43.3	54.0	21.4	41.6	20.6	34.6	72.9	41.3	24.3	
2035	6	51.4	51.9	10.2	94.1	37.9	46.9	85.8	10.2	38.1	43.8	69.3	50.2	51.2	70.8	30.1	94.1	62.7	60.9	63.4	75.0	54.7	31.1	22.9	47.4	57.6	46.3	51.5	53.0	
2035	7	90.6	88.4	38.0	143.9	128.4	108.0	106.9	110.0	82.3	65.8	84.0	65.4	138.3	65.9	43.5	104.9	74.2	97.2	109.6	46.3	52.7	38.0	97.9	79.0	104.3	111.6	143.9	62.9	
2035	8	70.8	72.5	18.2	177.9	110.5	103.4	101.3	128.2	177.9	77.0	86.7	79.2	43.5	54.1	69.0	92.9	20.2	70.2	97.9	87.0	55.0	49.3	38.2	53.4	33.5	23.3	47.6	70.6	90.3
2035	9	52.9	58.4	7.4	120.5	46.3	40.2	38.3	60.1	53.0	40.6	33.0	35.4	91.5	33.0	40.5	51.0	58.4	68.0	58.4	68.7	93.9	7.4	53.9	68.7	93.9	7.4	53.9	50.2	
2035	10	30.7	34.7	11.8	101.1	25.5	61.9	29.8	32.2	57.8	43.5	21.2	33.4	30.5	38.6	25.2	34.2	41.7	16.5	11.8	20.9	43.9	30.9	54.3	15.4	24.9	13.0	52.0	20.1	
2035	11	34.3	36.8	20.7	61.4	47.2	35.0	26.4	39.8	42.1	29.8	29.6	49.8	32.4	33.6	50.9	61.4	51.6	47.6	28.6	23.9	28.0	37.5	28.6	41.9	28.2	36.5	31.7	20.7	
2035	12	30.6	33.1	8.1	80.0	48.1	40.1	33.8	43.9	65.4	37.1	25.7	43.4	25.1	29.6	46.2	24.1	80.0	19.9	16.9	15.9	34.1	31.5	33.3	13.5	25.2	26.2	8.1	27.9	
2036	1	22.3	25.3	8.4	54.8	12.5	34.4	8.4	14.2	17.2	54.8	21.8	25.7	10.0	18.9	23.1	51.7	41.9	31.5	16.6	16.7	25.7	21.9	33.3	45.8	10.5	33.0	22.7	15.0	
2036	2	18.3	22.4	10.1	46.1	18.4	12.9	15.2	16.4	25.4	13.1	41.5	17.0	18.8	46.1	11.9	18.2	17.3	10.1	42.6	13.3	36.3	13.0	25.5	18.3	19.7	32.2	22.4	32.6	
2036	3	19.9	20.9	3.0	33.7	11.1	33.7	18.6	26.2	17.8	18.4	21.1	14.1	33.3	3.0	21.9	19.7	19.1	20.6	32.1	20.1	18.8	28.4	26.9	18.3	10.1	21.1	17.9	28.9	
2036	4	22.6	24.3	9.9	54.9	15.3	10.5	32.7	29.2	25.1	27.6	9.9	16.9	33.5	33.5	15.9	22.7	12.2	45.8	13.9	14.7	26.6	31.2	22.5	30.2	16.5	18.4	54.9	22.4	
2036	5	33.4	37.0	16.8	110.7	19.3	22.1	29.3	64.7	36.3	22.5	44.7	36.7	56.5	41.1	33.8	28.2	18.3	42.8	27.6	24.1	30.3	50.3	46.6	24.4	32.9	16.8	34.4	110.7	
2036	6	48.3	54.5	14.3	138.4	50.7	67.1	19.8	62.5	40.5	42.4	39.9	28.4	33.4	138.4	63.4	56.9	52.0	31.7	14.3	80.2	45.9	131.6	33.6	79.0	38.5	58.0	62.2	36.3	
2036	7	74.0	85.7	26.3	154.3	76.6	154.3	82.3	121.1	49.1	103.5	62.8	47.7	31.2	26.3	54.6	131.7	60.4	56.5	143.0	138.9	59.1	124.1	59.4	71.5	65.8	108.0	153.5	44.7	
2036	8	64.7	68.8	23.9	146.1	50.9	80.8	69.8	76.9	27.7	56.2	23.9	48.8	82.3	74.7	42.4	97.8	59.3	91.0	65.8	119.1	50.2	83.1	74.8	63.6	38.7	146.1	129.0	39.1	
2036	9	55.8	59.0	12.7	101.6	93.8	76.8	46.0	65.9	101.6	96.6	79.4	29.3	51.3	90.1	44.9	13.6	49.5	75.8	29.0	88.3	13.0	48.5	49.1	69.4	12.7	76.8	55.7	70.8	
2036	10	34.1	36.5	7.3	95.2	23.5	31.2	42.5	15.3	40.6	27.1	37.6	36.2	53.9	19.6	73.9	46.8	56.2	28.2	49.5	22.1	51.8	44.4	40.7	28.1	32.8	48.2	34.4	20.7	
2036	11	33.4	33.8	10.5	56.1	34.0	23.8	47.0	34.1	22.3	32.1	28.																		

2040	9	53.6	58.6	18.1	118.4	118.4	61.7	48.7	54.8	54.3	41.9	72.8	33.2	89.9	18.1	94.5	84.0	37.0	58.1	40.5	52.1	34.3	53.2	47.9	54.0	52.2	93.8	68.7	42.2
2040	10	35.7	36.9	20.2	59.1	36.3	59.1	48.9	37.8	50.3	22.9	31.0	21.3	28.3	23.6	32.1	51.4	50.7	42.8	26.2	47.0	21.8	39.4	35.2	28.9	30.9	20.2	48.6	50.8
2040	11	30.9	34.4	12.9	57.4	35.4	20.3	12.9	24.2	55.1	27.9	31.5	27.7	30.2	41.4	37.6	33.8	24.6	57.4	41.8	21.9	30.2	45.9	43.6	49.8	29.7	22.6	23.4	
2040	12	23.7	26.4	15.9	55.1	21.0	22.0	16.4	22.3	21.6	55.1	37.0	28.3	18.2	16.9	28.6	29.6	24.5	23.3	46.5	30.7	40.9	15.9	15.9	16.5	17.4	32.4	24.0	24.2
2041	1	23.6	23.8	4.2	50.6	32.9	8.1	24.6	22.6	29.5	6.2	29.4	50.6	24.9	8.1	28.2	41.2	21.3	25.9	19.2	4.2	5.9	39.9	19.9	12.6	35.2	21.3	15.8	44.8
2041	2	20.7	23.3	6.9	55.2	17.8	17.5	32.3	24.4	35.9	21.1	55.2	10.4	11.2	24.6	15.6	20.1	12.8	27.5	6.9	26.2	45.9	8.2	18.4	11.2	24.8	21.2	49.2	20.3
2041	3	19.6	18.8	5.2	48.5	20.6	5.6	26.4	16.9	48.5	26.1	29.3	5.2	24.3	18.1	13.3	24.2	7.0	6.5	19.3	8.0	13.3	14.5	20.9	33.6	21.7	52.2	8.3	
2041	4	15.9	18.8	0.9	40.7	14.0	14.0	20.9	29.6	36.1	21.4	8.1	1.4	40.7	39.0	12.3	11.4	10.3	32.3	5.8	5.5	11.6	29.9	32.0	0.9	17.9	3.1	31.9	22.0
2041	5	31.8	35.5	6.9	87.9	64.5	28.4	26.2	30.7	30.9	38.4	9.9	87.9	33.8	35.3	29.3	23.5	33.3	70.9	32.8	70.9	12.5	14.7	32.8	24.4	19.2	6.9	40.3	55.6
2041	6	52.4	60.0	11.4	149.0	109.8	55.5	45.1	36.0	66.7	59.0	57.8	35.7	22.8	121.9	93.7	24.2	54.0	50.8	11.4	79.0	28.0	45.1	99.7	101.7	12.1	44.3	37.3	149.0
2041	7	84.3	83.6	24.6	164.1	52.2	131.8	81.3	54.9	92.3	79.1	119.3	97.9	164.1	83.8	108.8	28.0	97.9	84.7	95.4	24.6	63.0	70.7	102.4	105.3	28.1	75.0	89.8	75.0
2041	8	62.1	69.3	27.4	145.2	82.8	68.7	32.2	51.6	56.5	71.0	76.4	145.2	135.8	81.3	57.5	55.5	66.7	53.1	100.4	27.4	50.7	38.7	93.8	77.1	47.6	52.3	49.7	80.2
2041	9	58.1	59.4	17.1	99.5	83.8	44.6	76.3	36.7	62.2	53.7	99.5	67.8	62.8	71.1	98.9	52.7	46.7	38.7	17.1	95.0	34.8	66.6	57.2	78.2	58.9	41.7	50.8	30.6
2041	10	34.1	36.4	12.8	69.9	32.2	29.8	54.5	51.1	36.1	16.0	43.1	35.3	18.8	59.5	32.0	51.3	19.7	28.1	23.3	33.9	43.6	69.9	38.5	32.9	29.1	34.4	47.0	12.8
2041	11	32.7	32.8	11.6	54.7	43.4	16.8	35.5	16.2	24.1	13.9	36.4	42.6	31.7	29.5	47.8	21.3	30.3	30.4	26.4	37.1	54.7	11.6	54.4	26.1	40.1	33.7	48.1	35.0
2041	12	27.8	30.3	12.0	49.3	14.0	27.8	44.5	42.3	32.6	12.0	40.2	23.5	20.8	34.2	46.6	49.3	26.8	21.5	27.9	27.8	26.7	34.3	41.0	24.1	27.7	22.7	31.1	27.0
2042	1	27.4	29.1	11.5	57.5	16.5	57.5	21.2	27.0	31.6	14.2	28.5	30.4	25.6	36.0	18.0	54.0	29.0	23.3	30.8	11.5	34.8	27.3	36.4	22.6	38.2	11.6	26.2	27.5
2042	2	23.7	23.2	8.2	42.2	32.1	27.7	8.2	14.2	20.2	19.4	34.7	42.2	27.2	51.6	13.2	25.6	9.2	14.6	18.7	26.4	22.0	16.6	39.4	11.2	24.2	27.7	25.2	28.6
2042	3	23.9	22.6	8.2	48.8	25.1	30.5	10.6	9.5	48.8	29.0	13.7	17.3	22.5	8.2	21.3	33.8	16.6	18.5	24.1	35.5	23.6	31.5	20.6	13.0	24.6	21.0	19.1	23.8
2042	4	18.8	20.7	4.5	48.3	12.6	11.4	16.8	21.5	12.2	28.5	48.3	9.3	22.1	17.9	18.4	37.9	25.3	17.2	12.9	15.2	19.2	24.4	21.1	4.5	18.4	11.9	24.1	31.6
2042	5	38.7	36.4	6.9	65.0	37.4	45.2	48.5	40.4	38.0	30.6	6.9	54.2	40.3	28.7	62.7	53.1	9.9	29.2	40.2	31.7	65.0	19.9	23.8	44.7	30.2	21.2	56.7	17.5
2042	6	60.4	68.1	11.2	142.4	38.5	66.5	60.2	135.7	40.3	74.5	50.5	57.7	36.6	29.7	76.1	54.0	11.2	30.5	129.7	108.4	107.3	25.8	142.4	60.7	114.7	62.7	107.0	13.7
2042	7	73.0	87.1	38.6	211.1	72.1	211.1	55.0	124.1	50.1	73.9	38.6	68.8	91.5	51.1	68.9	91.1	45.9	59.0	71.9	151.3	104.6	86.6	127.5	132.5	62.4	73.9	122.5	56.1
2042	8	60.4	71.9	23.1	145.9	32.0	65.4	35.0	115.1	43.2	80.6	29.1	48.2	55.5	87.5	23.1	43.4	32.3	129.1	48.8	128.7	145.9	100.2	79.5	47.4	82.8	111.2	133.1	28.7
2042	9	60.6	63.3	16.1	120.6	22.2	52.5	38.1	66.2	36.8	59.8	110.7	38.1	97.7	46.2	53.3	91.7	63.9	43.2	104.5	70.8	39.8	90.5	16.1	120.6	19.2	61.3	94.4	80.5
2042	10	27.5	34.6	11.5	79.4	11.5	78.9	60.4	18.2	46.3	25.8	27.5	27.4	34.6	25.5	32.4	16.3	42.2	17.4	22.7	23.9	33.6	34.8	23.9	79.4	50.4	16.3	55.5	26.5
2042	11	28.2	32.5	9.2	73.0	22.9	22.7	27.0	49.3	25.0	14.9	61.5	29.4	48.6	18.4	25.6	9.2	29.7	51.7	12.8	73.0	16.2	36.1	22.6	17.5	35.6	29.3	56.4	45.3
2042	12	26.3	26.4	7.9	46.0	39.3	44.4	39.0	9.8	7.9	24.2	8.7	21.9	28.0	26.5	24.4	28.5	29.1	25.8	39.1	46.0	33.7	35.9	14.2	26.0	24.9	7.9	38.3	8.9
2043	1	24.0	25.6	13.5	38.9	34.1	38.9	24.8	36.4	14.4	30.1	30.7	34.0	14.4	30.8	26.8	13.5	17.9	33.8	19.2	20.9	23.2	15.4	34.3	20.6	38.3	22.4	14.3	20.2
2043	2	18.7	20.5	7.8	39.2	11.5	21.3	22.2	12.4	29.7	16.6	39.2	15.2	23.5	20.3	28.9	16.5	7.8	19.3	18.1	18.0	16.8	23.3	28.5	15.9	17.0	13.5	23.3	32.7
2043	3	18.5	19.2	2.4	38.7	34.1	20.0	31.9	38.7	15.4	13.2	11.7	29.2	25.2	15.3	28.3	8.1	2.4	32.4	23.1	28.2	17.8	8.9	4.9	16.2	28.4	19.3	14.4	11.0
2043	4	15.2	17.5	0.7	42.1	19.6	8.3	14.1	42.1	15.2	8.8	20.3	9.1	6.9	5.6	17.2	16.1	15.2	33.3	29.4	0.7	23.1	28.3	12.3	19.3	14.0	44.4	20.8	48.8
2043	5	30.1	34.3	10.7	81.5	31.1	41.4	28.0	11.6	27.5	15.1	33.7	41.9	22.6	30.1	42.3	26.5	28.0	27.6	22.1	63.5	43.2	18.9	51.5	81.5	10.7	11.1	38.5	13.5
2043	6	46.7	51.2	8.9	121.9	56.6	73.1	71.4	22.2	42.3	81.0	46.9	79.4	17.7	112.0	38.8	73.8	14.7	66.6	50.6	23.7	59.5	43.7	46.4	8.9	34.9	24.3	121.9	18.2
2043	7	71.1	85.0	34.2	217.2	82.5	55.4	81.3	159.6	89.3	68.3	60.9	74.0	217.2	55.5	51.2	46.4	171.3	100.1	130.6	44.9	117.1	34.2	57.0	56.7	50.8	77.9	109.1	48.5
2043	8	53.6	57.4	19.4	118.0	46.3	50.8	70.0	118.0	82.1	77.4	36.9	19.4	24.1	46.4	57.2	60.7	51.2	41.9	64.8	51.1	37.2	27.1	62.8	84.4	90.1	91.4	56.0	30.4
2043	9	58.1	58.5	24.6	114.0	77.6	24.6	36.2	36.3	30.1	82.0	26.7	58.9	110.9	40.9	114.0	102.0	30.8	45.1	40.1	41.1	57.7	70.8	42.3	71.1	58.6	63.8	67.7	74.6
2043	10	36.0	35.9	15.9	61.1	15.9	50.8	43.2	45.9	30.8	61.1	21.6	44.7	31.0	28.1	33.8	26.5	30.5	21.4	16.4	28.6	52.7	17.2	43.7	53.1	40.0	50.4	26.8	38.1
2043	11	32.6	32.8	17.1	58.1	23.5	53.2	32.3	41.3	37.0	51.1	58.1	24.1	20.2	32.8	17.1	38.6	41.2	21.8	38.9	25.5	38.9	35.5	36.8	23.9	20.1	26.6	21.1	28.1
2043	12	25.3	27.4	8.8	54.4	37.5	14.4	32.8	20.9	8.8	15.2	29.1	24.5	28.5	54.4	38.8	26.6	16.8	41.2	24.5	24.4	43.1	41.1	12.2	9.3	46.6	32.7	21.5	14.2
2044	1	24.3	25.6	8.9	62.9	27.1	30.6	15.1	8.9	24.3	20.6	26.4	20.6	25.3	28.4	17.7	15.9	62.9	24.3	25.1	14.4	15.7	36.0	23.4	21.2	37.6	18.5	44.1	29.1
2044	2	16.1	19.9	5.7	70.9	22.5	16.3	25.5	29.0	21.6	7.1	17.2	24.4	13.0	9.2	28.2	6.1	70.9	15.8	8.3	7.4	6.4	27.2	15.0	38.5	5.7	11.3	15.1	35.8
2044	3	17.8	18.5	7.4	39.9	18.5	24.4	16.4	16.6	7.4	25.2	14.4	39.9	10.7	25.2	9.6	17.0	13.2	21.1	10.5	20.9	22.3	10.8	24.7	15.7	9.1	25.3	24.9	20.3
2044	4	20.4	23.2	5.1	43.8	19.0	25.8	21.9	30.8	5.1	14.0	39.3	43.8	31.2	12.0	15.3	31.1	7.7	24.9	10.2	7.2	22.7	13.6	29.3	32.8	15.8	14.7	29.8	9.8
2044	5	32.5	30.9	11.0	70.8	31.2	21.4	27.9	46.4	38.6	13.4	37.8	79.8	22.9	57.1	35.2	20.1	11.0	29.9	11.7	31.8	32.4	54.3	33.7	47.8	24.2	23.0	40.6	48.8
2044	6	52.4	65.9	22.4	156.6	54.6	46.7	108.4	154.0	54.1	102.1	51.5	99.1	26															

2048	4	23.1	22.4	6.6	58.8	39.6	23.3	7.1	28.8	11.6	35.5	23.5	35.7	27.1	7.5	16.6	58.8	18.4	13.0	24.8	34.5	11.6	6.6	14.5	25.3	10.6	11.9	27.3	22.9	
2048	5	29.9	35.3	11.6	70.0	13.3	19.0	29.0	64.1	30.3	11.6	52.7	23.3	28.9	70.0	48.3	58.3	49.2	32.1	17.2	52.1	44.2	40.8	33.2	19.4	28.1	29.4	24.1	29.2	
2048	6	54.0	56.8	22.5	117.9	74.2	37.8	57.0	66.7	68.0	45.1	40.2	62.5	102.0	54.1	53.9	41.9	75.2	26.9	36.8	35.2	53.3	117.9	76.1	59.1	72.0	22.5	42.1	42.3	
2048	7	68.2	83.1	26.9	226.0	90.6	45.3	82.6	92.0	94.0	85.0	94.9	90.6	70.8	45.5	86.0	105.6	52.6	114.6	226.0	60.9	79.4	53.7	87.4	63.6	48.5	128.4	48.5	81.1	
2048	8	83.8	87.2	15.2	147.1	23.1	29.1	139.9	79.4	100.2	80.4	44.1	96.4	43.8	73.9	31.7	147.1	59.9	45.9	97.8	61.5	75.5	15.2	41.3	66.1	70.4	89.4	82.3	138.3	
2048	9	45.5	48.8	8.2	97.9	45.8	19.6	8.2	44.9	70.9	86.2	35.1	58.4	67.0	32.4	59.2	27.6	42.7	57.7	97.9	34.1	52.0	60.6	56.0	40.3	36.7	51.7	45.3	40.4	
2048	10	30.3	30.5	15.9	42.9	23.9	15.8	41.6	41.4	53.7	45.6	26.9	29.0	28.0	16.6	16.6	33.8	23.5	23.4	38.8	30.3	37.4	25.3	31.7	32.1	31.4	32.3	24.9	54.6	
2048	11	31.6	30.8	14.9	54.6	43.1	17.8	32.1	36.3	44.3	31.4	20.1	27.7	25.3	20.9	14.9	42.3	32.5	38.4	27.0	32.8	25.0	30.3	16.9	27.1	33.7	31.8	27.0	40.0	
2048	12	28.4	30.7	12.5	62.1	28.9	33.9	18.5	56.6	29.5	20.5	12.5	15.9	38.1	20.5	17.7	33.6	62.1	27.5	17.0	42.8	52.8	33.2	33.8	17.4	48.5	27.8	25.0	21.4	
2049	1	21.9	25.2	9.3	42.8	35.8	23.6	24.3	17.2	33.8	42.8	21.4	33.9	16.6	19.8	14.6	20.9	20.5	35.8	35.8	12.6	17.7	20.3	38.3	9.3	40.1	27.0	22.4	20.4	
2049	2	19.2	22.7	5.4	46.1	31.2	46.1	9.4	17.3	22.0	33.6	26.2	16.2	33.6	12.3	30.3	18.7	8.2	12.9	43.8	18.7	7.8	32.0	34.8	5.4	17.0	19.7	32.8	15.6	
2049	3	13.9	15.4	0.6	34.7	5.5	13.2	7.4	27.9	29.9	12.9	14.6	6.9	0.6	9.9	27.3	5.5	9.5	6.8	21.8	4.2	20.4	16.2	34.7	20.5	19.1	0.8	26.3	28.6	
2049	4	15.9	21.3	4.4	63.0	18.7	25.8	12.0	15.8	36.5	61.9	13.4	13.0	19.6	13.2	37.7	16.0	25.0	26.0	11.5	10.0	7.2	63.0	8.8	14.2	24.3	4.4	20.2	14.1	
2049	5	28.4	33.2	7.8	99.4	13.1	19.8	39.1	18.8	55.8	45.1	23.8	16.9	15.1	38.9	43.5	65.4	99.4	10.8	14.6	20.1	12.1	50.1	17.0	46.7	7.8	44.4	33.1	42.6	20.1
2049	6	52.8	58.1	16.5	134.6	22.2	86.6	65.3	52.6	66.1	80.9	28.7	52.9	79.2	16.5	53.2	102.1	54.3	108.8	134.6	45.3	33.6	43.2	48.6	99.7	31.1	17.8	34.1	37.1	
2049	7	103.8	99.4	99.4	170.5	52.7	133.7	121.7	111.8	98.4	108.2	170.5	110.5	110.2	93.1	101.7	106.6	104.5	18.7	71.8	103.2	106.9	79.7	99.8	90.5	59.9	123.2	151.3	58.2	
2049	8	57.1	65.7	26.5	114.3	29.1	67.0	50.5	94.8	54.7	108.8	54.9	37.7	73.5	105.6	26.5	53.7	91.8	96.1	93.3	114.3	57.2	67.6	39.9	44.4	28.9	57.0	53.1	76.7	
2049	9	63.5	68.0	16.7	112.1	16.7	37.8	40.1	52.8	61.9	107.4	101.5	63.5	43.2	88.8	67.0	97.5	86.9	112.1	101.6	97.4	86.7	65.8	63.4	59.3	33.9	27.0	45.0	45.4	
2049	10	37.5	36.3	16.5	66.5	66.5	41.1	50.3	21.7	43.7	47.2	16.5	18.7	31.9	46.5	42.7	24.9	43.2	25.5	53.5	19.5	17.1	32.2	45.6	33.9	62.3	21.8	19.2	50.0	
2049	11	32.4	32.5	16.4	53.2	33.0	23.3	26.1	46.6	16.4	35.3	50.1	42.0	31.6	31.8	46.0	52.7	27.8	53.2	19.6	19.5	41.1	43.3	28.8	52.8	28.8	31.5	18.6	45.3	
2049	12	27.2	27.0	7.2	45.7	27.0	41.1	22.8	25.1	21.8	32.4	31.8	29.0	7.2	24.2	31.2	45.7	33.3	31.4	25.7	31.9	30.8	29.2	13.9	23.4	18.2	23.6	27.4	19.5	
2050	1	25.5	25.7	3.0	44.0	21.7	28.6	32.7	22.5	23.6	16.1	18.8	16.2	14.7	36.3	25.4	44.0	40.8	32.0	28.1	13.8	36.9	35.0	25.7	3.0	29.4	16.6	24.4	30.1	
2050	2	19.2	19.1	5.1	35.8	24.3	11.6	13.2	19.2	8.1	9.1	31.8	26.1	15.2	25.8	35.8	33.4	14.3	24.4	20.2	13.8	12.7	19.1	9.7	5.1	24.9	13.4	25.2	22.6	
2050	3	20.9	21.3	0.6	54.3	26.7	1.7	18.3	18.2	54.3	20.7	21.1	26.2	21.8	9.5	28.8	9.6	0.6	23.7	26.6	43.3	22.7	28.9	18.5	7.8	28.0	13.5	20.6	20.9	
2050	4	26.3	28.2	2.1	62.8	53.8	15.2	16.6	2.1	43.0	26.7	24.7	52.3	27.9	33.8	43.5	23.2	29.6	33.8	35.2	26.9	17.6	10.8	62.8	24.2	19.7	3.4	25.8	23.6	
2050	5	37.4	40.0	12.2	91.3	18.1	12.2	17.6	37.5	18.9	53.3	38.3	50.6	22.0	46.3	33.1	39.7	32.1	37.3	13.2	40.4	91.3	31.8	68.2	77.2	30.5	25.7	42.7	81.3	
2050	6	45.3	47.6	8.4	103.1	45.9	44.4	8.4	54.6	30.8	65.3	47.8	68.8	65.0	38.8	38.4	44.0	28.9	22.5	103.1	46.2	34.2	52.5	32.3	96.4	40.5	47.1	49.2	27.2	
2050	7	66.9	83.0	34.4	187.5	170.4	187.5	40.2	125.8	59.2	64.7	62.5	51.6	85.6	88.5	64.8	56.0	88.1	34.4	143.2	78.8	65.3	123.7	49.1	68.4	62.2	89.3	69.6	55.0	
2050	8	66.4	71.5	15.8	155.6	53.4	155.6	77.1	66.0	102.6	68.7	83.1	114.7	45.8	42.0	21.7	88.4	143.3	30.7	66.7	38.1	152.1	59.3	39.9	43.0	68.2	53.9	15.8	86.1	
2050	9	57.6	61.6	15.7	130.4	77.7	45.5	37.7	54.7	50.6	29.3	70.6	81.5	82.5	94.0	130.4	43.1	58.9	57.2	80.8	65.4	46.0	98.9	103.4	58.1	15.7	20.4	33.4	43.6	
2050	10	27.8	29.7	8.2	55.5	29.3	26.4	28.6	37.2	23.0	32.6	50.3	31.7	23.3	27.3	40.4	55.5	21.1	19.7	31.7	27.9	38.8	25.0	8.2	24.3	27.7	16.1	30.0	27.6	
2050	11	31.8	32.3	9.5	50.1	33.6	42.1	46.7	46.2	48.0	32.2	42.1	46.0	44.0	35.2	44.0	35.8	25.2	23.8	14.9	48.2	31.9	24.8	18.2	35.7	50.1	32.1	23.0	31.9	
2050	12	26.6	29.0	14.6	60.8	73.7	41.9	27.2	40.7	60.8	22.0	21.8	14.6	17.1	28.1	26.0	18.9	30.4	39.5	42.3	16.5	22.5	21.0	24.5	16.1	27.8	14.6	15.6	38.1	
2051	1	24.6	25.0	8.0	42.8	8.0	16.9	34.8	16.8	16.5	36.8	28.8	19.0	23.4	29.4	28.2	23.0	42.8	25.2	16.8	32.4	15.0	11.6	12.9	42.4	26.3	16.3	33.7	20.1	
2051	2	17.1	18.0	5.1	38.3	22.5	19.2	17.4	25.3	13.0	37.8	28.1	11.7	38.3	6.1	25.9	5.6	7.1	17.7	13.9	11.8	15.5	11.7	21.2	27.9	10.8	16.8	22.6	5.1	
2051	3	17.9	21.4	2.0	60.0	14.8	32.4	29.3	18.8	2.0	15.7	23.1	29.0	5.2	17.0	9.1	60.0	22.8	9.1	24.2	20.7	14.4	33.0	15.2	5.8	50.3	15.6	29.3	16.9	
2051	4	21.0	22.5	2.9	57.0	41.2	20.6	44.8	20.9	11.7	23.9	26.1	57.0	15.1	12.8	11.4	46.4	21.0	21.8	16.4	24.9	5.9	34.9	7.2	8.6	21.1	16.9	25.5	2.9	
2051	5	33.5	39.3	11.3	83.0	29.0	16.6	20.7	69.5	51.7	23.4	83.0	66.0	32.4	44.3	34.6	82.4	11.3	22.8	50.9	19.7	62.6	25.1	34.8	69.5	15.0	17.5	45.5	14.5	
2051	6	62.3	66.8	22.1	148.5	44.5	35.7	66.2	106.4	68.4	55.1	114.3	84.3	65.0	30.2	35.3	46.5	49.8	28.8	22.1	109.1	79.9	59.7	109.1	74.0	148.5	44.3	70.4	56.4	
2051	7	82.4	86.1	37.3	164.7	57.8	109.5	86.9	136.5	104.8	64.6	150.8	92.5	45.1	164.7	80.1	107.8	51.1	71.7	37.3	97.5	46.3	118.7	84.6	136.5	65.0	69.4	57.7	45.1	
2051	8	65.3	68.3	13.6	123.4	115.8	64.1	66.6	54.2	67.6	123.4	63.5	62.3	80.0	60.9	88.2	59.9	46.2	66.5	83.3	75.9	80.3	59.5	13.6	47.1	44.0	91.7	56.1	67.6	
2051	9	63.6	64.5	20.8	113.7	63.3	108.7	50.8	23.8	69.3	108.1	24.5	27.9	54.4	97.7	91.0	76.2	64.6	51.6	76.6	60.4	54.5	61.9	63.8	113.7	20.8	74.2	72.9	36.7	
2051	10	29.6	31.5	14.8	59.7	16.2	16.9	26.8	43.3	36.1	35.0	18.8	24.5	39.8	30.1	30.9	20.3	37.0	55.0	24.7	21.1	29.1	49.7	44.9	28.4	59.7	30.0	23.7	14.8	
2051	11	33.9	36.9	18.8	66.4	30.9	66.4	42.7	47.8	32.5	39.9	41.1	28.5	45.7	56.9	34.0	51.3	32.0	25.3	27.2	24.4	24.9	33.9	32.8	20.2	54.4	37.4	18.8	35.9	
2051	12	29.0	32.6	13.3	51.3	28.9	49.3	29.2	38.3	23.6	32.2	32.2	21.1	13.3	25.2	51.3	35.0	25.3	51.0	35.5	26.4	40.6	30.4	22.0	17.2	18.5	50.8	30.8	29.6	
2052	1	26.1	27.8	15.1	49.9	35.3	25.1	17																						

2055	11	35.5	33.5	8.3	56.9	48.4	38.8	38.4	24.1	19.9	32.6	50.0	36.6	38.5	24.3	36.0	35.1	50.9	33.1	29.4	8.3	45.9	22.5	9.1	38.7	23.2	42.9	56.9	20.0
2055	12	32.2	30.5	7.1	51.7	22.4	34.1	46.4	32.5	51.7	36.9	51.1	48.7	23.5	17.9	26.5	45.7	7.1	11.5	33.7	23.5	32.4	20.0	32.7	34.4	16.4	32.0	28.0	21.5
2056	1	26.7	24.8	9.0	52.4	28.3	18.6	19.8	31.2	26.3	17.3	27.4	27.3	27.4	31.8	9.0	27.0	12.5	20.9	19.1	17.4	12.7	52.4	29.0	43.2	34.0	18.3	27.7	17.3
2056	2	22.4	24.2	5.7	48.8	40.1	30.1	14.2	23.7	18.3	14.3	24.2	48.8	48.1	41.2	21.4	18.9	6.3	24.0	21.5	14.1	5.7	21.2	29.4	12.6	23.4	14.4	40.3	24.5
2056	3	21.2	21.8	6.9	54.7	32.0	12.4	22.6	26.5	36.7	30.1	15.1	13.6	16.4	27.6	13.0	11.1	54.7	6.9	23.4	20.2	5.0	21.2	22.3	18.1	25.0	13.7	26.3	11.9
2056	4	15.3	21.8	3.2	74.5	41.2	10.5	22.2	12.4	16.3	30.2	4.8	3.3	15.7	14.9	23.5	6.3	3.2	18.6	37.0	3.6	14.2	12.1	63.9	74.5	7.4	37.3	13.7	36.1
2056	5	33.1	37.5	0.9	31.2	27.6	21.2	29.2	32.1	29.2	32.9	24.3	18.7	33.3	22.2	17.7	19.9	59.8	0.9	38.6	5.1	49.1	31.9	48.6	60.0	13.5	48.6	52.8	52.8
2056	6	53.0	58.4	10.3	113.8	54.0	56.3	108.3	50.8	10.3	30.3	77.4	44.9	41.3	51.1	76.6	48.7	36.1	36.9	94.8	77.6	58.6	80.6	113.8	13.5	71.4	51.9	72.7	34.1
2056	7	85.5	81.6	11.2	210.9	95.5	91.4	65.9	119.7	49.5	74.7	101.5	33.2	88.8	62.7	93.9	131.0	87.8	90.6	34.1	83.2	210.9	11.2	109.1	90.4	64.5	67.5	54.8	45.4
2056	8	53.4	57.7	5.6	138.5	45.3	95.4	54.8	99.7	5.6	40.8	22.0	44.0	44.6	40.0	21.3	38.5	60.9	42.2	60.3	99.8	138.5	78.5	52.0	43.4	72.7	62.0	63.8	59.4
2056	9	62.2	62.0	13.6	121.6	41.2	88.0	95.6	74.8	23.7	30.6	45.8	77.6	44.8	97.7	109.6	34.7	121.6	67.3	68.9	41.7	77.2	43.8	94.0	60.7	63.6	13.6	34.6	36.3
2056	10	34.0	36.5	13.2	66.4	13.2	50.2	63.8	73.7	25.9	34.2	39.0	28.6	44.2	30.5	43.2	32.7	16.7	23.8	17.2	42.6	26.2	66.4	55.6	42.5	45.8	28.6	42.7	29.1
2056	11	29.6	30.7	7.5	63.8	45.2	32.8	26.1	20.6	25.2	38.0	36.2	63.8	35.7	32.0	25.4	34.7	21.2	37.5	29.1	18.8	29.7	29.5	34.9	7.5	50.0	25.0	19.3	18.9
2056	12	28.5	28.5	15.2	61.3	30.1	21.6	16.4	30.6	27.9	19.0	41.6	38.6	28.1	16.4	28.8	29.2	16.5	33.6	16.0	30.0	37.5	15.2	34.7	18.5	22.5	28.1	61.3	40.9
2057	1	23.5	28.5	11.6	58.7	40.3	11.6	23.6	20.4	39.8	23.4	39.0	23.7	17.8	37.1	14.8	38.8	20.9	25.3	17.7	19.8	37.8	58.7	20.2	19.3	56.1	20.7	23.3	34.0
2057	2	20.6	20.4	6.2	50.0	22.4	7.6	24.6	21.4	18.6	38.4	22.3	13.3	33.6	14.0	9.7	15.0	23.2	17.4	50.0	6.2	25.7	22.3	8.4	10.2	29.0	28.7	7.4	19.7
2057	3	17.4	20.6	2.8	45.3	37.2	17.5	8.4	13.8	22.3	16.4	17.3	27.8	16.5	23.0	23.5	45.3	16.2	7.6	16.9	43.4	2.8	15.9	28.7	18.4	8.4	32.7	12.9	21.1
2057	4	20.6	23.6	4.1	66.0	66.0	12.2	30.0	12.5	18.4	21.4	52.1	18.4	26.0	21.0	29.1	22.7	20.2	22.0	18.7	5.5	4.1	19.4	16.8	29.9	24.9	19.8	42.9	6.2
2057	5	46.9	45.2	9.3	102.9	44.5	17.0	19.8	82.1	83.3	50.6	53.2	49.5	24.2	18.1	21.7	81.7	13.2	62.8	19.1	77.6	56.4	28.8	33.0	30.1	64.3	102.9	49.4	9.3
2057	6	55.3	56.2	15.3	137.0	24.7	58.3	76.5	65.3	31.8	54.1	29.5	21.7	91.6	80.8	49.6	50.9	43.9	24.8	62.5	137.0	45.5	97.6	56.6	39.0	60.3	62.8	15.3	68.0
2057	7	71.0	71.0	14.4	143.4	50.4	143.4	82.8	126.5	80.7	83.0	32.6	101.3	31.3	101.2	53.3	115.4	41.5	74.5	59.6	67.6	97.6	50.9	41.8	47.0	14.4	16.0	93.8	97.6
2057	8	67.9	67.8	26.4	117.4	27.8	79.7	26.4	68.8	45.3	83.6	36.5	63.3	42.6	117.4	43.8	92.0	91.0	74.2	90.2	58.8	79.1	108.5	50.1	47.5	97.3	66.3	70.4	67.0
2057	9	62.4	64.4	11.0	147.5	32.2	85.1	93.2	106.7	58.1	147.5	29.1	73.1	23.0	36.2	75.3	105.5	112.4	82.8	48.8	49.8	85.5	34.9	75.9	48.6	16.9	11.0	68.7	
2057	10	34.7	34.2	12.5	60.3	36.9	12.5	60.3	22.2	20.5	40.9	16.0	49.2	49.1	35.9	25.9	38.1	40.9	33.5	42.0	31.1	53.9	31.4	25.4	27.6	39.1	16.8	53.1	17.6
2057	11	31.2	31.6	14.3	52.8	39.6	30.7	17.9	52.8	31.6	43.7	37.4	32.3	14.3	42.9	24.6	35.3	28.8	18.6	45.8	30.8	29.0	35.1	20.2	39.6	46.0	17.9	20.3	24.3
2057	12	29.3	32.3	11.4	67.5	38.5	38.9	41.9	27.1	39.5	26.4	25.0	67.5	28.8	29.5	11.4	33.1	24.2	19.8	32.6	11.4	54.3	26.3	39.0	29.1	29.6	51.7	22.6	26.2
2058	1	25.3	27.5	12.5	50.6	30.8	33.8	44.5	25.9	19.0	33.0	19.1	14.6	43.7	16.4	35.5	18.1	24.7	50.6	22.4	33.7	28.0	33.8	27.1	12.5	23.6	19.4	20.8	20.8
2058	2	17.8	20.5	0.8	42.9	17.5	22.4	16.6	14.3	8.0	29.5	27.0	13.9	15.7	12.7	42.9	22.1	14.1	20.7	2.9	41.3	0.8	23.6	7.6	35.4	16.6	27.7	18.2	39.9
2058	3	22.5	24.4	8.6	50.9	15.9	24.5	25.1	47.5	17.8	30.0	24.0	19.3	17.7	28.5	22.4	13.2	24.2	17.4	16.0	32.6	8.6	14.8	28.4	50.9	15.2	50.3	22.6	
2058	4	23.1	23.8	8.5	50.5	15.9	35.5	8.5	13.0	41.9	20.1	17.4	16.7	15.0	28.8	26.6	50.5	29.2	14.6	16.3	24.0	36.5	28.7	22.8	24.2	30.7	10.6	23.5	19.8
2058	5	30.5	34.2	10.9	86.2	13.8	30.6	58.3	63.6	11.0	47.0	35.4	19.2	31.1	27.7	39.3	66.2	10.9	19.9	20.2	38.9	33.2	86.2	26.8	33.2	30.5	27.8	27.2	26.2
2058	6	42.6	47.3	18.7	90.2	49.8	51.4	23.4	49.2	39.9	37.2	33.2	42.8	36.9	51.4	29.4	42.8	39.4	19.6	57.9	23.4	64.5	54.2	50.2	38.5	54.2	54.2	54.2	54.2
2058	7	80.1	85.3	38.5	160.1	81.5	38.5	8.8	112.3	78.6	135.9	69.6	63.5	94.7	109.9	50.4	77.2	111.1	87.5	85.7	136.1	78.8	89.8	127.8	160.1	69.1	44.9	39.8	22.7
2058	8	62.7	67.6	21.7	128.0	93.4	60.1	70.6	37.0	51.4	49.1	45.7	81.2	63.9	87.6	128.0	85.3	43.9	111.0	86.1	56.6	61.5	45.3	47.5	91.7	94.7	21.7	73.7	35.7
2058	9	60.3	58.6	19.4	131.0	65.3	55.2	69.5	103.5	69.1	67.5	46.9	63.0	63.6	36.9	43.7	54.5	68.5	65.3	57.6	131.0	37.9	73.8	48.8	63.7	19.4	35.1	32.8	33.0
2058	10	33.1	33.5	9.8	59.4	48.4	27.8	57.5	19.0	37.3	25.5	19.8	15.8	59.4	33.0	21.8	42.0	36.6	37.8	9.8	36.9	25.3	29.1	23.6	33.3	40.8	53.1	40.7	30.2
2058	11	33.7	34.5	2.6	56.1	33.5	33.9	2.6	29.4	30.7	38.5	49.2	36.4	32.9	54.0	23.7	19.7	28.7	25.7	27.8	26.4	42.7	45.2	35.9	30.3	38.6	47.8	56.1	39.4
2058	12	31.4	32.5	8.1	54.3	31.6	41.3	13.2	44.8	36.8	40.3	46.6	24.9	21.5	47.4	17.5	22.2	26.4	26.5	54.3	26.0	28.5	43.8	31.2	48.8	8.1	24.1	32.4	41.7
2059	1	24.0	26.8	5.2	60.9	60.9	35.4	20.9	35.9	24.0	31.2	38.9	10.9	17.2	19.7	17.7	24.7	23.8	17.2	33.4	25.4	21.5	46.4	29.1	5.2	19.5	39.6	24.0	21.8
2059	2	19.8	19.8	4.8	49.3	11.6	4.8	20.8	18.9	7.8	11.3	49.3	36.6	12.9	25.4	25.9	10.5	21.1	10.5	15.5	6.6	15.9	32.6	24.6	20.9	29.7	9.3	32.3	20.8
2059	3	18.4	19.3	7.1	38.0	21.2	10.9	16.9	17.6	19.8	38.0	16.7	21.3	18.6	29.1	14.2	7.1	18.1	19.3	14.5	9.0	9.8	26.9	10.3	24.2	22.3	15.7	29.1	32.5
2059	4	19.6	20.7	0.9	48.3	19.1	26.5	13.2	11.3	33.3	17.6	9.1	20.5	31.1	8.7	4.0	25.4	19.3	31.0	5.0	13.5	0.9	6.0	26.8	36.6	45.5	19.9	25.4	48.3
2059	5	41.4	44.2	8.9	83.7	15.2	57.1	53.8	83.7	25.4	46.1	51.5	42.1	38.5	33.2	38.1	38.9	41.5	30.7	71.5	21.5	26.6	65.3	67.0	19.9	74.1	52.6	8.9	54.1
2059	6	60.9	59.5	16.1	129.1	32.6	47.3	75.4	47.6	69.9	91.6	68.5	121.2	57.3	57.9	42.0	30.6	72.2	32.1	62.1	64.5	51.7	48.1	67.2	78.4	76.5	71.2	16.1	35.3
2059	7	46.1	71.5	38.2	145.5	37.9	96.2	92.1	25.9	66.9	65.9	68.1	62.2	100.0	114.6	90.2	61.6	145.5	64.0	49.7	61.4	38.2	76.1	57.4	77.1	66.2	52.9	41.3	28.6
2059	8	57.3	62.9	13.7	126.6	57.6	54.6	87.4	28.4	65.1	97.0	13.7	50.7	53.9</															

2063	6	65.5	64.6	26.8	93.0	76.2	45.6	92.8	27.9	69.3	57.6	70.0	57.4	62.3	26.8	39.2	86.7	66.4	37.9	93.0	70.3	62.7	85.1	92.8	85.0	53.5	64.7	60.3	66.2	
2063	7	74.7	91.9	39.3	236.8	53.5	159.4	77.5	69.8	43.9	144.4	70.3	83.4	98.8	81.2	236.8	59.1	55.2	39.3	152.4	58.8	93.0	69.2	71.3	149.1	67.0	71.9	105.6	95.9	
2063	8	62.8	61.8	15.7	110.8	34.8	58.5	63.1	79.8	68.9	58.2	73.3	22.9	66.9	83.2	100.0	74.9	68.3	37.9	110.8	15.7	25.2	63.1	62.6	61.8	53.0	76.1	94.7	52.2	
2063	9	51.7	57.8	24.5	135.7	78.7	63.1	42.6	37.6	90.9	38.9	65.5	51.4	47.7	135.7	74.3	63.2	51.9	32.5	68.7	32.1	47.6	27.1	69.4	42.0	50.3	106.8	64.7		
2063	10	31.9	37.4	14.1	82.2	25.2	31.7	33.9	16.6	43.2	38.9	31.2	23.4	14.1	17.1	35.5	60.4	56.2	47.8	20.5	30.1	27.5	53.7	26.9	58.1	25.2	32.2	18.1	82.2	63.8
2063	11	35.9	37.3	11.0	63.5	32.4	52.0	32.3	25.6	11.0	52.3	22.9	63.5	30.5	24.8	42.1	53.0	12.5	26.2	44.3	34.8	45.8	37.0	18.8	45.7	60.4	44.6	54.9	27.8	
2063	12	31.6	47.1	47.1	48.3	44.0	36.4	37.7	11.1	48.3	16.3	37.7	18.9	27.0	33.8	26.9	31.0	15.2	32.7	24.5	32.7	39.1	33.3	38.7	27.0	4.7	19.6	36.8	37.0	
2064	1	27.6	28.2	8.6	68.2	19.3	29.3	24.8	19.3	30.2	38.5	12.3	39.3	32.5	15.1	29.1	20.2	68.2	37.0	27.2	32.9	31.0	25.2	13.8	21.4	18.9	29.5	28.0	28.3	8.6
2064	2	22.0	22.9	12.6	40.2	30.2	21.3	26.9	21.9	31.0	24.0	22.3	27.8	19.5	32.3	15.5	15.1	17.0	27.3	22.2	29.1	17.2	13.7	40.2	18.6	16.6	30.4	12.6	16.0	
2064	3	26.3	24.3	9.4	40.8	14.7	21.5	23.7	36.3	14.6	36.2	34.1	10.4	34.5	40.8	10.7	32.4	31.1	12.6	12.0	9.4	10.0	13.4	32.6	34.9	34.4	22.5	31.7	29.0	
2064	4	17.3	20.0	6.9	46.0	45.3	28.6	20.4	8.3	36.4	15.6	12.9	46.0	18.1	6.9	19.2	11.1	34.3	10.1	11.1	16.5	29.6	14.2	18.8	8.4	15.2	21.0	20.6	11.1	
2064	5	33.9	37.9	5.9	69.3	60.3	63.1	33.3	19.2	11.7	21.5	69.3	34.0	25.8	34.4	33.8	54.1	66.9	48.5	53.9	5.9	48.3	36.4	24.0	66.3	23.8	22.3	21.2	32.3	
2064	6	49.2	51.8	15.9	110.8	34.7	58.0	30.8	52.6	78.3	49.6	67.2	38.8	90.3	17.5	40.5	49.5	110.8	53.4	48.9	38.9	15.9	47.9	26.0	68.7	96.4	40.1	28.0	61.5	
2064	7	77.0	77.1	40.3	153.1	40.3	53.5	129.3	44.2	153.1	93.4	51.5	46.6	56.3	83.8	82.5	83.9	79.6	91.4	94.2	74.3	91.4	49.9	72.7	136.2	59.4	114.4	29.3	39.7	
2064	8	65.8	73.8	13.5	169.0	63.0	62.2	169.0	68.2	109.7	90.9	40.8	106.1	76.2	59.1	42.5	13.5	44.7	58.5	104.3	65.2	97.1	32.9	100.5	52.9	66.4	130.7	38.1	79.2	
2064	9	56.7	58.7	22.6	99.7	53.0	22.6	46.0	64.1	45.3	40.4	94.4	55.6	59.5	52.4	46.0	99.7	24.5	40.6	30.3	56.6	83.8	73.3	56.8	72.6	58.6	85.5	79.5	67.3	
2064	10	35.2	37.8	11.2	60.5	22.2	22.0	60.5	42.3	52.5	34.3	45.9	52.8	33.0	33.8	32.5	35.7	50.2	34.6	48.3	32.7	17.4	30.4	31.4	47.3	11.2	36.6	51.0	48.8	
2064	11	33.1	32.8	11.7	61.5	49.5	35.3	33.3	21.7	12.7	21.1	42.9	24.9	32.9	25.8	22.9	36.7	44.2	34.6	29.9	13.2	57.7	11.7	39.0	61.5	40.1	29.6	46.9	18.4	
2064	12	33.0	34.1	12.3	75.6	23.7	36.0	21.8	18.1	32.0	39.5	12.3	22.9	19.7	37.5	48.2	44.2	26.4	35.8	51.1	75.6	43.4	37.5	34.1	39.1	23.4	26.8	19.4	21.9	
2065	1	23.9	26.9	2.4	70.6	29.9	18.9	18.9	2.4	23.4	24.3	40.7	32.5	22.2	17.4	42.8	22.4	27.7	46.9	70.6	11.1	28.1	19.1	19.6	27.9	22.7	5.0	38.4	35.5	36.4
2065	2	22.7	23.8	13.1	42.1	20.2	32.7	14.3	14.6	22.0	23.0	25.5	13.1	23.6	38.3	42.1	16.0	17.6	25.7	26.7	27.8	21.7	22.4	18.3	36.0	15.5	24.1	29.5	17.5	28.7
2065	3	19.8	22.3	1.2	45.5	33.9	31.9	25.8	16.0	36.2	15.2	15.2	12.2	19.4	14.2	20.1	17.7	29.8	14.4	25.9	45.5	22.4	16.9	20.4	16.4	25.1	18.5	41.7	1.2	
2065	4	14.8	19.2	0.7	49.7	20.3	13.0	5.5	45.1	11.3	10.8	8.9	19.2	19.0	10.6	12.8	21.0	49.7	19.0	25.7	3.6	7.9	16.6	47.1	33.4	7.3	10.4	0.7	43.2	
2065	5	32.7	34.9	4.4	101.9	26.1	14.9	12.5	33.5	38.2	66.4	19.5	19.3	11.1	17.7	56.5	42.5	33.6	65.8	51.6	24.6	24.4	33.9	101.9	14.0	32.0	4.4	40.4	53.0	
2065	6	53.1	61.7	17.3	123.9	52.4	65.4	116.7	35.2	67.2	36.4	73.0	50.8	88.7	40.9	83.8	117.2	36.8	48.2	59.1	123.9	26.8	27.7	83.8	21.4	45.8	53.7	17.3	115.2	
2065	7	87.1	85.4	19.4	162.5	87.4	88.5	110.0	48.3	64.7	130.1	72.5	19.4	118.6	162.5	119.7	81.2	88.7	70.4	109.2	86.8	48.4	77.8	69.1	99.5	42.6	116.0	97.3	40.8	
2065	8	61.1	60.4	23.2	113.7	38.2	74.9	45.0	44.8	63.2	42.0	29.3	79.5	73.2	48.2	52.4	37.4	69.6	59.0	94.3	102.0	36.9	42.5	76.1	81.0	65.0	113.7	23.2	42.5	
2065	9	53.2	60.1	5.1	108.9	91.7	53.9	55.2	46.7	78.7	47.7	92.9	42.1	108.9	65.4	52.1	43.3	37.4	52.6	50.3	36.7	84.6	99.4	5.1	83.3	69.5	39.0	50.5	56.6	
2065	10	29.1	36.3	6.2	106.7	11.3	26.3	17.2	39.8	88.7	23.8	49.7	30.4	27.1	35.7	16.6	21.9	24.3	37.1	48.4	23.5	27.8	6.2	36.5	26.8	106.7	51.0	48.4		
2065	11	31.3	36.6	18.5	91.6	40.5	54.0	49.0	44.2	26.1	40.3	32.4	42.7	47.0	40.1	26.7	28.2	91.6	24.9	37.8	22.4	25.9	18.5	35.7	27.9	55.8	26.4	26.1	24.4	
2065	12	31.1	30.2	12.9	56.1	31.8	36.1	35.7	23.2	30.3	30.1	13.9	26.9	19.2	30.7	35.6	38.4	29.3	13.1	26.0	45.2	33.9	17.2	17.6	36.0	12.9	39.4	38.7	39.4	
2066	1	38.9	36.1	10.3	46.9	27.1	36.4	29.5	33.8	28.9	30.2	31.9	46.9	24.6	30.2	31.2	29.6	29.5	19.3	14.1	11.1	10.6	13.9	36.2	23.3	18.7	32.4	25.4	32.4	
2066	2	20.8	22.9	11.0	40.7	24.1	18.9	19.5	19.2	24.6	11.7	14.8	35.5	39.0	38.4	17.6	11.0	25.4	21.6	19.9	18.4	11.6	31.0	22.2	12.0	28.2	25.8	18.7	40.7	
2066	3	19.0	20.8	5.4	53.9	12.8	32.5	22.5	18.0	15.3	24.1	24.9	9.6	37.9	7.5	6.3	11.4	21.4	5.4	14.1	53.9	20.0	13.6	10.1	42.4	23.3	14.4	30.8	27.4	
2066	4	25.0	22.7	2.2	48.9	18.2	25.5	19.7	15.8	24.8	6.4	27.9	18.2	33.9	2.6	16.2	26.3	14.8	25.9	44.6	48.9	32.8	30.8	2.2	33.9	12.8	11.4	25.1	25.8	
2066	5	37.9	39.9	4.9	92.0	70.3	43.6	36.5	92.0	42.8	12.2	45.3	17.9	60.9	39.9	16.4	29.6	38.5	36.1	33.4	63.2	26.9	4.9	37.9	63.2	28.0	48.6	30.6	37.9	
2066	6	62.2	64.2	21.2	120.9	51.5	90.8	58.9	120.9	59.6	66.1	42.5	65.8	51.7	117.2	80.3	72.0	87.0	54.1	105.3	46.4	31.7	21.2	80.2	64.8	69.5	22.0	31.7	49.1	
2066	7	60.2	75.3	28.1	177.9	56.2	177.9	52.9	52.9	66.5	39.4	47.6	28.1	116.1	115.3	61.4	162.4	81.5	51.0	95.8	60.6	59.6	108.8	52.2	51.7	86.6	59.8	47.4	68.1	
2066	8	57.7	65.2	23.5	183.4	23.5	63.7	84.4	64.5	67.1	74.0	51.2	48.6	50.5	42.1	41.0	31.9	67.7	94.4	100.7	37.9	134.2	55.0	58.5	65.4	29.0	183.4	56.8	39.1	
2066	9	45.1	51.9	10.0	102.3	71.2	61.3	10.0	51.1	19.2	85.6	65.5	77.5	42.7	43.4	25.6	38.5	102.3	34.8	82.3	36.5	52.9	64.3	26.9	44.2	45.9	27.1	94.5	42.0	
2066	10	34.8	35.6	2.5	82.1	14.7	45.4	2.5	21.0	39.3	45.5	31.6	82.1	36.1	23.0	31.6	33.7	58.7	23.5	31.0	38.7	44.1	27.4	46.7	36.0	50.7	19.3	41.2	30.7	
2066	11	29.7	31.9	6.6	64.6	41.0	31.9	10.7	39.8	17.7	35.8	6.6	22.1	27.8	27.9	61.5	20.9	21.9	16.3	24.3	34.0	35.8	29.4	64.6	35.8	58.8	18.6	30.0	53.3	
2066	12	31.7	29.3	4.7	55.6	38.2	34.6	35.6	29.3	23.2	34.6	19.1	17.7	55.6	26.1	53.0	39.0	25.8	34.1	43.1	35.5	41.0	27.7	38.3	11.0	15.7	14.9	4.7	36.3	
2067	1	22.0	24.0	11.7	46.2	33.2	21.3	18.0	27.9	21.2	17.4	24.6	23.5	19.2	25.1	21.1	14.8	20.4	21.8	46.2	22.2	33.7	11.7	29.7	29.8	31.6	30.1	17.4	18.0	
2067	2	28.8	30.3	5.9	90.9	30.3	30.1	30.3	28.6	13.3	5.9	41.4	27.4	25.2	37.6	15.9	32.8	8.2	19.4	35.2	10.8	13.6	50.9	42.6	24.4	12.3	32.0	35.0	35.0	
2067	3	16.7	20.8	2.9	53.3	53.3																								

2071	1	29.2	31.7	6.9	63.8	63.8	42.2	19.3	22.6	42.1	19.2	19.5	12.9	32.1	30.9	29.8	22.4	52.2	28.3	54.9	24.7	26.1	34.1	6.9	30.6	63.2	20.3	28.6	33.5
2071	2	27.6	26.2	10.3	42.2	19.7	28.0	28.0	27.0	40.3	23.6	42.2	33.4	18.8	41.1	23.0	28.7	27.3	15.9	13.6	29.5	10.2	10.3	17.0	32.4	33.6	31.8	27.9	24.5
2071	3	21.5	23.6	3.7	89.6	30.9	22.1	3.7	37.1	24.6	34.4	89.6	20.9	9.9	20.2	11.9	13.6	27.0	8.5	24.3	25.7	12.4	14.2	12.8	12.0	30.9	17.3	36.9	25.9
2071	4	20.9	25.0	6.9	75.0	21.0	75.0	18.2	28.3	9.8	11.3	35.4	64.5	8.2	18.9	20.8	23.4	14.1	10.0	7.5	29.1	28.0	45.0	40.5	15.2	25.0	6.9	16.7	26.5
2071	5	44.3	47.4	6.9	155.5	61.9	44.4	25.5	85.6	53.4	21.1	25.2	24.8	42.7	70.8	13.2	52.6	57.3	16.6	34.4	19.4	45.5	44.9	48.4	155.5	121.1	44.1	74.0	10.8
2071	6	64.8	71.2	28.8	144.3	144.3	63.3	57.6	101.5	79.2	70.3	144.3	60.0	47.4	56.3	94.3	51.4	134.5	28.8	62.6	66.4	50.0	82.6	81.5	74.3	54.7	75.7	69.2	58.1
2071	7	86.6	87.9	21.9	144.2	85.4	144.1	23.9	90.1	148.1	59.9	104.9	80.9	75.7	70.9	89.9	107.0	32.5	183.7	87.7	130.6	104.2	104.2	104.2	104.2	104.2	61.7	47.8	101.9
2071	8	63.4	66.3	24.8	108.1	101.5	66.1	52.1	95.9	108.1	42.7	72.4	88.7	56.0	48.5	27.4	60.7	77.1	93.0	55.4	29.2	38.2	87.7	101.2	95.2	76.1	75.0	58.5	24.8
2071	9	43.8	49.2	10.8	124.0	36.2	46.0	67.6	39.3	58.6	62.3	59.7	14.9	27.3	51.5	25.9	81.9	18.1	62.3	124.0	48.1	10.8	41.7	29.6	31.5	32.1	88.7	89.9	31.9
2071	10	40.2	40.0	5.6	79.6	51.8	41.4	40.0	40.4	34.2	42.3	33.6	52.5	53.1	34.9	17.4	79.6	22.8	17.7	65.0	42.7	58.8	23.0	31.3	35.9	61.8	5.6	28.3	65.9
2071	11	36.6	36.2	14.9	62.3	24.1	45.2	37.7	25.3	36.2	24.7	39.7	54.5	22.3	27.9	31.0	28.2	47.8	53.9	41.0	27.7	38.4	14.9	20.1	62.3	53.2	36.9	42.6	33.9
2071	12	29.3	30.9	10.7	62.4	45.2	36.4	25.3	26.8	36.2	18.2	44.3	13.4	20.8	26.5	31.5	29.3	38.3	37.3	20.6	24.2	42.7	30.3	28.2	10.7	47.8	16.4	62.4	29.2
2072	1	27.2	30.3	4.5	88.5	41.1	11.0	43.7	18.4	17.8	41.9	14.9	35.3	19.9	31.1	44.8	29.1	26.0	26.5	37.2	38.2	27.9	14.6	88.5	22.4	19.5	4.5	50.6	22.6
2072	2	21.2	22.9	8.1	53.2	26.1	17.2	9.5	18.1	34.1	17.1	32.4	27.9	37.2	21.2	38.4	12.9	8.1	21.2	22.1	12.4	23.1	25.4	53.2	17.5	17.7	16.0	28.9	12.9
2072	3	22.1	21.5	3.0	40.2	14.0	33.4	23.6	32.5	39.7	27.3	3.7	12.7	20.6	24.0	16.5	24.3	25.6	40.2	8.7	13.5	16.8	3.0	27.0	30.7	17.8	14.6	27.9	18.7
2072	4	20.6	22.0	3.8	50.5	50.5	21.3	11.5	20.0	15.5	7.1	40.4	29.5	24.9	33.6	15.3	16.5	29.3	24.1	14.9	8.2	22.6	30.6	31.4	12.3	3.8	19.5	26.2	19.5
2072	5	33.9	40.5	16.0	106.6	78.1	42.7	20.7	106.6	22.7	21.0	16.8	58.3	32.7	30.2	53.7	81.2	29.1	16.4	35.0	16.0	37.7	20.6	26.4	87.0	43.5	43.8	37.1	20.2
2072	6	57.5	57.4	25.1	116.7	62.7	79.3	35.7	54.4	75.2	81.8	27.7	45.9	25.6	50.8	87.5	71.7	60.7	25.1	50.3	49.9	68.6	33.0	67.9	79.2	32.3	31.9	116.7	63.6
2072	7	81.6	87.8	34.1	149.8	114.9	133.8	63.0	72.9	66.7	80.4	52.5	77.9	45.7	82.9	105.0	117.0	67.1	40.6	84.9	99.7	46.5	442.0	78.5	83.7	34.1	149.8	72.3	96.8
2072	8	56.0	64.0	22.7	150.2	55.5	55.9	22.7	30.3	79.5	53.9	57.9	50.3	57.8	53.4	31.2	79.9	150.2	66.9	92.4	121.4	107.6	56.0	63.1	36.3	68.1	53.9	46.7	45.8
2072	9	58.6	64.8	10.8	132.8	55.0	42.9	109.4	107.5	75.5	62.3	51.4	92.0	43.1	44.2	45.4	81.2	132.8	92.7	15.5	42.7	10.8	76.9	63.8	44.2	51.1	34.7	111.0	68.5
2072	10	31.2	36.9	15.3	99.5	24.3	26.3	53.8	29.6	26.1	16.6	51.3	23.0	40.0	16.8	42.6	15.3	44.6	27.0	99.5	30.1	44.6	54.6	27.8	28.7	42.8	32.4	37.5	49.3
2072	11	39.3	38.0	12.7	87.1	31.0	46.3	43.3	45.9	38.9	49.3	26.8	30.0	39.8	27.2	47.6	33.8	43.3	44.5	87.1	16.6	12.7	25.5	40.5	32.0	21.4	49.2	34.8	45.4
2072	12	32.0	31.1	8.2	56.9	46.1	16.4	17.5	20.0	56.9	38.2	27.0	21.7	21.3	32.2	43.4	55.8	33.4	17.2	30.4	32.1	40.5	8.2	33.7	32.0	40.0	15.9	36.8	29.4
2073	1	25.3	24.3	6.5	48.2	33.3	33.7	12.2	9.6	26.0	42.8	14.1	18.1	12.8	7.6	13.0	34.3	13.7	25.6	28.3	43.9	48.2	27.8	33.5	21.8	27.2	23.3	6.5	25.0
2073	2	18.6	20.4	8.0	45.3	22.1	30.9	28.8	24.1	11.4	15.2	14.5	31.0	30.6	11.8	45.3	17.4	8.9	13.3	8.0	11.6	11.1	19.6	31.9	25.6	19.6	17.6	17.4	21.3
2073	3	17.1	18.4	3.8	37.8	14.0	19.7	14.8	15.1	22.2	18.5	6.1	12.1	28.0	23.5	8.3	17.0	3.8	37.8	17.2	16.0	24.0	17.7	31.7	32.2	26.8	11.7	13.5	10.3
2073	4	13.2	18.1	1.2	60.6	60.6	16.2	34.0	4.6	11.7	4.1	14.6	35.1	18.5	13.0	20.0	31.7	26.6	10.2	10.1	3.9	8.3	44.0	7.1	13.4	11.8	1.2	12.0	21.8
2073	5	29.8	40.3	10.7	86.0	25.1	44.1	21.6	28.7	27.1	10.7	28.7	30.1	30.0	56.5	21.9	56.7	86.0	21.3	75.4	35.9	71.0	69.4	74.4	29.0	21.2	29.6	50.5	23.0
2073	6	61.1	57.9	15.3	113.8	73.0	113.8	82.1	35.1	89.4	73.4	33.5	29.1	39.8	78.0	62.5	25.1	71.4	40.3	59.6	15.3	63.1	77.8	51.1	68.2	55.9	33.4	84.3	34.4
2073	7	86.2	86.7	48.7	139.8	119.4	98.6	96.4	54.1	54.5	66.7	107.9	69.2	59.9	50.2	112.9	112.2	54.1	133.5	57.6	81.1	47.2	139.8	81.1	68.2	94.5	57.6	124.7	85.2
2073	8	68.1	79.3	22.3	149.8	98.0	68.7	67.7	123.5	124.8	38.2	56.3	67.4	47.7	51.5	67.4	62.4	94.1	51.7	45.1	79.4	106.8	34.5	76.9	139.4	22.3	69.4	69.4	69.4
2073	9	59.7	63.2	17.0	120.1	81.4	50.3	36.3	73.6	98.2	94.7	65.2	32.0	78.9	41.8	54.2	47.9	120.1	36.9	99.8	66.3	47.4	73.4	86.0	87.1	42.5	50.8	32.5	83.3
2073	10	37.4	36.0	12.5	65.8	43.7	37.3	18.8	22.6	24.6	23.7	37.4	49.8	43.4	41.3	44.5	65.8	59.8	49.8	39.0	19.5	30.4	29.2	35.9	45.2	25.8	12.5	25.2	39.9
2073	11	35.6	35.0	12.3	53.4	30.7	50.3	12.3	35.7	49.6	31.8	45.2	42.2	13.2	36.2	45.5	38.9	25.3	31.3	50.9	42.8	42.3	26.3	53.4	21.7	16.6	27.4	34.7	35.5
2073	12	29.9	30.6	14.6	54.5	19.4	22.3	31.4	20.5	19.3	42.7	22.5	35.6	30.1	29.3	40.6	22.5	50.2	14.6	41.9	35.0	33.2	54.5	29.6	24.1	18.7	26.6	35.2	33.5
2074	1	23.7	25.8	13.4	45.2	23.1	42.5	29.7	42.0	23.9	20.7	34.7	18.2	23.0	31.9	34.7	16.9	21.1	25.2	25.8	27.9	13.4	13.7	23.5	18.4	19.1	27.8	45.2	20.4
2074	2	18.2	19.0	4.9	46.6	39.6	19.4	9.3	9.0	19.8	25.2	6.7	21.5	12.0	28.4	20.3	10.5	18.1	16.8	26.9	12.0	16.2	4.9	46.6	8.2	18.4	21.2	29.9	16.2
2074	3	21.0	22.2	1.3	42.8	1.3	9.7	14.7	19.6	24.2	15.1	40.4	37.4	13.1	21.3	29.5	24.8	20.6	18.0	42.8	8.8	21.7	29.8	18.6	27.0	11.0	31.5	34.2	18.1
2074	4	20.7	25.1	7.1	63.1	44.8	15.7	32.0	34.4	12.7	22.2	19.0	14.0	16.2	11.8	7.1	7.9	9.3	19.6	17.2	35.8	16.2	26.3	53.2	63.1	7.7	27.0	37.9	42.2
2074	5	44.7	50.5	13.0	129.9	24.7	55.3	64.4	108.8	20.4	23.2	69.4	61.6	13.0	41.9	25.6	129.9	35.2	53.5	76.5	32.6	62.0	28.6	99.4	47.5	34.7	49.3	24.0	30.0
2074	6	50.7	64.3	16.1	150.6	26.0	51.7	60.6	132.3	36.7	95.7	50.4	102.1	37.2	33.3	31.8	30.1	104.9	43.7	21.2	16.1	104.8	59.4	150.6	124.2	91.6	41.1	50.9	47.2
2074	7	81.3	79.7	17.9	147.8	57.1	109.1	96.0	68.6	124.3	77.2	79.9	82.7	75.0	41.1	95.7	37.4	41.9	84.2	99.2	116.2	29.3	147.8	128.6	114.9	54.5	17.9	50.4	90.1
2074	8	63.5	74.4	29.5	209.2	65.1	67.6	50.7	29.5	127.6	209.2	37.3	61.8	33.1	114.0	40.1	66.6	169.7	45.1	67.4	92.4	104.0	96.7	48.6	48.0	46.8	70.1	47.4	47.0
2074	9	49.7	61.1	16.4	132.2	48.6	96.4	23.5	108.1	123.2	47.8	50.3	69.4	89.7	48.1	41.4	16.4	50.9	58.7	48.7	48.7	36.4	48.7	36.4	48.7	36.4	48.7	81.8	38.1
2074	10	37.9	39.9	17.1	142.2	48.2	39.																						

2078	8	57.6	61.7	15.4	148.6	15.4	83.4	148.6	49.4	109.7	106.1	15.9	86.6	53.3	65.5	28.0	23.8	50.8	44.8	93.4	62.0	77.2	64.7	78.7	34.6	30.3	24.8	37.3	97.6
2078	9	56.5	61.7	18.2	110.8	67.7	31.6	110.8	37.0	95.4	43.7	67.6	90.9	107.2	56.8	32.5	90.7	79.1	43.7	107.6	65.2	75.5	31.6	36.6	56.3	18.2	51.5	52.4	32.0
2078	10	34.3	38.5	17.3	77.0	27.1	26.4	44.5	36.0	58.1	26.0	31.7	23.4	36.8	33.3	77.0	65.5	43.2	28.2	54.1	60.3	32.3	56.8	18.3	22.9	47.8	20.4	35.2	
2078	11	33.9	36.3	7.3	66.6	45.3	29.7	26.1	40.9	59.0	29.2	32.4	40.6	26.4	31.5	26.6	29.3	43.0	49.5	42.2	27.1	26.6	22.6	33.0	44.4	40.0	7.3	34.8	43.6
2078	12	26.8	28.9	7.3	63.6	40.2	27.1	23.8	21.0	42.1	47.2	23.2	29.4	30.5	63.6	39.9	48.0	15.7	11.0	19.1	11.8	25.6	17.6	36.5	7.3	29.8	26.5	20.2	38.3
2079	1	25.0	26.1	11.8	48.4	45.3	17.3	21.2	18.9	40.6	25.0	20.1	41.6	25.0	32.2	15.2	11.8	33.7	24.1	13.5	17.1	32.6	28.2	26.8	26.5	48.4	13.4	13.6	35.2
2079	2	16.4	21.5	8.5	57.4	15.2	33.4	23.6	20.3	16.6	43.8	13.7	57.4	13.7	43.8	16.1	11.4	28.7	14.1	15.3	15.7	15.9	37.8	15.6	16.9	28.1	16.1	34.9	69.9
2079	3	19.9	20.8	5.7	51.4	19.9	30.3	20.4	21.1	11.7	5.7	13.5	22.2	7.2	16.9	21.7	51.4	25.5	6.6	18.5	13.9	22.5	16.9	22.5	22.3	20.7	41.6	19.3	26.9
2079	4	13.5	18.1	4.3	51.0	13.6	10.0	14.1	10.3	16.6	25.3	11.9	28.0	18.3	13.3	12.8	22.9	13.5	27.0	35.5	10.8	4.3	4.5	51.0	12.4	13.3	7.9	31.2	26.9
2079	5	34.5	37.2	10.6	84.9	55.8	84.9	22.3	20.1	56.4	48.4	32.5	17.4	40.2	36.4	10.6	37.4	45.1	55.5	48.8	10.8	14.8	32.3	24.7	28.4	63.7	28.4	55.7	21.2
2079	6	64.3	62.7	9.7	143.1	81.6	136.9	110.3	42.6	27.6	9.7	69.0	19.4	15.3	21.3	28.5	82.3	83.5	66.2	88.9	63.5	65.1	65.3	61.9	143.1	37.1	30.8	61.4	92.7
2079	7	70.5	72.9	23.3	151.5	33.5	109.5	85.7	106.6	71.7	94.6	22.3	39.4	69.2	100.7	85.3	39.5	94.8	22.9	60.6	151.5	97.4	33.3	64.4	128.7	59.4	34.4	68.3	95.6
2079	8	68.7	75.2	31.5	159.3	103.4	98.9	158.1	60.8	60.9	39.0	83.0	43.1	59.5	67.6	88.0	64.3	66.6	32.1	159.3	49.3	78.5	122.0	70.2	45.4	69.7	73.4	81.1	31.5
2079	9	63.1	67.8	28.3	115.9	28.3	58.9	79.9	68.0	75.6	115.9	75.5	84.5	49.7	44.5	53.1	111.4	105.2	51.9	58.6	110.5	64.9	61.7	53.3	73.0	48.1	29.4	83.8	41.1
2079	10	37.4	40.9	17.7	76.1	61.9	67.6	25.3	32.8	42.0	55.9	17.7	64.2	27.7	24.2	32.1	27.6	76.1	40.5	35.8	50.4	33.3	21.7	42.1	61.7	34.3	27.1	38.9	39.6
2079	11	36.4	35.0	12.8	54.1	37.8	39.5	39.1	24.9	44.8	12.8	43.3	33.2	25.0	45.3	31.2	22.9	52.1	31.5	44.4	54.1	42.0	24.8	19.5	23.3	21.2	42.9	49.7	35.1
2079	12	31.5	31.5	12.2	61.1	34.4	38.8	21.2	23.3	29.1	32.2	30.7	38.7	12.2	30.4	25.2	37.8	37.6	12.6	37.2	38.5	61.1	37.1	25.0	33.1	29.3	43.8	23.0	24.5
2080	1	23.1	25.8	8.8	54.2	19.6	35.7	19.4	23.4	22.4	21.5	38.2	31.8	14.6	23.1	45.0	12.2	16.3	25.3	33.2	12.1	8.8	23.0	28.4	13.6	54.2	34.1	22.7	35.8
2080	2	19.5	21.1	4.6	45.2	17.4	18.5	31.0	12.1	12.5	18.5	31.6	16.7	26.2	45.2	21.7	28.7	26.5	10.5	4.6	30.2	15.1	20.5	36.7	17.9	21.6	22.7	13.5	6.8
2080	3	22.4	22.8	4.6	46.0	20.9	22.7	9.4	44.2	4.6	34.3	28.9	15.0	7.4	28.9	8.7	18.5	25.9	12.0	39.7	22.1	25.7	46.0	30.4	14.0	20.2	27.4	24.9	16.1
2080	4	16.9	19.7	4.7	46.5	16.6	16.2	29.7	46.5	31.9	16.4	16.7	16.5	18.5	10.3	12.2	11.0	33.2	6.7	10.9	17.1	15.5	4.7	30.9	32.9	19.5	20.4	20.3	8.3
2080	5	28.4	32.3	3.0	81.5	21.9	26.5	42.2	81.5	10.9	24.9	39.2	3.0	13.1	49.0	8.9	13.2	33.4	16.3	45.6	52.5	35.3	32.7	77.9	26.3	5.2	30.2	60.1	25.4
2080	6	56.4	56.0	14.1	126.9	126.9	65.7	85.2	100.1	73.0	67.6	21.5	61.5	26.4	59.1	63.6	14.1	36.0	50.2	43.1	42.2	69.6	32.0	53.7	24.5	25.3	96.7	27.1	78.7
2080	7	85.0	90.8	27.0	204.1	150.7	204.1	53.9	81.1	72.9	104.9	30.4	71.8	27.0	101.6	110.4	75.4	107.6	93.7	149.7	136.5	88.8	93.5	79.4	54.9	81.0	89.5	48.3	70.8
2080	8	68.9	72.9	21.2	158.7	86.4	73.8	132.4	51.3	139.6	32.0	69.3	84.3	58.6	107.2	33.9	66.2	158.7	51.7	43.2	88.9	81.2	35.5	21.2	52.7	68.4	45.0	90.0	77.2
2080	9	58.7	57.2	18.9	106.6	39.6	25.1	27.1	51.0	93.0	35.5	65.3	66.5	76.0	106.6	92.2	76.5	18.9	31.9	103.1	35.8	45.6	69.2	52.1	68.6	19.1	30.2	76.3	66.6
2080	10	40.8	40.1	9.3	75.5	44.4	75.5	54.1	42.0	46.7	24.8	62.5	27.6	36.5	40.9	40.8	30.8	28.6	31.2	43.7	70.1	55.7	25.3	9.3	46.1	18.3	27.8	41.1	33.9
2080	11	34.1	35.6	8.7	75.0	36.5	36.3	13.4	54.2	13.8	51.1	37.7	28.3	16.1	37.6	75.0	30.5	34.3	8.7	24.0	24.4	33.3	41.3	28.2	49.4	43.0	72.5	32.1	33.9
2080	12	31.0	32.8	11.5	87.4	40.5	40.9	31.3	21.6	12.3	11.5	30.7	35.5	28.9	34.6	41.1	28.0	50.9	20.0	56.7	12.9	87.4	45.1	20.4	37.2	19.7	26.5	32.8	20.3
2081	1	25.8	25.3	14.3	38.4	25.5	21.3	14.3	15.5	16.4	21.2	25.9	27.2	26.1	31.2	18.2	33.6	21.3	22.7	18.9	30.0	32.0	25.6	28.8	38.4	30.9	27.8	24.5	29.9
2081	2	15.6	19.5	7.0	68.2	14.9	7.0	14.7	7.0	8.6	15.0	23.2	29.4	26.6	15.6	25.2	30.3	14.8	15.6	9.5	20.2	8.9	16.2	33.6	68.2	13.1	17.8	36.8	28.8
2081	3	23.2	21.2	5.6	46.1	19.4	20.8	14.1	32.9	5.6	25.5	24.9	33.0	9.8	12.6	21.6	23.7	33.0	9.8	10.7	11.0	24.5	8.9	17.3	33.6	29.4	39.4	35.2	27.4
2081	4	23.7	23.9	4.4	56.3	37.6	25.1	21.5	9.3	9.1	29.9	39.5	4.4	52.8	30.7	12.7	15.4	20.3	18.4	9.4	14.4	18.2	56.3	28.6	6.0	25.3	23.9	30.9	34.9
2081	5	38.8	38.3	5.8	96.4	43.4	49.6	11.0	53.0	50.0	24.2	56.7	60.3	36.7	12.0	47.1	96.4	49.1	36.0	5.8	24.9	37.4	9.2	9.7	65.3	60.2	40.2	15.6	24.3
2081	6	59.2	61.4	29.4	104.1	66.1	56.2	74.8	96.4	54.7	62.3	104.1	44.3	32.9	54.4	47.1	78.7	53.4	75.2	70.2	43.4	99.5	29.4	63.0	38.8	62.7	44.3	48.3	73.4
2081	7	74.7	88.7	42.8	170.9	51.7	142.4	150.6	104.8	42.8	55.6	120.2	121.2	130.5	56.7	104.3	61.7	67.7	99.8	123.2	115.5	64.4	81.1	48.4	70.6	54.0	77.4	71.9	90.6
2081	8	70.8	73.2	26.3	137.5	98.1	79.0	69.3	72.0	38.1	130.0	75.4	63.7	88.1	70.5	39.3	84.1	55.1	108.8	71.2	82.1	50.1	26.3	65.2	43.3	61.6	66.1	137.5	80.6
2081	9	57.6	58.0	14.7	116.1	76.5	33.0	52.9	48.1	24.9	60.9	87.6	74.0	35.6	80.2	57.7	57.4	57.7	57.5	86.8	116.1	32.1	14.7	64.1	37.9	70.2	37.2	50.7	86.7
2081	10	36.5	35.1	12.1	63.2	34.5	30.1	62.1	14.9	44.4	25.9	26.4	13.8	45.6	43.9	37.6	47.7	37.0	25.2	38.6	17.8	24.7	53.8	45.4	40.9	63.2	12.1	21.6	36.0
2081	11	27.8	34.1	8.4	72.1	37.2	42.3	20.3	26.7	21.8	28.6	39.0	19.4	19.6	22.0	16.9	26.9	40.4	44.5	16.5	62.7	66.2	44.8	24.4	8.4	37.4	72.1	20.7	20.7
2081	12	26.7	30.5	9.6	60.9	25.8	27.0	30.6	48.5	41.0	17.2	52.0	13.8	27.1	17.5	60.0	39.8	26.0	26.5	60.9	25.5	36.5	29.9	25.8	9.6	20.8	21.6	19.8	29.0
2082	1	28.6	28.4	10.3	59.3	41.9	36.5	22.1	19.8	15.5	40.8	19.0	23.4	28.5	30.9	15.6	31.7	28.0	25.7	31.5	22.4	37.6	30.7	10.3	28.8	35.1	12.6	59.3	23.8
2082	2	18.0	20.1	8.1	53.9	18.0	14.2	29.0	29.0	14.5	16.5	27.6	24.2	29.8	14.0	13.7	28.5	23.5	8.1	19.6	8.4	12.3	8.2	21.6	53.9	8.2	29.4	18.0	13.4
2082	3	27.6	25.4	8.2	55.9	35.9	16.4	31.1	35.2	16.7	9.2	15.8	26.4	23.7	38.4	31.4	35.2	55.0	8.2	31.3	9.9	28.9	32.4	15.8	19.5	10.1	10.0	39.0	22.7
2082	4	19.3	21.6	1.7	79.6	24.1	14.2	22.9	79.6	16.2	31.1	24.7	3.3	8.1	18.3	46.0	21.7	44.9	10.7	7.7	20.3	13.9	21.3	8.7	21.0	3.7	14.5	42.5	17.1
2082	5	40.3	45.0	12.0	103.8	39.5	28.6	41.7	80.6	12.0	31.7	34.5																	

2086	3	23.1	23.8	6.5	52.4	22.1	23.6	37.2	42.2	35.9	28.3	8.6	8.6	11.8	18.6	17.5	7.0	46.4	7.9	21.5	27.2	24.4	32.7	15.9	24.5	27.0	6.5	52.4	22.5
2086	4	15.5	19.1	5.4	37.2	10.9	8.2	16.5	14.6	36.2	33.6	26.2	15.2	23.9	6.9	34.3	15.7	37.2	33.2	5.4	13.6	8.8	11.0	12.3	6.9	10.5	20.0	36.7	21.9
2086	5	42.8	43.3	1.6	88.1	12.5	70.9	33.4	44.4	48.6	67.7	79.3	47.7	42.1	44.3	43.4	88.1	28.6	33.4	25.0	54.4	32.1	32.5	1.6	38.6	11.1	64.7	54.0	39.8
2086	6	43.0	52.5	15.2	123.1	17.4	51.6	68.6	89.9	35.0	42.8	48.9	79.6	41.6	89.0	21.0	44.8	38.5	25.1	43.2	80.6	15.2	123.1	42.4	24.1	42.0	93.9	41.7	61.1
2086	7	80.0	88.2	31.4	183.0	85.0	141.6	68.3	112.6	106.5	111.5	70.4	76.7	98.2	130.1	109.5	72.1	39.6	82.5	49.6	77.4	44.5	31.4	183.0	121.0	106.5	56.2	73.3	68.8
2086	8	70.1	72.8	32.7	150.9	83.8	114.8	38.7	148.5	65.4	37.5	32.7	57.6	46.9	150.9	79.9	67.1	73.4	51.4	49.1	101.6	76.3	34.3	87.1	46.9	83.8	65.3	73.1	81.4
2086	9	43.4	51.3	25.0	90.1	25.0	42.6	84.7	33.8	73.2	54.3	37.5	37.3	74.3	46.3	31.2	69.1	60.5	43.5	85.8	42.3	90.1	25.0	61.4	48.5	27.4	44.9	40.8	39.0
2086	10	36.0	39.1	20.6	68.4	26.5	41.6	49.8	32.5	21.8	23.3	33.1	36.6	41.8	32.9	20.6	33.6	62.0	38.4	30.4	41.9	46.9	68.4	56.9	89.6	23.5	25.8	52.1	48.0
2086	11	32.4	33.4	9.2	57.8	57.8	42.2	39.3	26.3	43.9	57.7	28.9	22.6	40.0	38.7	9.2	34.6	34.4	48.1	15.1	29.9	27.3	34.5	42.5	29.5	30.5	21.0	23.8	24.7
2086	12	28.6	27.6	9.1	50.3	21.2	30.9	21.5	28.9	27.8	17.3	22.5	28.2	10.5	36.8	32.7	50.3	41.9	35.0	30.8	40.3	17.5	31.0	26.9	9.1	36.1	26.7	29.1	9.3
2087	1	24.7	25.8	11.6	55.6	25.1	31.2	20.0	31.1	15.0	26.2	24.3	30.0	27.0	22.9	55.6	27.9	33.8	28.2	23.7	26.0	19.8	21.5	34.3	23.0	15.7	23.5	22.6	11.6
2087	2	23.1	25.0	7.8	52.9	21.6	18.7	28.2	22.7	52.9	7.8	28.3	27.5	11.2	10.0	25.7	49.4	37.5	33.1	14.5	23.5	16.3	23.9	22.1	15.5	40.3	12.0	36.1	20.4
2087	3	17.3	23.5	2.5	93.2	4.5	10.7	2.5	93.2	49.5	11.6	23.2	47.5	15.7	42.5	6.5	21.3	9.3	10.5	22.1	39.5	18.9	15.4	19.7	14.0	42.4	13.0	23.3	6.8
2087	4	21.3	22.6	1.1	53.1	23.0	25.8	33.7	18.1	43.9	10.1	26.6	53.1	18.2	20.0	38.0	22.6	29.6	16.9	11.2	19.7	13.9	28.7	23.6	15.7	10.1	1.1	23.1	14.6
2087	5	38.4	43.6	10.1	103.0	29.7	30.5	46.4	24.3	38.6	13.6	55.8	28.2	24.7	38.2	10.1	69.8	77.9	70.3	40.6	64.1	58.0	10.8	20.7	76.0	16.9	103.0	34.5	64.6
2087	6	52.0	52.7	17.7	116.2	52.5	52.7	60.9	90.8	42.2	42.9	47.1	76.0	81.9	73.5	17.7	43.8	80.1	30.4	53.1	56.2	20.3	51.5	18.9	18.9	41.3	55.7	40.7	116.2
2087	7	78.0	78.4	13.4	160.2	68.0	63.9	85.5	76.6	51.9	79.5	63.0	66.1	106.8	81.5	91.2	67.2	83.5	85.3	86.1	108.3	66.4	122.0	59.5	100.7	46.3	160.2	13.4	48.2
2087	8	59.1	62.9	18.1	106.0	36.8	90.0	60.4	65.4	64.2	26.5	43.8	97.9	57.7	57.0	18.1	94.2	86.0	37.4	106.0	102.6	55.5	52.8	78.6	46.9	19.2	95.2	55.7	44.9
2087	9	65.3	59.9	17.6	102.9	70.3	77.5	52.0	89.6	78.8	55.5	58.8	36.6	100.2	67.6	65.0	32.0	54.1	72.9	65.7	73.4	36.4	102.9	30.1	68.7	17.6	22.1	90.1	18.7
2087	10	36.5	38.6	19.2	75.0	54.2	19.2	42.9	33.5	27.9	52.1	34.7	45.7	36.1	42.6	57.5	20.0	28.4	31.2	40.5	36.8	23.2	35.7	45.4	65.4	39.8	29.2	75.0	19.6
2087	11	33.2	33.7	10.2	57.4	27.1	38.8	34.5	31.8	31.8	37.7	13.7	35.7	23.7	39.6	16.4	49.1	40.1	22.8	10.2	13.8	49.5	53.7	50.1	29.8	27.8	57.4	31.2	41.8
2087	12	26.2	29.3	12.7	71.4	20.4	50.1	26.5	26.0	22.3	17.5	33.4	23.6	31.6	27.9	71.4	35.0	12.7	20.1	22.5	33.0	21.9	29.9	24.6	33.9	22.2	39.3	17.4	40.6
2088	1	25.1	27.0	7.7	59.0	25.8	22.1	18.8	29.5	44.4	9.6	27.7	59.0	39.9	16.0	20.5	11.2	18.4	24.5	37.5	21.6	41.6	25.7	51.7	32.2	7.7	11.1	33.7	10.3
2088	2	25.5	23.9	6.2	55.6	6.9	18.0	6.2	17.9	26.0	41.8	18.8	31.1	25.0	55.6	27.4	16.9	23.8	29.7	11.3	15.2	26.8	27.6	26.2	30.8	27.9	21.0	6.9	35.3
2088	3	14.9	17.4	1.4	38.2	16.7	13.3	4.6	11.0	25.2	26.3	14.6	11.7	15.1	12.3	31.4	34.7	13.3	21.9	7.4	19.5	24.9	1.4	20.4	38.2	7.7	13.3	24.5	8.8
2088	4	22.1	22.4	2.6	66.2	15.6	22.0	14.1	24.2	40.4	7.0	20.8	10.4	25.3	22.3	51.2	10.6	29.2	26.0	25.4	23.0	23.1	66.2	4.0	5.5	6.1	10.9	2.6	52.8
2088	5	29.4	34.2	8.1	96.7	24.7	25.7	69.8	95.2	8.1	32.5	96.7	29.1	27.8	29.7	16.9	11.1	30.1	41.7	34.6	19.8	10.7	22.3	51.8	25.9	36.8	36.4	36.4	36.4
2088	6	42.5	47.5	10.7	94.2	81.5	37.9	41.1	50.1	29.3	60.6	36.4	13.6	42.0	48.5	42.2	40.6	85.4	28.9	74.1	42.8	43.5	51.4	22.9	69.9	94.2	10.7	52.0	40.6
2088	7	62.7	66.8	14.2	154.6	94.8	83.7	94.1	87.9	90.1	78.5	53.3	34.3	70.4	60.5	25.4	14.2	33.9	147.9	44.1	41.0	70.0	154.6	64.5	46.6	60.8	38.2	76.6	76.6
2088	8	63.9	65.6	29.5	118.3	87.6	30.8	103.7	81.0	106.0	51.3	29.5	92.1	73.2	68.4	53.4	53.7	118.3	59.5	83.4	93.1	74.5	46.1	31.1	40.7	34.0	47.9	53.6	68.3
2088	9	55.9	51.1	9.4	97.9	89.9	40.1	58.1	63.1	65.1	50.3	12.9	61.6	50.3	92.9	68.5	39.5	56.8	39.4	38.6	60.0	29.1	23.5	76.9	55.0	76.3	35.3	20.8	64.4
2088	10	30.6	32.7	5.3	69.7	40.3	77.2	65.0	40.2	7.1	21.0	34.9	20.0	25.6	32.2	63.2	33.2	63.2	33.2	63.2	33.2	63.2	33.2	63.2	33.2	63.2	33.2	63.2	33.2
2088	11	28.3	32.1	15.5	102.2	33.8	20.7	37.4	34.5	43.1	17.9	51.1	20.2	43.3	21.5	44.2	22.9	28.1	15.5	28.5	16.5	40.3	26.8	25.6	16.4	34.1	24.9	18.6	34.7
2088	12	27.9	28.5	10.2	64.9	32.8	30.1	29.1	10.2	30.9	30.0	22.0	26.6	16.1	37.0	55.8	22.2	64.9	39.7	18.5	17.7	30.1	33.3	36.0	25.1	17.3	12.4	24.6	22.7
2089	1	23.9	24.0	6.2	46.5	24.3	24.2	17.9	23.6	24.5	37.4	41.2	20.3	25.5	46.5	11.1	21.9	27.9	21.0	13.4	29.6	19.0	6.2	33.4	35.3	13.7	28.3	16.7	12.5
2089	2	17.4	18.0	3.8	37.9	13.5	21.3	14.1	22.8	15.1	18.3	7.2	4.9	25.0	19.9	13.9	10.7	16.8	19.8	10.5	3.8	18.0	27.5	30.6	14.0	12.5	30.0	24.8	24.8
2089	3	21.3	20.3	9.5	29.5	9.6	21.3	14.9	18.6	25.2	14.7	26.4	25.6	29.5	10.7	21.3	28.2	25.8	21.7	9.5	21.3	12.8	24.5	15.9	28.7	24.9	21.8	15.0	20.1
2089	4	22.8	25.4	8.1	52.0	25.8	22.9	20.6	10.0	17.2	8.1	28.1	52.0	31.1	14.0	30.4	13.4	51.1	9.4	37.9	9.8	19.1	27.7	27.4	15.4	22.7	37.1	38.8	45.4
2089	5	34.9	39.1	2.9	118.0	65.8	17.2	42.9	36.8	34.4	26.7	51.7	118.0	25.7	37.7	73.7	33.5	35.3	43.3	58.4	32.7	51.7	2.9	55.4	25.4	33.8	14.7	17.2	3.1
2089	6	54.9	61.2	16.8	137.0	52.5	57.9	106.6	47.1	117.7	16.8	137.0	93.3	19.4	11.0	63.6	22.9	23.3	24.4	57.4	87.5	52.3	43.9	26.7	117.7	58.1	35.0	99.6	27.0
2089	7	77.0	88.8	26.7	194.1	186.7	66.7	102.5	99.3	73.7	45.4	60.2	53.8	37.6	86.2	74.9	26.7	72.4	98.6	117.3	194.1	167.1	49.3	39.8	125.3	55.1	89.6	79.1	129.2
2089	8	65.0	66.5	13.5	153.5	66.7	66.9	89.9	66.6	39.7	39.9	47.5	25.1	87.8	67.9	19.3	50.4	107.2	63.3	63.6	84.3	37.5	66.3	48.3	107.0	124.7	62.0	13.5	13.5
2089	9	44.3	51.0	21.7	128.9	60.6	41.3	26.7	21.7	23.3	43.7	30.6	23.0	58.1	121.4	44.9	22.7	55.5	27.9	128.9	72.1	21.6	46.2	50.0	41.2	35.8	62.1	79.5	64.7
2089	10	31.5	35.2	4.7	88.6	88.6	29.4	73.4	4.7	41.7	38.0	22.1	13.0	35.0	43.5	24.9	23.6	54.9	31.3	31.1	15.5	20.5	42.0	17.0	31.6	54.6	14.8	53.2	49.1
2089	11	30.2	34.4	16.9	60.6	16.9	36.9	25.6	46.1	46.8	58.0	32.4	60.6	36.8	24.3	56.3	26.1	46.5	24.9	37.2	25.6	28.7	23.2	26.0	23.4	44.5	31.7	23.4	33.4
2089	12	28.0	29.7	15.9	52.8	23.6	25.2	27.1	25.4	19.2	34.2	41.2	35.4	32.4	26.8	15.9													



2093	10	34.1	38.4	12.4	71.4	19.5	12.4	38.1	29.2	57.2	29.7	49.7	34.3	38.2	28.9	32.2	57.3	33.0	26.6	52.9	33.8	21.9	17.0	36.5	65.6	45.8	71.4	20.6	68.9	
2093	11	32.5	35.3	17.5	60.1	32.5	25.5	19.6	20.4	20.9	47.4	37.6	57.1	39.8	50.2	30.6	37.0	50.1	32.4	55.8	29.4	20.8	17.5	45.7	60.1	27.6	32.2	18.4	37.9	
2093	12	29.3	29.6	13.9	46.6	41.3	28.9	43.0	22.1	13.9	30.5	22.2	23.6	25.8	38.0	37.4	18.4	46.6	30.2	24.5	14.8	29.7	31.9	46.5	21.0	18.7	35.4	37.5	28.6	
2094	1	27.7	27.4	9.6	49.2	49.2	29.0	19.5	41.9	25.7	27.0	23.1	15.8	18.8	38.7	38.8	29.4	27.5	28.3	19.9	30.2	30.2	21.5	18.2	9.6	44.1	19.0	29.2	27.9	
2094	2	18.2	18.0	5.5	31.8	18.6	17.1	20.6	31.5	12.6	6.6	28.1	23.8	18.5	30.2	12.1	9.9	31.8	6.5	13.2	17.9	31.4	20.5	23.1	5.5	13.7	8.7	21.5	8.1	
2094	3	23.6	24.3	5.0	78.2	15.1	22.6	27.2	33.2	26.6	28.9	78.2	34.9	24.5	14.9	5.6	37.5	13.9	15.5	25.1	28.0	5.0	26.0	15.8	10.6	36.5	18.4	21.6	17.7	
2094	4	21.3	25.7	8.1	60.6	38.1	13.6	19.0	21.2	69.6	40.8	34.5	36.3	19.1	31.4	21.3	54.0	8.1	13.3	37.0	9.5	20.8	9.3	17.7	36.3	26.1	33.3	17.3	47.1	
2094	5	33.3	36.7	13.2	80.9	64.8	16.4	40.9	13.2	24.2	49.6	64.4	35.3	15.2	36.6	36.9	15.5	24.9	42.5	55.4	31.3	29.7	19.7	26.4	80.9	20.1	37.6	80.4	18.7	
2094	6	53.4	58.2	21.8	147.6	70.8	77.6	117.2	65.5	67.1	74.6	30.4	34.8	27.4	32.4	39.0	65.2	53.6	27.1	122.4	47.6	21.8	53.3	62.7	147.6	37.3	30.9	30.7	59.4	
2094	7	75.4	84.7	24.9	181.1	38.8	157.3	76.0	154.3	65.5	97.6	33.5	24.9	33.6	158.3	88.7	84.0	50.0	74.9	58.9	181.1	73.0	101.2	50.4	126.9	35.4	138.6	83.3	46.7	
2094	8	69.5	76.0	21.2	338.5	29.1	49.3	21.2	73.2	92.8	48.9	79.4	23.9	105.7	91.4	54.7	43.0	80.6	60.4	52.6	72.4	71.5	338.5	72.4	67.4	51.2	95.7	95.0	53.1	
2094	9	62.8	65.9	17.6	117.2	81.5	42.6	64.9	29.0	108.9	101.6	90.2	60.3	27.3	91.5	92.6	51.8	110.4	34.8	79.2	36.6	17.6	60.6	73.9	117.2	27.3	38.3	49.8	94.7	
2094	10	48.9	44.3	8.2	79.4	62.1	8.2	55.4	30.2	52.2	25.1	54.6	48.3	68.8	69.3	33.4	49.5	42.2	18.6	31.1	59.2	54.7	79.4	29.0	29.9	51.9	50.8	34.4	24.0	
2094	11	29.0	29.4	12.7	67.3	60.4	12.8	28.8	29.2	24.5	40.1	19.8	28.6	14.9	36.2	37.7	67.3	12.7	38.4	31.9	17.2	23.2	21.6	26.6	35.1	44.9	37.4	30.0	16.8	
2094	12	30.9	31.3	10.7	57.7	47.5	27.7	15.7	25.6	32.6	12.2	25.5	10.7	37.2	29.7	38.6	33.2	32.1	24.8	25.5	17.7	48.1	42.2	40.7	57.7	20.2	42.1	35.3	28.1	
2095	1	24.1	25.0	2.3	47.2	41.1	16.3	15.3	33.3	23.6	27.1	23.0	17.3	20.1	26.2	10.5	30.0	2.3	9.5	24.5	22.7	12.2	43.5	25.7	41.5	25.4	47.2	38.5	22.6	
2095	2	20.2	21.7	6.6	46.7	15.9	27.8	21.4	33.8	12.4	19.8	20.4	32.3	18.9	11.9	30.8	26.3	30.7	19.6	8.1	12.9	35.0	19.9	20.9	27.0	7.9	6.6	12.7	46.7	
2095	3	17.5	20.5	0.0	45.4	0.0	45.4	0.0	25.7	13.9	0.0	22.7	27.3	34.0	10.9	10.5	18.7	10.3	22.6	16.3	36.7	7.6	15.0	14.6	8.5	9.7	44.6	36.9	29.9	8.6
2095	4	24.4	26.4	5.0	59.5	35.1	11.9	33.9	33.8	42.3	13.0	27.7	18.2	17.2	17.1	5.0	48.5	10.1	39.5	34.6	5.2	13.5	55.2	33.3	34.3	10.1	21.0	38.3	13.7	
2095	5	34.6	39.4	9.9	92.9	21.8	62.9	30.4	63.1	13.1	92.9	9.9	66.6	26.9	42.2	28.1	44.9	20.2	49.6	53.3	27.1	34.2	74.4	24.1	35.6	21.0	50.0	35.0	16.0	
2095	6	46.2	48.0	6.6	104.8	50.7	47.8	44.6	60.7	32.0	15.7	31.5	104.8	60.5	73.3	75.0	6.6	37.8	65.2	73.2	11.4	35.3	40.7	49.9	26.2	25.3	98.9	55.2	19.3	
2095	7	70.8	79.1	41.5	181.5	66.4	97.7	85.1	134.5	43.1	75.6	45.7	65.7	141.4	48.6	90.6	71.3	78.5	41.5	181.5	70.3	80.5	111.7	63.5	49.4	70.3	86.3	50.8	48.4	
2095	8	66.0	63.7	24.1	101.0	65.8	52.1	65.5	58.5	101.0	24.1	31.0	43.2	97.3	66.8	69.3	64.1	80.0	100.9	93.4	38.5	25.7	77.7	66.3	42.2	73.0	71.3	93.8	27.0	
2095	9	40.9	51.6	4.3	112.4	38.9	112.4	42.4	35.4	39.4	46.2	39.5	92.4	104.9	4.3	35.3	62.3	59.1	21.4	70.2	76.3	51.8	75.2	38.4	24.1	32.5	34.2	28.3	72.4	
2095	10	34.1	35.0	10.6	75.0	32.0	33.2	19.0	60.6	10.8	45.9	44.4	32.3	30.4	30.4	57.6	42.7	39.5	19.8	36.1	37.2	21.1	29.7	35.0	19.7	47.5	10.6	30.9	20.0	
2095	11	35.8	40.8	19.1	80.3	40.0	45.3	27.7	80.3	33.3	32.1	19.1	32.5	22.2	49.1	42.2	31.7	57.3	20.7	26.3	38.1	44.4	33.6	20.0	62.5	53.7	28.3	66.0	72.4	
2095	12	31.8	31.9	11.4	53.5	50.2	35.1	36.7	11.4	43.9	17.4	30.7	23.3	42.9	49.0	43.0	15.4	20.4	33.7	34.7	30.0	44.1	23.9	38.6	53.5	28.1	21.8	23.7	29.2	
2096	1	26.6	28.3	7.3	54.1	25.0	41.3	11.6	29.2	31.4	47.0	32.3	24.5	54.1	52.6	33.0	35.6	38.6	19.0	28.0	25.3	12.8	40.6	9.5	7.3	20.5	21.0	23.1	17.1	
2096	2	24.6	24.3	9.2	41.9	33.5	23.3	10.0	37.3	41.9	28.4	21.4	21.4	21.4	9.2	10.7	9.8	41.6	11.6	25.8	12.2	14.3	23.4	35.3	33.1	28.3	27.4	14.5	29.9	
2096	3	16.1	18.2	0.9	41.9	36.3	12.9	16.2	28.1	41.9	26.7	20.3	11.5	13.5	7.2	31.4	6.1	4.5	8.8	18.2	25.8	14.1	26.5	12.9	13.2	18.5	15.9	25.7	0.9	
2096	4	18.7	21.1	0.0	55.2	32.8	25.9	17.4	14.2	23.5	14.7	44.7	16.2	19.1	15.1	12.1	30.2	22.2	21.5	18.2	25.9	10.9	2.8	55.2	22.0	0.0	1.2	13.0	50.6	
2096	5	33.9	37.0	8.2	107.4	107.4	31.1	26.7	35.0	127.0	40.8	23.7	36.1	26.3	44.8	37.8	36.8	23.6	30.6	83.4	31.7	33.7	43.9	22.8	39.4	39.7	21.9	63.0	19.3	
2096	6	46.3	47.2	15.8	90.9	41.9	45.9	39.0	62.3	39.7	27.2	31.6	78.3	58.5	57.7	58.7	15.8	81.9	67.1	90.9	25.6	23.9	59.0	46.6	16.2	36.2	53.9	25.4	51.9	
2096	7	61.4	60.0	5.8	129.5	40.7	82.6	91.0	67.3	27.4	46.1	74.5	34.8	28.9	66.6	41.3	69.5	40.4	58.9	67.9	5.8	63.0	68.7	98.8	129.5	58.7	26.5	56.8	93.2	
2096	8	66.4	66.9	34.3	110.7	69.2	107.0	76.0	92.7	42.6	110.7	58.9	55.0	65.7	44.0	70.0	61.5	71.3	65.7	43.5	71.7	67.1	107.1	39.7	34.3	83.8	81.3	41.6	45.2	
2096	9	62.8	62.4	21.0	117.6	74.4	117.6	70.0	104.0	65.8	61.6	40.3	70.1	21.0	75.8	64.0	53.8	27.5	46.1	90.3	75.3	36.3	38.4	52.1	42.6	56.1	76.2	59.3	77.9	
2096	10	32.6	36.8	10.3	60.3	46.6	55.6	54.1	31.9	51.0	18.4	44.9	10.3	25.5	33.0	18.1	43.3	54.7	28.6	22.7	32.3	29.5	31.8	33.8	41.9	60.3	52.2	30.5	31.9	
2096	11	30.4	32.5	13.9	59.3	32.4	18.4	32.9	53.5	27.3	29.6	15.5	47.9	19.2	40.2	38.2	21.3	59.3	37.9	14.8	25.6	24.2	37.0	28.5	24.5	31.2	53.2	53.5	13.9	
2096	12	28.0	28.0	9.5	43.6	30.8	39.4	17.9	27.7	39.5	14.2	28.2	26.0	20.5	27.3	26.4	23.0	37.1	18.0	29.7	43.6	15.0	40.8	34.1	34.4	9.5	29.0	31.8	27.0	
2097	1	33.3	32.9	4.2	53.8	4.2	50.9	33.5	35.4	22.9	47.5	26.6	37.9	44.3	27.7	18.2	46.9	33.2	53.8	49.3	26.1	27.1	32.6	24.5	23.2	34.0	36.1	18.4	39.9	
2097	2	20.3	21.7	4.6	48.1	18.7	22.4	20.0	14.6	48.1	16.0	8.1	19.3	21.5	28.3	35.4	25.1	27.8	15.6	26.0	20.6	12.1	27.9	11.2	4.6	35.9	12.3	17.1	32.4	
2097	3	19.6	20.3	3.7	54.1	13.4	11.7	18.1	22.4	30.5	20.5	18.6	17.4	26.4	25.4	16.3	25.3	7.8	20.5	3.7	17.4	14.0	15.8	22.1	21.5	11.5	22.0	29.8	54.1	
2097	4	23.7	23.4	9.6	48.4	31.0	26.4	20.1	11.6	25.2	40.2	19.0	11.2	9.6	26.3	11.7	28.5	17.3	24.2	27.3	17.6	23.2	36.8	31.9	17.0	48.4	28.6	15.8	14.6	
2097	5	38.0	43.9	12.1	94.1	42.4	30.3	51.9	36.3	25.9	77.4	28.0	39.8	45.4	64.5	12.1	33.8	24.0	71.7	60.7	94.1	28.6	33.7	62.7	23.3	71.3	43.7	30.3	30.3	
2097	6	61.4	60.8	4.2	108.2	67.3	59.0	57.9	92.3	25.0	78.1	21.3	95.0	87.8	78.1	74.4	40.0	99.1	39.7	108.3	53.0	67.4	64.0	35.1	57.4	4.3	13.6	63.0	93.7	
2097	7	78.7	84.4	43.1	162.5	98.3	68.1	125.8	130.1	86.4	51.4	6																		

Year	Month	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CM5 historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-G2-HR historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-IR historical rcp45 (kg m-2 d-1)	pr MIROC5 historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ES historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM4 historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)
2011	1	4.2	4.5	1.7	10.3	9.2	4.8	4.3	4.1	4.7	2.7	3.9	2.4	4.0	5.3	5.6	5.2	2.4	10.3	2.9	3.7	3.6	5.3	3.5	4.5	5.2	3.3	1.7	4.9
2011	2	4.3	5.1	0.3	14.1	4.9	3.8	4.9	3.8	3.9	4.9	3.2	4.8	8.7	2.5	3.4	3.8	5.2	14.1	4.8	1.7	5.4	2.8	6.1	0.3	13.0	9.7	3.1	2.7
2011	3	5.1	5.4	1.8	14.8	4.1	5.2	14.8	3.4	6.9	5.1	3.5	3.8	6.9	5.1	3.3	4.0	6.5	7.3	1.8	5.9	4.1	3.3	8.4	3.7	6.4	4.3	7.4	2.8
2011	4	6.3	7.3	2.7	17.4	6.7	7.6	6.5	5.6	9.0	5.4	3.8	2.5	12.7	6.9	17.4	4.3	2.2	6.2	2.9	2.7	9.1	2.3	10.4	16.0	6.3	8.6	10.4	
2011	5	12.0	12.0	0.8	23.2	14.1	13.2	6.0	6.6	0.8	15.0	18.1	5.9	7.4	8.9	21.0	23.2	15.7	10.8	17.2	8.0	8.6	10.7	17.3	3.4	18.9	14.5	5.6	18.0
2011	6	8.5	12.3	3.5	34.5	17.9	7.5	6.5	9.3	3.5	11.5	13.7	15.7	31.6	31.2	7.4	13.5	6.7	6.2	34.5	13.3	7.1	15.1	4.1	5.7	7.7	6.2	7.0	11.8
2011	7	17.0	17.3	4.3	43.4	17.2	27.8	4.3	28.9	17.9	31.2	43.4	20.8	26.9	5.5	7.1	21.1	13.9	8.4	16.8	11.4	9.7	7.7	14.3	17.3	10.0	4.5	19.5	28.5
2011	8	14.0	13.6	2.8	22.6	12.4	15.3	18.4	13.4	16.8	4.8	2.8	14.7	10.8	18.2	7.0	22.6	9.7	17.0	17.7	12.2	16.2	13.9	12.0	20.4	6.5	8.9	20.3	14.1
2011	9	14.2	13.6	5.2	26.9	17.5	24.5	10.4	15.9	18.5	16.3	6.8	5.8	9.5	15.0	10.3	19.3	7.3	14.8	22.7	5.2	14.7	14.2	14.2	9.2	7.8	10.8	26.9	9.8
2011	10	5.8	7.3	2.6	14.8	4.9	4.8	14.8	5.5	2.6	5.6	4.4	3.8	7.6	10.0	13.3	12.2	8.5	6.7	3.3	8.3	11.1	6.6	4.1	13.1	6.1	3.8	10.3	3.6
2011	11	6.4	6.9	2.0	16.3	6.0	4.4	7.2	4.6	8.3	16.3	12.6	8.5	4.7	3.3	2.0	6.5	2.7	6.4	6.9	4.9	7.4	8.3	5.3	6.5	4.1	4.7	13.5	9.6
2011	12	3.8	4.5	2.4	8.8	5.1	3.5	5.5	4.2	6.0	4.9	4.6	3.8	3.8	3.4	4.6	3.7	3.8	3.6	8.3	2.4	8.8	3.5	3.0	3.6	2.9	3.7	7.8	3.2
2012	1	4.6	5.0	2.0	10.0	4.7	3.5	3.4	6.3	7.8	4.2	3.4	9.1	7.4	3.9	2.0	3.8	5.6	3.5	5.0	4.1	6.1	5.5	2.1	4.1	5.7	5.4	10.0	4.4
2012	2	3.9	4.6	2.0	12.3	3.8	4.5	4.4	9.1	2.0	3.4	5.1	7.0	2.4	4.9	3.3	3.7	2.9	2.5	12.3	5.6	3.7	2.8	6.9	4.0	6.0	4.3	2.5	2.4
2012	3	5.1	5.8	2.1	17.6	2.6	4.5	5.2	4.9	5.7	7.9	2.6	5.2	2.1	5.1	4.4	5.5	17.6	4.6	5.6	13.6	6.0	2.4	3.7	5.1	8.4	4.3	4.2	
2012	4	5.6	6.0	1.2	11.8	3.3	11.8	5.8	1.2	4.0	7.5	3.9	6.2	9.2	5.8	2.7	9.0	4.8	11.3	5.3	4.8	5.3	9.2	8.5	4.8	5.8	5.0	6.6	3.2
2012	5	9.4	9.8	2.0	16.0	12.9	5.8	3.1	5.3	10.6	7.6	9.4	11.7	9.5	12.8	6.8	15.1	2.0	15.6	12.0	7.9	16.0	7.6	5.9	5.4	15.7	13.9	13.4	9.0
2012	6	11.3	13.7	3.7	31.6	11.6	26.6	13.0	3.7	8.0	10.9	5.5	7.1	13.5	8.0	5.7	14.1	20.9	5.5	29.4	9.4	7.8	31.6	13.3	27.7	17.2	4.9	26.8	6.1
2012	7	15.3	18.3	6.5	37.6	6.7	18.4	25.9	24.8	31.7	15.6	15.3	33.7	14.9	15.2	9.6	8.9	12.3	25.1	12.7	31.8	31.7	6.5	9.9	8.5	7.2	9.9	24.7	
2012	8	14.6	14.3	4.3	28.3	5.7	10.6	17.7	17.7	16.9	18.4	28.3	4.3	12.7	5.2	15.0	12.3	22.8	20.4	22.0	4.4	7.8	15.1	7.1	14.2	10.7	25.1	18.9	9.9
2012	9	14.1	13.6	2.4	29.6	19.5	12.4	6.2	8.5	10.7	22.3	16.0	8.5	7.8	16.3	29.6	2.4	15.3	6.5	10.6	12.2	7.9	16.2	17.9	18.2	13.9	19.5	14.5	14.2
2012	10	7.2	8.2	1.6	16.0	8.3	12.9	16.0	4.8	4.6	5.8	6.2	13.1	6.1	7.4	12.5	5.3	13.4	2.7	6.5	14.6	1.6	9.2	12.1	7.6	13.0	4.7	6.9	2.1
2012	11	5.2	5.4	2.0	9.3	2.0	2.5	4.2	8.2	6.9	6.8	9.3	4.9	7.0	7.3	3.8	6.3	5.8	5.4	4.2	3.2	5.0	5.9	3.6	4.8	5.2	6.6	5.2	5.2
2012	12	4.2	4.7	1.5	11.8	7.9	2.3	5.8	11.8	4.9	3.9	6.1	4.2	4.9	3.2	2.7	3.7	3.9	3.6	3.0	4.2	9.2	3.2	4.6	6.9	1.5	2.5	4.3	4.6
2013	1	4.7	5.0	1.6	10.9	4.1	2.7	6.6	2.4	4.8	10.9	5.2	6.9	1.6	4.2	2.8	5.3	2.0	10.9	5.6	4.9	6.5	4.0	2.4	7.0	5.2	4.5	4.5	4.2
2013	2	4.2	5.1	1.5	18.0	4.3	3.4	1.7	3.2	6.0	2.6	3.4	17.5	4.2	6.1	18.0	1.5	4.1	3.7	4.8	3.0	6.7	4.5	5.4	3.0	4.2	2.5	6.3	1.6
2013	3	5.0	5.3	1.1	12.9	6.0	5.9	3.8	5.9	2.8	5.3	3.6	5.9	3.2	5.3	4.4	3.1	4.8	13.4	6.6	3.7	12.9	7.6	8.3	5.9	1.1	2.0	3.8	6.7
2013	4	5.2	5.7	2.3	11.8	5.9	8.2	6.3	4.9	7.9	3.2	3.4	3.2	3.4	4.2	6.2	11.5	2.3	9.1	3.9	4.6	8.6	5.5	3.2	11.8	6.4	2.5	4.4	5.9
2013	5	9.0	9.6	4.6	19.3	14.4	5.0	5.8	13.8	10.1	9.5	19.3	7.6	9.5	6.6	8.5	13.6	5.9	8.4	4.6	8.7	9.4	4.8	4.7	13.4	16.4	7.1	11.1	13.3
2013	6	9.9	12.5	3.2	28.8	10.3	7.9	13.1	7.7	5.7	3.2	9.5	14.2	17.2	7.8	9.9	12.3	7.5	11.6	23.3	9.1	25.9	26.3	24.6	6.5	28.8	5.3	4.3	14.5
2013	7	14.1	15.1	5.2	38.8	6.0	24.6	13.6	10.1	21.1	10.6	7.7	22.4	12.0	11.0	14.5	19.8	10.5	21.8	14.2	17.2	15.1	10.6	16.1	38.8	17.2	5.2	14.1	8.5
2013	8	13.4	16.5	6.5	45.7	7.1	17.8	9.9	9.2	37.6	28.0	17.5	11.3	13.9	17.9	20.9	10.3	11.7	13.7	18.8	9.6	45.7	13.1	10.4	16.6	9.9	6.5	31.2	7.8
2013	9	12.8	13.5	3.2	26.3	12.2	12.9	4.9	22.2	12.7	26.3	19.5	3.2	21.3	12.4	22.1	13.5	14.3	11.4	17.4	4.6	10.5	7.4	7.3	16.1	17.6	6.9	19.1	7.3
2013	10	7.7	7.7	2.4	12.3	9.2	5.5	8.4	6.3	6.1	11.6	12.3	11.2	3.7	8.8	4.5	7.1	4.3	7.6	3.5	10.8	2.4	5.2	12.1	10.2	7.8	10.3	7.2	8.1
2013	11	6.2	6.4	2.4	16.7	6.4	2.7	8.1	4.8	7.4	5.0	5.9	8.2	7.0	16.7	3.2	5.6	9.7	6.0	6.6	8.8	3.6	2.5	7.3	2.4	5.8	5.0	7.8	7.9
2013	12	5.5	6.2	1.2	18.4	2.9	7.5	8.5	14.1	4.1	2.7	8.1	7.8	3.5	5.8	18.4	7.8	6.0	4.2	3.6	2.4	6.9	1.4	6.3	5.2	3.3	3.3	1.2	12.7
2014	1	4.7	4.7	2.3	9.0	3.4	3.4	4.5	6.0	5.4	4.4	5.3	4.5	2.3	5.0	3.6	3.8	9.0	4.7	4.6	3.9	4.9	7.7	5.7	2.5	5.5	5.3	5.2	3.3
2014	2	4.0	4.4	1.3	12.7	2.5	1.3	4.5	2.3	8.1	3.7	1.3	5.6	6.5	2.0	3.8	3.9	2.4	5.5	4.9	5.1	5.4	2.5	5.8	5.3	3.1	3.1	12.7	2.7
2014	3	4.8	5.1	1.4	11.4	6.8	4.4	8.4	7.6	4.8	4.4	3.0	3.6	4.8	7.0	2.4	3.8	1.7	5.2	3.3	5.4	3.4	1.4	6.0	3.1	6.5	4.7	11.4	7.3
2014	4	5.8	6.7	1.3	14.8	5.9	5.4	7.4	3.1	6.6	1.3	13.1	5.7	14.8	3.8	10.4	11.5	9.3	11.7	5.9	12.7	5.2	7.9	5.3	2.8	1.8	2.5	4.9	2.0
2014	5	8.9	9.3	1.6	18.3	2.3	4.4	3.5	8.1	14.3	11.6	10.4	16.3	4.1	1.6	16.2	5.9	2.5	16.4	7.5	18.3	9.1	10.9	5.9	8.9	10.8	17.6	6.6	9.0
2014	6	14.4	15.4	2.6	38.3	15.8	38.3	14.3	19.5	6.5	5.7	16.7	19.5	34.3	7.3	6.0	7.1	37.4	18.0	6.7	13.0	14.0	7.5	17.5	2.6	18.1	14.5	5.9	22.8
2014	7	14.8	17.0	5.3	36.0	13.6	36.0	12.5	34.1	21.0	9.7	10.7	18.0	17.2	9.7	29.4	13.3	10.1	5.3	10.7	5.7	21.4	26.9	12.4	21.4	16.1	18.7	12.0	22.7
2014	8	13.0	15.4	4.4	35.6	8.8	13.6	27.9	15.5	35.6	15.5	6.0	23.7	33.9	11.3	10.6	11.5	18.1	10.6	6.4	12.3	18.4	9.7	5.7	4.4	20.8	7.0	23.1	20.2
2014	9	12.6	14.0	1.8	29.6	12.5	13.9	5.4	5.3	11.2	27.8	19.9	11.0	11.3	20.3	15.0	15.2	23.7	15.2	1.8	10.9	7.3	9.3	8.7	12.6	21.7	14.7	29.6	11.1
2014	10	7.7	7.5	2.0	13.9	8.1	6.4	9.5	2.3	9.0	12.3	7.3	7.7	3.6	5.3	2.0	8.9	4.9	8.2	3.3	5.5	10.1	9.5	13.9	9.3	5.5	7.8	7.6	12.0

2018	2	3.8	4.1	2.2	9.1	3.1	2.6	2.9	2.2	5.9	3.8	3.5	4.4	2.2	3.9	2.3	5.3	3.8	7.1	4.1	4.4	3.1	9.1	3.2	2.4	4.2	2.4	8.0	4.5	
2018	3	4.0	4.6	1.3	16.2	3.2	3.6	4.4	16.2	5.6	2.9	2.2	5.5	5.8	4.9	3.1	3.2	1.6	1.8	4.7	5.1	3.2	7.4	2.4	1.3	2.7	5.1	8.4	5.7	
2018	4	5.7	7.2	1.0	20.5	4.4	1.5	3.0	16.5	8.8	11.8	4.1	1.0	9.5	13.1	8.2	20.5	5.6	11.3	4.3	10.2	4.7	4.2	2.8	5.7	5.0	5.9	5.9	5.7	
2018	5	11.3	11.4	2.2	31.9	5.1	14.8	3.7	6.8	14.2	16.8	14.4	2.8	15.3	15.6	4.2	31.9	12.2	9.6	10.4	6.8	2.2	7.1	20.7	13.2	7.5	12.6	3.6	22.1	
2018	6	9.6	11.4	4.4	31.9	15.4	16.3	10.9	31.9	6.1	15.5	7.4	12.4	7.4	4.4	8.8	5.5	18.0	9.1	10.6	7.1	10.7	10.0	7.4	9.2	20.4	5.6	7.1	11.5	
2018	7	17.6	16.8	5.4	32.8	8.0	17.5	10.3	17.8	25.6	18.4	10.9	12.2	7.5	26.8	10.3	20.3	5.4	10.4	20.2	18.5	29.4	26.4	25.8	9.6	10.2	8.0	20.9	32.8	
2018	8	12.7	14.0	7.1	30.9	13.0	8.6	18.9	28.9	8.5	9.3	13.9	7.1	16.6	13.4	10.7	20.7	20.0	12.3	10.5	8.1	7.1	17.5	12.3	7.8	14.9	17.2	30.9	17.1	
2018	9	12.7	14.0	7.1	30.9	13.0	8.6	18.9	28.9	8.5	9.3	13.9	7.1	16.6	13.4	10.7	20.7	20.0	12.3	10.5	8.1	7.1	17.5	12.3	7.8	14.9	17.2	30.9	17.1	
2018	10	5.9	7.9	1.1	21.4	2.1	21.4	9.0	3.2	17.1	13.3	17.4	5.1	5.3	5.8	5.9	17.7	5.9	3.9	6.0	5.3	5.6	3.9	1.1	7.9	7.4	5.7	8.2	6.1	
2018	11	6.7	7.2	2.3	14.6	4.8	6.1	3.3	7.9	8.9	6.7	8.1	8.5	2.3	9.6	4.3	5.5	10.1	5.5	13.8	6.6	4.9	14.6	10.7	7.5	6.7	6.8	3.9	8.7	
2018	12	5.6	6.2	2.2	15.3	3.2	3.6	7.4	6.6	5.2	15.3	6.3	3.9	3.2	3.5	7.9	4.3	6.9	5.2	2.2	8.3	4.1	7.7	13.4	7.5	5.7	5.5	6.2	5.2	
2019	1	4.4	4.9	2.3	8.3	3.6	5.3	2.9	5.9	3.0	6.1	3.4	6.1	7.7	4.3	2.3	6.8	3.0	4.3	4.3	3.5	3.4	7.7	4.6	6.1	5.7	8.3	4.5	4.3	
2019	2	3.5	3.9	1.4	10.7	5.9	1.6	5.8	2.6	1.4	4.3	10.7	4.9	3.4	3.8	3.5	2.4	9.5	2.8	1.8	3.7	3.9	2.6	3.0	3.6	3.0	3.6	4.4	2.3	
2019	3	4.9	5.4	1.0	16.4	12.0	5.0	1.8	2.6	2.7	1.6	6.6	8.1	1.0	2.6	2.4	16.4	8.4	4.0	10.3	4.3	5.0	4.8	8.1	6.4	5.9	2.5	5.1	1.6	
2019	4	5.3	5.9	0.9	15.2	3.7	15.2	0.9	4.3	5.4	8.7	4.3	5.1	3.6	2.0	5.5	5.2	9.8	4.7	5.5	6.0	2.4	6.0	7.6	2.9	4.8	8.4	8.4	12.0	
2019	5	7.7	9.0	3.2	19.1	7.2	6.1	3.6	13.1	10.1	12.5	10.8	11.1	12.1	6.3	4.1	5.1	11.3	3.2	9.8	17.2	7.5	3.8	19.1	7.9	6.6	17.6	4.5	5.3	
2019	6	10.0	11.1	4.1	25.5	7.1	9.8	19.6	16.7	6.6	7.9	25.5	7.1	12.4	4.9	5.5	10.2	14.6	4.1	8.3	12.3	7.2	16.8	14.1	11.7	14.6	9.0	15.7	5.5	
2019	7	11.4	12.8	2.8	26.7	12.0	15.8	17.0	26.7	13.5	11.9	7.7	2.8	2.1	3.5	9.8	19.8	10.6	4.2	10.6	10.9	8.4	24.6	22.8	9.8	16.1	9.4	6.2	12.6	
2019	8	13.1	15.6	4.1	29.8	4.1	8.2	29.8	14.1	23.7	20.7	18.0	10.2	5.3	27.5	21.3	10.5	12.1	11.9	10.0	20.4	14.6	19.3	24.1	28.2	11.9	10.7	6.6	16.9	
2019	9	12.9	14.6	6.1	32.2	9.4	20.9	6.5	8.2	10.3	9.0	21.9	29.8	11.4	16.3	16.2	10.6	14.8	13.8	14.6	7.6	7.9	15.4	6.1	20.6	10.5	32.2	24.5	12.0	
2019	10	7.5	8.1	2.1	17.2	2.6	3.7	5.7	7.6	9.0	9.4	7.1	7.1	16.6	5.8	17.2	9.2	8.3	6.4	5.1	4.5	10.5	9.2	10.2	7.5	11.2	2.1	12.6	7.2	
2019	11	6.3	6.2	3.0	11.2	7.3	8.8	6.8	5.7	6.7	4.3	7.9	6.3	7.8	3.0	4.9	3.0	6.3	4.6	3.3	4.2	5.7	8.9	11.2	7.1	10.6	3.9	6.5	4.3	
2019	12	5.1	5.2	1.4	9.5	2.6	9.5	3.8	4.2	5.6	3.3	4.9	5.8	5.0	5.6	5.6	5.2	9.0	6.2	4.4	5.2	5.4	1.4	4.1	4.7	4.7	2.0	6.2	9.2	
2020	1	5.8	7.3	2.1	27.5	8.2	20.2	6.5	7.7	6.3	4.8	4.2	4.3	4.6	2.1	3.4	6.5	3.6	7.4	8.6	3.5	8.1	3.9	11.8	5.1	27.5	4.4	6.3	5.3	
2020	2	3.9	4.3	2.1	7.8	2.8	2.5	5.8	6.0	3.5	2.5	4.9	4.0	6.1	7.8	3.3	4.8	2.7	4.8	3.2	6.1	3.7	2.2	2.1	5.2	3.3	3.0	5.8	6.5	
2020	3	4.8	6.1	2.7	17.3	5.3	5.9	2.7	4.4	5.1	4.6	10.2	4.2	5.9	4.6	3.6	16.3	3.7	10.6	17.3	6.9	3.3	2.8	3.2	6.7	5.9	4.5	6.3	2.9	
2020	4	4.7	5.4	0.8	12.1	9.4	2.5	2.8	6.1	12.1	5.8	6.0	2.4	6.5	3.7	2.6	11.2	4.1	4.7	2.1	1.7	7.8	6.3	0.8	7.5	4.7	1.9	12.1	4.6	
2020	5	8.9	10.6	2.0	22.0	5.3	6.0	22.0	9.8	16.4	16.7	9.3	17.5	9.8	5.9	2.0	6.4	18.5	6.2	6.9	11.7	13.4	7.8	7.1	6.4	15.9	4.4	8.4	21.1	
2020	6	14.3	17.2	7.2	55.3	24.8	11.4	14.1	55.3	20.4	10.1	19.6	16.1	14.6	9.6	11.0	21.6	10.0	10.4	7.2	11.3	10.9	13.0	14.0	27.8	18.8	14.9	30.5	15.3	
2020	7	13.9	18.1	6.5	65.4	18.9	49.2	14.1	16.0	30.8	12.3	14.1	11.4	65.4	12.7	14.2	8.0	6.5	9.9	8.4	14.8	11.7	13.6	8.5	11.6	16.7	10.4	38.0	17.4	
2020	8	13.2	15.4	2.5	36.5	36.5	11.5	26.8	9.3	9.2	15.6	10.1	6.6	36.5	14.7	7.9	19.8	13.1	6.7	11.6	9.6	6.5	26.3	23.1	13.3	2.5	14.7	27.0	31.5	
2020	9	14.2	14.6	3.8	30.3	13.9	5.8	16.9	10.2	3.8	15.4	9.2	12.9	30.3	18.8	11.3	18.0	22.8	14.6	19.6	16.5	13.9	6.7	13.0	19.9	13.6	14.7	16.9	16.9	
2020	10	5.9	6.7	3.1	12.5	8.7	7.6	8.2	3.1	7.8	6.0	10.9	5.5	4.4	4.4	4.1	7.1	12.5	5.5	10.9	4.3	8.5	4.3	5.3	5.5	5.0	3.7	9.9	6.0	
2020	11	5.7	7.3	2.3	19.9	6.6	5.2	3.3	4.2	5.6	3.5	19.9	9.2	8.3	5.2	19.9	9.2	8.3	5.4	9.9	6.9	19.0	11.9	9.9	3.6	5.7	4.5	5.8	8.0	7.9
2020	12	4.7	5.5	1.4	24.8	3.6	2.5	6.0	5.7	4.4	1.4	8.8	2.6	4.9	1.9	5.8	7.9	1.7	1.4	4.4	3.5	24.8	4.7	4.2	5.1	4.7	8.1	7.5	7.0	
2021	1	4.9	5.2	1.8	11.4	5.6	5.7	4.4	5.1	4.0	3.5	4.7	3.5	4.4	3.3	6.5	1.8	5.0	6.9	3.2	5.3	2.7	7.7	11.4	2.7	6.7	4.1	9.5	8.0	
2021	2	4.2	5.3	1.6	22.0	6.0	2.8	5.8	8.7	4.3	6.6	11.0	5.5	4.0	22.0	3.0	1.6	5.5	5.2	4.5	6.1	2.7	3.5	1.9	3.8	3.7	2.9	3.3	2.7	
2021	3	4.2	5.3	1.6	14.6	2.0	3.8	6.4	6.0	3.5	2.8	4.8	8.1	2.5	1.9	7.6	1.6	2.3	4.6	3.6	9.6	1.9	1.6	4.7	9.7	14.6	3.9	14.0	5.8	
2021	4	5.2	6.6	1.6	16.6	3.8	3.9	3.4	8.7	1.6	3.1	5.9	11.4	11.4	5.2	16.6	3.6	3.7	15.5	5.2	7.2	1.7	3.8	2.2	5.2	7.6	3.3	12.1	11.5	
2021	5	7.2	9.1	1.4	22.3	15.9	1.4	20.7	4.7	6.1	4.8	4.2	5.8	8.5	13.9	22.3	4.7	8.3	5.3	3.6	16.4	10.1	15.6	4.7	9.0	2.7	3.2	12.8	14.0	
2021	6	12.1	14.9	2.1	34.5	19.4	13.0	13.6	29.2	23.0	22.7	9.7	34.5	7.3	8.5	7.1	8.9	10.6	2.1	8.5	3.4	7.0	16.5	14.0	11.1	10.3	25.2	20.7	32.1	
2021	7	15.4	17.3	7.1	54.9	12.1	18.0	17.3	8.0	11.4	12.1	24.2	16.8	15.5	17.6	16.7	7.1	23.1	8.1	24.9	54.9	11.7	31.7	10.4	13.5	28.1	8.3	15.4	7.2	
2021	8	11.6	13.7	4.9	27.9	8.2	6.2	11.0	9.8	17.1	15.6	8.5	12.3	12.3	16.9	26.9	19.8	27.9	15.7	9.2	10.1	12.4	7.4	4.9	8.3	17.3	20.0	26.8	11.0	
2021	9	12.9	13.3	5.3	38.5	7.1	17.2	11.8	13.4	8.3	38.5	23.2	14.1	11.4	6.3	5.3	19.6	14.4	14.5	16.3	18.0	10.4	16.4	13.5	12.4	4.5	5.9	7.8	8.3	
2021	10	7.6	10.4	3.4	19.4	3.4	10.0	13.4	10.0	13.4	9.6	19.4	6.4	4.8	12.4	11.0	7.8	5.2	5.8	6.8	7.3	5.2	7.3	12.5	3.6	4.7	13.3	4.8	10.1	11.6
2021	11	6.1	7.4	2.2	17.6	9.9	2.8	3.5	8.1	5.7	11.3	2.2	14.7	4.9	6.1	3.3	5.3	14.8	5.2	4.2	4.2	9.0	6.5	13.3	2.9	17.6	6.0	8.6	8.2	
2021	12	5.3	5.5	1.1	10.5	9.3	6.3	2.9	6.0	5.9	4.9	5.1	10.5	5.2	3.5	1.1	3.4	6.0	5.3	3.6	5.1	6.1	5.3	4.5	6.0	3.1	10.0	7.9	5.9	
2022	1	4.7	5.4	1.4	14.8	2.1	3.6	7.5	4.7	14.8	4.8	2.8	5.7	3.4	10.9	3.0	5.7	1.4	6.5	6.9	3.6	14.0	3.6	3.0	5.9	5.1	5.2	4.3	2.7	
2022	2	4.3	5.1	2.0	18.0	6.7	7.7	6.3	4.1	4.4	5.0	5.5	2.2	3.5	6.8	4														

2025	9	14.1	15.1	4.9	48.9	13.9	7.9	21.7	13.1	5.7	11.7	48.9	14.2	15.8	18.7	4.9	19.3	13.3	12.5	14.6	16.3	24.2	12.0	8.2	16.2	20.0	14.9	6.8	6.7	
2025	10	7.8	8.2	2.7	19.9	13.1	5.7	12.1	2.8	8.6	9.0	9.4	7.8	4.5	5.4	3.4	15.6	19.9	5.1	10.3	3.3	10.5	9.1	5.4	4.7	2.7	7.3	7.9	13.2	
2025	11	6.0	6.8	2.2	14.7	5.1	6.5	12.5	4.2	7.0	8.4	6.1	3.5	11.2	7.6	14.7	5.6	2.2	6.6	11.6	5.0	5.1	6.3	5.9	9.5	4.9	5.0	4.6	5.1	
2025	12	5.0	5.3	1.0	10.3	5.6	6.3	7.5	3.8	9.1	5.3	7.1	3.7	1.7	3.4	9.4	2.4	8.3	2.7	4.3	7.8	10.3	4.4	3.6	7.2	4.7	2.9	1.0	5.2	
2026	1	5.4	6.0	2.2	10.2	5.3	5.0	9.6	10.2	6.3	2.2	8.7	3.8	2.5	4.2	4.0	7.9	5.4	2.7	9.6	8.2	6.0	5.5	4.2	7.2	8.4	3.5	3.8	10.0	
2026	2	4.2	5.8	1.7	15.3	4.2	3.4	2.6	15.3	2.8	8.4	4.1	5.4	14.2	12.2	1.7	3.4	7.4	3.7	2.5	5.6	9.3	3.3	3.6	3.9	4.2	7.8	4.4	5.7	
2026	3	5.4	5.5	1.2	11.4	9.6	5.1	11.4	3.2	5.6	6.1	6.6	4.5	7.7	6.8	7.3	6.5	8.1	8.1	2.8	1.4	3.2	3.4	3.2	11.1	4.3	3.5	1.2	3.2	
2026	4	5.3	6.1	1.0	14.3	13.6	11.4	6.7	1.8	2.0	1.5	7.9	9.4	5.9	3.8	1.5	1.0	5.2	8.1	4.8	14.3	8.6	7.9	5.9	5.2	4.3	5.4	3.2	3.4	
2026	5	7.6	8.4	1.4	19.7	16.5	3.7	9.4	8.8	6.5	3.2	13.2	5.7	19.7	2.9	1.6	11.6	13.7	10.7	10.4	14.2	10.1	7.8	6.0	3.6	1.4	6.8	7.0	7.5	
2026	6	9.5	12.2	5.2	28.7	7.7	16.6	8.2	28.7	8.3	14.9	10.4	7.2	8.6	8.9	15.2	5.2	9.3	6.8	11.8	18.2	8.0	20.4	19.2	6.6	9.7	5.2	20.9	15.5	
2026	7	15.9	16.7	5.8	29.3	9.6	5.8	14.7	16.7	18.9	12.5	16.9	11.7	23.9	19.4	12.1	13.7	9.8	17.0	9.1	8.8	15.1	14.0	27.4	27.6	29.3	17.4	25.0	23.7	
2026	8	9.9	11.8	4.8	31.2	4.8	20.1	6.4	10.7	8.8	9.5	16.9	7.0	6.9	31.2	7.1	14.4	10.5	15.1	11.5	10.1	24.4	10.8	8.6	7.5	8.6	9.8	9.2	10.4	
2026	9	14.3	17.7	4.6	43.5	30.7	7.9	11.0	20.4	34.8	20.0	13.4	15.1	6.5	4.6	43.5	19.3	14.3	12.7	13.4	32.4	13.4	13.5	11.0	21.3	6.1	14.2	28.8	16.0	
2026	10	8.8	9.0	1.9	15.9	1.9	5.2	6.1	5.7	9.3	6.8	12.4	12.5	3.0	5.8	9.8	7.8	14.1	4.6	8.8	15.7	11.2	13.8	5.8	11.6	12.9	7.1	8.8	15.9	
2026	11	6.0	6.2	2.1	11.8	5.1	6.5	4.3	7.4	5.5	6.8	5.3	4.2	11.8	9.0	11.1	2.3	6.6	2.4	9.6	11.2	3.1	6.5	2.1	4.8	4.5	6.6	6.8	5.1	
2026	12	4.6	5.4	1.5	13.1	13.1	6.2	4.0	1.5	8.7	9.6	6.0	3.3	3.2	10.3	3.6	3.5	7.3	3.4	3.6	4.9	5.4	7.3	4.6	3.3	4.8	4.2	4.7	4.5	
2027	1	4.5	6.5	2.3	21.3	5.7	17.7	2.6	4.1	4.2	17.3	6.1	6.3	3.5	2.3	2.6	3.6	5.7	10.6	7.6	4.3	3.0	4.7	3.2	6.4	4.7	21.3	4.3	3.9	
2027	2	4.0	5.4	0.4	27.1	27.1	1.9	0.4	2.2	5.4	6.2	4.1	3.8	3.1	4.1	4.0	9.9	3.5	6.9	5.2	3.8	2.7	1.9	4.0	10.4	3.6	1.7	6.0	7.4	
2027	3	5.3	6.1	0.8	13.1	3.7	0.8	13.1	10.4	4.8	4.8	5.3	1.8	13.3	6.6	4.9	5.0	5.7	4.8	5.6	2.3	6.8	2.8	5.3	8.5	13.3	4.6	10.3	5.8	
2027	4	4.7	6.4	1.5	20.6	5.9	14.0	5.9	4.4	7.6	3.6	8.3	2.1	3.9	3.9	4.1	3.9	5.6	2.0	3.2	4.2	4.7	5.6	2.7	20.6	19.3	10.8	4.9	4.6	1.5
2027	5	10.6	11.1	3.3	19.5	13.7	5.7	5.4	9.1	4.2	18.1	16.6	19.5	8.7	7.8	15.9	11.9	3.3	15.6	14.4	14.1	8.6	11.3	7.4	15.0	16.5	5.2	8.3	9.3	
2027	6	10.8	13.9	3.0	44.8	8.4	9.1	24.5	10.3	13.9	8.3	5.4	5.2	14.9	3.0	11.5	25.9	10.4	8.5	11.8	13.9	19.8	11.2	9.1	25.3	44.8	6.9	20.3	10.1	
2027	7	15.2	18.0	5.6	48.4	17.1	17.9	48.4	15.6	10.9	12.5	16.5	19.2	14.8	29.1	13.3	10.7	35.4	11.1	38.8	9.5	10.7	16.9	16.3	14.3	12.7	5.6	13.6	20.9	
2027	8	12.9	14.5	7.4	26.7	12.9	18.2	15.1	10.4	21.0	26.7	20.2	23.9	12.0	13.7	12.8	9.9	7.9	12.8	11.3	10.5	24.5	8.9	17.4	9.7	13.1	8.9	18.2	7.4	
2027	9	10.9	13.0	3.2	39.6	5.9	17.1	18.2	16.2	4.7	23.2	8.2	7.4	10.8	16.5	21.8	11.1	12.2	5.1	39.6	17.4	7.0	9.0	12.5	10.5	17.5	7.8	10.1	3.2	
2027	10	6.3	8.1	3.3	16.9	4.2	16.9	11.2	4.7	5.9	9.5	13.3	15.5	5.1	6.0	4.2	6.5	5.1	5.6	5.6	4.9	3.3	16.0	7.4	8.7	12.7	3.6	9.9	7.7	
2027	11	5.5	6.3	1.7	14.1	5.3	7.6	6.7	2.4	2.5	5.7	4.7	5.1	11.2	4.2	11.9	5.6	5.1	5.0	6.0	5.4	3.6	7.1	4.3	11.7	14.1	1.7	6.5	8.2	
2027	12	5.0	5.8	2.6	14.4	4.8	8.4	5.3	4.7	14.4	6.6	3.7	10.3	4.9	5.2	11.0	4.4	3.9	7.6	3.9	5.9	5.8	3.9	2.6	2.7	6.8	2.9	5.7	4.2	
2028	1	4.3	5.6	2.7	20.5	3.9	6.5	6.1	4.0	6.4	2.8	3.8	4.5	4.8	4.8	8.7	6.1	2.7	5.9	6.4	3.8	4.1	7.9	4.2	3.8	6.4	4.0	20.5	3.9	2.8
2028	2	4.9	5.5	0.7	27.4	4.8	7.1	3.9	5.0	5.0	1.7	5.2	5.0	5.0	3.6	0.7	3.8	2.5	27.4	6.3	6.1	1.5	4.8	5.5	3.9	3.2	7.4	7.2	4.3	
2028	3	5.4	6.1	1.2	11.8	8.5	2.2	6.3	5.8	9.4	7.0	3.6	3.4	5.4	2.9	6.3	11.4	1.6	8.4	11.7	4.7	4.9	4.8	5.4	11.2	11.8	3.5	11.6	3.7	
2028	4	6.9	5.8	0.3	14.5	9.9	14.5	4.9	14.5	3.9	1.6	4.1	6.7	6.8	9.5	4.6	5.5	6.9	3.8	6.5	7.3	4.7	7.3	3.0	6.3	6.1	2.8	5.8	5.8	
2028	5	8.3	10.0	1.6	14.4	6.3	9.7	14.1	5.3	6.1	6.2	6.2	7.9	10.8	18.8	11.0	22.9	8.7	13.3	12.3	4.6	1.6	2.9	11.5	19.3	8.6	13.1	7.2	5.3	24.4
2028	6	11.8	12.7	5.2	20.7	6.2	12.1	6.6	15.4	18.0	14.3	7.5	18.0	19.3	7.5	17.6	10.0	19.0	13.6	5.6	11.5	9.7	10.1	15.0	20.7	10.8	5.2	19.0	19.0	
2028	7	13.8	15.1	5.8	36.6	15.7	9.0	30.4	11.2	18.6	9.3	12.5	8.6	12.7	7.1	5.8	7.3	15.0	21.8	16.8	7.0	30.2	15.1	18.6	16.4	10.3	9.3	15.9	36.6	
2028	8	12.5	16.2	6.7	51.0	7.3	8.7	20.8	11.6	14.7	6.7	17.0	40.3	17.5	12.9	51.0	8.9	7.2	11.0	14.2	22.7	25.5	28.4	8.3	7.7	12.1	16.2	8.9	8.6	
2028	9	15.1	14.6	5.4	23.7	23.3	8.0	17.0	12.0	15.4	18.2	8.4	14.9	10.7	14.4	5.4	20.0	15.3	14.1	10.2	16.4	23.7	15.8	17.1	10.1	7.8	17.1	13.0	21.7	
2028	10	6.9	7.4	3.0	14.3	9.0	5.7	5.2	9.3	5.7	7.2	14.3	14.1	3.3	7.3	3.5	7.5	7.1	5.8	6.7	3.3	13.9	4.8	3.3	3.0	7.8	6.4	9.5	12.6	
2028	11	5.9	6.7	2.2	15.1	4.2	6.1	8.9	5.1	3.7	2.2	8.3	7.1	2.7	15.1	3.1	5.3	6.6	5.0	6.1	12.2	8.0	3.2	3.5	12.9	9.0	5.6	5.6	11.7	
2028	12	4.7	5.3	1.6	9.8	3.2	4.3	5.2	2.8	6.4	6.7	7.6	7.0	3.4	1.6	4.5	4.4	2.1	9.8	4.1	8.4	9.0	2.5	5.4	7.7	2.8	4.0	9.3	9.3	
2029	1	5.1	6.3	1.6	14.9	4.9	3.6	5.7	3.5	4.3	3.6	1.6	4.0	14.9	3.7	8.5	9.3	9.5	4.3	3.3	5.0	5.8	14.6	8.7	5.2	5.4	3.4	7.2	10.3	
2029	2	3.7	4.2	2.0	10.1	3.2	3.8	6.3	2.0	3.4	6.5	5.5	4.2	2.6	5.2	3.1	3.7	4.8	2.3	4.8	3.7	3.4	3.3	10.1	2.6	5.1	3.4	5.1	2.9	
2029	3	4.6	5.9	2.1	15.5	2.1	4.4	5.8	7.3	10.6	4.5	3.5	6.2	4.3	2.8	15.5	2.1	3.1	8.1	5.4	4.4	5.9	4.4	11.2	10.1	7.8	4.6	3.0	4.1	
2029	4	6.5	7.2	2.4	17.1	9.3	6.9	8.5	6.6	9.4	9.1	2.5	13.0	7.1	6.5	5.6	4.9	13.8	2.9	17.1	13.9	3.6	4.1	2.4	3.4	4.2	5.2	8.4	5.7	
2029	5	8.1	8.8	1.5	29.2	5.2	1.5	3.1	11.4	14.6	12.4	18.3	16.2	9.9	8.6	10.0	6.8	5.8	3.7	29.2	8.1	10.1	9.7	8.9	5.5	16.3	12.2	8.1	5.7	
2029	6	10.9	11.7	3.8	30.1	3.8	5.7	11.6	14.5	10.7	11.1	13.3	9.9	7.5	7.1	11.9	14.0	10.6	7.4	21.2	5.1	7.9	13.9	21.7	15.9	30.1	4.0	14.7	8.0	
2029	7	11.5	15.5	7.1	42.2	22.4	14.9	11.3	12.2	16.5	9.3	25.5	10.2	7.3	10.7	42.2	9.1	8.0	8.6	22.7	17.3	22.4	8.1	23.6	11.0	11.7	7.1	10.3	28.8	
2029	8	13.4	15.2	5.8	47.2	47.2	6.5	14.0	11.2	29.0	13.1	18.3	5.8	10.1	15.5	5.8	12.2	13.2	21.9	13.5	6.6	17.6	21.4	15.3	18.3	10.3	9.1	13.4	16.1	
2029	9	14.1	15.0	6.8	40.6	21.3	6.8	7.6	11.2	7.0	14.6	11.3	1																	

2033	4	5.6	6.4	1.1	13.0	4.8	10.3	7.0	3.8	1.8	7.8	4.3	4.8	1.1	12.0	9.0	2.6	7.3	11.0	5.7	8.8	4.0	5.4	8.0	2.5	3.6	3.1	11.3	13.0	
2033	5	9.4	10.5	3.2	25.1	4.9	3.8	25.1	9.3	10.9	8.2	9.6	5.4	9.5	4.7	16.4	3.2	12.9	6.9	17.1	18.0	8.6	7.3	10.2	25.1	13.0	3.8	13.2	5.7	
2033	6	8.9	11.5	5.3	24.5	4.6	10.5	15.4	22.4	8.5	8.7	8.6	7.2	9.0	5.6	6.6	5.3	10.5	7.3	11.7	14.7	15.4	23.6	24.5	8.8	6.4	7.7	7.0	19.8	
2033	7	13.0	15.8	7.5	29.6	13.5	13.0	9.7	9.0	11.2	12.0	19.2	7.5	23.6	21.6	10.2	13.1	29.6	20.1	27.6	27.9	16.0	26.3	9.1	11.0	9.8	17.1	9.3	12.8	
2033	8	14.9	16.9	4.2	36.7	20.5	4.2	13.2	11.2	36.5	13.0	16.6	19.8	7.9	27.4	7.0	22.2	17.7	12.7	23.9	36.7	5.5	12.4	9.9	26.8	9.8	4.3	23.0	22.5	
2033	9	14.3	13.7	3.1	25.7	19.1	14.9	7.7	20.9	15.2	15.8	9.4	8.6	14.4	19.8	7.8	7.6	11.5	14.1	14.7	25.7	11.2	9.3	3.1	8.7	22.7	18.8	9.5	17.3	
2033	10	6.2	7.6	2.6	16.8	11.6	5.9	16.8	6.0	9.0	5.7	6.9	4.1	5.8	10.0	10.3	2.6	14.7	13.8	6.7	12.2	7.6	4.2	4.6	4.6	6.4	3.8	9.9	3.9	
2033	11	6.3	7.4	1.2	19.4	6.0	7.4	4.8	14.2	13.4	19.4	6.2	5.8	6.8	3.6	3.4	8.4	5.1	6.6	13.5	6.5	11.3	6.5	5.8	3.0	1.2	8.6	4.5	8.6	
2033	12	4.9	4.8	1.2	7.9	4.4	3.2	7.2	7.9	1.2	4.8	5.1	4.6	6.1	5.0	6.7	5.5	4.2	4.9	4.3	6.6	4.2	5.9	4.9	4.0	1.8	2.7	4.8	5.9	
2034	1	5.2	6.1	1.4	12.6	4.9	5.1	11.0	5.2	6.6	10.4	1.4	10.3	5.9	12.6	2.1	7.5	2.0	3.3	8.9	2.8	5.2	7.1	10.2	2.9	2.3	4.7	3.1	11.3	
2034	2	5.0	5.3	1.9	10.3	3.8	7.3	10.1	2.7	3.8	6.6	4.9	4.6	5.2	5.1	4.2	6.6	10.3	2.5	6.8	6.3	4.3	1.9	3.9	2.8	5.7	6.5	4.6	6.4	
2034	3	4.4	5.8	1.7	15.6	2.9	5.3	8.7	3.9	3.1	10.0	12.0	5.2	2.5	6.4	4.5	12.3	2.2	7.0	2.9	3.5	2.3	3.2	4.0	9.8	6.4	4.3	15.6	1.7	
2034	4	5.2	6.7	1.6	14.9	11.9	6.8	13.5	12.5	9.8	2.6	4.5	4.5	1.7	3.0	2.1	1.6	5.2	8.7	4.1	14.9	3.8	8.6	14.1	6.3	3.2	3.3	9.8	5.3	
2034	5	10.1	12.7	2.7	47.1	47.1	16.9	17.8	5.3	14.6	2.7	9.5	3.0	9.5	16.8	22.3	17.3	5.0	3.3	10.0	13.2	6.0	10.8	9.0	18.6	21.4	8.8	10.2	6.8	
2034	6	12.0	13.7	5.0	31.1	15.5	11.3	7.3	20.0	23.5	7.1	22.9	8.0	17.9	5.4	11.9	10.5	6.5	31.1	18.9	8.0	10.6	13.1	12.0	18.5	9.9	5.0	13.8	19.8	
2034	7	16.3	18.0	7.1	34.1	23.7	33.8	16.2	11.4	12.7	14.9	26.9	7.1	29.6	30.8	17.4	22.8	34.1	16.5	7.3	25.1	14.9	13.9	14.0	16.6	10.3	16.3	10.0	8.0	
2034	8	16.2	18.5	5.4	38.5	18.0	7.6	32.1	10.9	21.3	15.3	31.4	29.3	17.9	8.3	8.3	5.4	9.6	12.6	30.5	10.9	17.1	7.0	13.5	38.5	25.4	28.2	33.8	10.2	
2034	9	9.8	11.0	4.7	22.2	15.5	11.2	7.4	6.6	7.9	8.8	9.2	14.7	15.1	10.6	8.3	7.4	8.2	4.7	5.1	12.6	10.4	7.6	6.0	11.5	15.0	17.6	22.2	19.9	7.4
2034	10	8.1	9.9	2.8	16.7	14.0	13.3	8.4	3.3	5.2	6.9	8.4	15.2	8.8	14.5	7.7	6.6	14.3	5.0	2.8	3.9	13.0	3.8	11.0	16.7	10.0	7.1	6.3	7.4	
2034	11	6.9	7.0	2.7	13.1	6.8	7.5	4.9	7.5	8.2	6.5	9.5	8.5	5.9	7.5	8.2	5.8	5.6	2.7	8.9	8.1	5.9	13.1	10.9	3.8	7.0	4.2	5.8	6.4	
2034	12	4.7	6.2	1.9	17.9	2.6	6.5	14.5	6.0	1.9	5.4	6.6	2.8	1.9	5.2	10.4	15.0	3.2	2.4	3.8	2.2	12.7	5.4	4.1	4.9	3.8	4.2	17.9	4.5	
2035	1	4.1	4.2	2.3	6.9	3.2	2.8	5.5	2.9	4.2	5.9	4.2	4.4	4.0	2.7	4.7	6.3	2.3	2.6	2.7	6.3	6.4	6.9	2.7	4.9	2.4	6.5	3.1	3.5	
2035	2	4.4	4.6	2.5	8.5	5.3	3.7	3.0	4.2	4.1	3.2	5.8	4.1	2.8	3.8	2.5	8.4	5.0	5.8	4.9	5.7	2.8	2.8	8.5	5.8	4.8	2.6	4.6	5.7	
2035	3	4.5	5.6	2.0	14.8	8.3	7.4	3.6	3.5	4.5	2.0	2.8	8.2	4.2	6.1	4.5	6.4	2.8	3.3	14.8	5.4	2.5	3.9	7.3	4.4	5.7	3.0	14.4	6.5	
2035	4	3.7	5.2	1.4	20.3	3.5	2.5	3.9	1.6	5.0	5.2	7.7	5.3	2.8	11.3	7.8	6.5	3.3	20.3	6.0	1.4	1.6	1.9	2.3	1.7	6.3	3.5	12.0	2.3	
2035	5	8.8	11.1	3.6	31.8	4.3	3.6	6.7	8.8	7.5	31.8	7.5	12.5	4.9	7.1	7.7	21.2	15.8	18.0	14.1	13.9	8.9	8.0	11.7	4.9	15.4	14.5	7.3	10.2	
2035	6	11.9	14.5	4.6	42.1	8.7	8.5	20.2	5.2	6.9	7.5	19.6	10.0	21.9	12.1	6.5	22.2	13.0	18.6	23.2	27.4	11.8	4.6	15.3	9.3	14.9	9.4	42.1	6.1	
2035	7	18.4	21.7	6.3	63.6	63.6	22.1	39.0	26.3	29.8	12.0	18.9	14.8	50.0	11.7	15.6	28.0	26.6	20.0	15.9	8.6	9.8	6.3	12.5	11.3	20.0	15.2	25.0	18.0	
2035	8	17.0	21.5	3.5	57.7	34.9	22.5	37.6	50.0	57.7	17.6	19.7	18.2	10.4	13.0	11.6	36.8	3.5	16.5	16.4	10.5	24.4	7.6	8.5	8.9	6.9	10.7	33.1	37.8	
2035	9	12.0	13.5	2.8	29.6	8.5	7.5	9.4	16.1	8.3	16.6	24.3	13.1	29.6	8.1	18.4	5.4	4.3	10.9	27.0	3.7	23.4	13.1	4.8	18.3	14.2	2.8	28.9	6.9	
2035	10	6.8	8.1	3.6	18.8	6.5	18.8	5.7	3.7	7.5	11.0	6.6	6.3	6.3	8.2	4.6	7.4	4.5	5.9	5.2	4.6	3.6	7.0	4.5	4.3	8.5	18.4	15.0	15.0	
2035	11	7.0	7.7	4.9	15.7	8.6	6.6	8.7	11.3	8.3	8.9	4.9	5.7	13.2	6.9	10.0	15.7	6.6	7.5	10.0	15.7	5.4	7.1	5.0	5.6	5.9	8.1	6.2	7.2	
2035	12	5.6	6.7	2.1	20.1	18.1	6.3	6.4	5.8	20.1	4.8	5.8	6.3	4.2	4.8	8.2	6.4	16.7	6.3	2.5	2.6	4.5	5.7	2.5	3.2	8.0	2.1	5.2	5.2	
2036	1	4.5	4.5	2.2	9.9	3.8	6.8	4.9	3.3	4.3	9.9	4.2	5.4	2.2	2.6	7.4	8.0	4.8	5.0	2.8	2.5	5.0	6.8	3.7	7.9	2.4	5.2	4.2	3.9	
2036	2	4.2	4.4	1.6	8.5	4.8	5.2	5.3	2.9	6.0	2.9	5.5	3.5	4.0	8.5	1.6	2.6	3.5	3.0	7.3	3.0	6.9	2.6	5.5	3.7	4.2	5.1	4.6	4.1	
2036	3	4.5	5.1	1.7	14.5	4.2	8.4	3.5	4.4	3.6	4.0	5.3	3.6	5.0	1.7	5.7	3.9	4.5	5.6	14.5	4.8	2.8	6.7	4.5	6.0	3.9	5.2	4.2	6.3	
2036	4	6.5	7.0	2.7	15.7	2.7	3.4	8.4	15.7	9.7	7.2	3.0	5.9	6.4	8.8	7.1	5.6	5.2	14.0	3.8	3.1	5.9	8.8	7.7	11.2	5.0	2.9	10.7	6.6	
2036	5	9.6	10.8	4.4	31.3	4.4	4.4	6.8	16.5	11.8	10.1	10.5	14.4	16.9	8.9	13.4	6.0	6.9	14.6	6.6	6.7	7.2	15.6	10.8	13.2	9.2	4.5	8.2	31.3	
2036	6	10.0	12.5	3.9	48.9	8.5	22.6	5.1	9.3	11.1	9.8	7.8	4.7	6.8	17.9	12.5	14.2	9.8	6.5	3.9	18.3	10.1	48.9	8.4	18.9	12.7	11.9	13.4	5.9	
2036	7	17.4	18.9	4.6	37.9	17.6	37.7	29.9	36.1	8.3	18.8	13.4	10.5	4.6	4.6	7.0	37.9	9.6	12.5	15.2	24.8	15.5	25.8	18.6	23.3	17.2	25.0	25.9	13.1	
2036	8	14.0	15.3	5.2	33.0	10.4	14.9	16.6	15.4	5.2	19.6	7.3	12.3	22.3	27.2	8.9	11.5	11.9	17.5	13.6	28.0	10.4	17.5	7.1	12.9	12.7	16.4	33.0	14.5	
2036	9	13.7	12.7	2.1	25.7	23.5	15.1	5.7	13.5	25.7	14.5	22.3	6.0	9.3	16.5	8.1	6.3	10.8	15.1	7.0	15.2	2.1	13.8	6.8	14.9	3.2	16.5	21.3	12.2	
2036	10	9.2	9.1	3.4	16.0	4.2	15.1	11.1	6.3	10.3	10.3	9.2	9.2	13.0	4.3	6.4	6.5	11.9	7.6	9.9	8.9	6.1	16.0	11.0	10.5	8.1	6.4	7.9	9.9	
2036	11	5.4	6.6	2.2	14.6	4.8	2.6	7.8	7.5	4.3	4.6	4.3	12.6	9.3	9.4	4.1	5.1	7.1	3.1	10.9	2.2	4.7	5.0	5.7	9.6	9.2	7.2	14.6	3.7	
2036	12	4.5	4.9	2.7	9.4	8.5	4.9	2.7	4.5	6.3	4.2	4.4	4.9	5.0	4.6	7.7	9.4	5.4	4.3	4.5	3.9	4.1	3.2	4.4	4.2	4.4	6.4	4.8	4.8	
2037	1	4.5	5.7	1.7	15.3	3.7	5.4	15.3	2.0	5.4	8.3	3.8	7.9	4.4	3.8	2.2	6.8	2.6	3.4	10.2	2.4	6.7	13.8	4.0	2.0	4.7	6.6	3.8	8.6	
2037	2	3.2	4.2	1.1	11.2	3.1	2.1	4.7	2.5	5.1	2.3	1.5	10.3	7.8	3.1	1.1	3.6	2.6	5.4	3.1	11.2	2.0	8.2	4.2	1.8	3.2	4.1	4.6	3.0	
2037	3	4.0	4.2	0.9	7.2	3.7	7.2	1.9	4.4	4.6	4.6	7.2	6.0	5.9	4.4	2.6	3.2	0.9	3.7	2.9	4.3	2.9	3.4	2.9	4.9	3.6	6.2	2.7	7.2	
2037	4	5.6	6.4	1.1	18.1	2.5	11.1	3.2	6.1	9.0	7.2	1.4	2.5	18.1	9.0	10.3														

2040	11	6.2	6.7	1.8	12.2	12.2	3.1	1.8	10.2	11.1	4.2	2.7	6.1	9.3	10.0	9.2	4.7	4.5	9.0	8.6	3.9	6.8	5.9	7.5	9.6	6.3	4.0	5.8	3.2	
2040	12	5.5	5.5	1.9	13.3	3.6	3.8	3.0	5.4	5.3	13.3	7.5	6.7	7.8	2.9	4.8	7.0	3.7	3.6	9.0	5.9	6.3	2.5	1.9	3.4	6.4	5.9	5.5	6.7	
2041	1	4.5	4.7	1.6	10.2	4.8	2.2	6.8	4.2	5.3	1.6	4.5	8.7	10.2	2.3	7.4	5.7	4.1	4.5	3.6	1.8	1.6	4.9	5.1	4.4	6.3	5.5	3.6	4.5	
2041	2	4.1	5.5	1.8	19.2	4.0	3.7	3.2	4.3	7.8	4.0	13.5	2.8	2.9	4.3	6.8	7.1	3.5	4.1	1.8	4.5	10.2	3.5	3.2	3.5	3.7	6.0	19.2	4.1	
2041	3	4.7	5.5	1.9	13.9	4.5	1.9	13.9	8.5	8.4	7.1	4.9	2.1	7.5	9.2	3.8	7.2	2.2	2.1	4.6	2.9	2.9	3.7	5.0	5.4	13.4	3.1	6.3	2.5	
2041	4	5.0	5.1	0.3	12.3	6.5	6.3	3.0	6.5	4.9	9.0	2.4	0.9	7.8	12.3	4.6	4.8	4.0	5.8	3.0	2.4	1.9	6.5	9.2	0.3	5.2	1.0	8.7	6.0	
2041	5	9.6	10.6	2.9	20.9	9.5	6.6	11.6	7.3	19.6	6.9	2.9	20.9	6.1	15.8	9.0	9.6	15.5	18.1	8.3	12.9	4.7	3.5	9.8	17.0	4.7	3.7	15.3	15.3	
2041	6	11.3	13.9	2.4	43.9	25.5	17.0	6.0	5.8	18.4	8.5	15.8	7.7	6.0	16.9	14.0	4.9	9.1	15.5	5.9	13.4	13.6	4.8	4.8	31.9	30.3	2.4	6.7	8.9	
2041	7	15.0	16.2	4.3	31.2	15.7	31.2	10.5	9.2	14.3	10.4	28.2	22.3	29.8	18.4	27.9	7.3	24.7	18.0	11.2	4.6	19.8	11.1	20.0	11.6	4.3	9.5	19.1	9.8	
2041	8	13.4	18.0	4.4	63.0	12.0	8.4	4.4	13.1	13.6	22.4	17.8	63.0	25.6	20.4	10.4	15.8	14.0	7.0	21.0	7.6	10.5	11.0	13.3	29.9	19.8	9.1	12.6	19.4	
2041	9	12.6	13.3	4.0	31.7	20.9	7.7	15.5	7.3	9.1	8.0	22.4	17.1	15.0	15.0	31.7	10.8	6.1	7.3	4.0	21.9	8.2	14.8	11.4	12.7	14.9	13.3	12.4	11.3	
2041	10	7.5	8.3	2.0	21.1	11.2	7.5	21.1	12.1	6.2	4.7	7.5	4.9	8.7	11.1	5.3	18.1	3.1	6.1	7.7	5.5	6.3	8.5	10.3	4.2	5.7	11.7	8.9	2.0	
2041	11	6.5	6.7	2.6	16.1	8.7	2.6	7.6	2.8	4.8	4.1	9.6	8.8	6.3	7.2	8.8	6.9	4.5	5.9	4.0	6.8	6.6	3.0	12.6	5.5	4.1	7.5	16.1	6.1	
2041	12	6.3	6.6	1.7	17.1	2.6	4.6	4.6	8.5	17.1	10.6	1.7	10.7	4.9	4.2	6.9	6.3	5.6	6.7	8.7	4.0	3.9	7.5	6.3	6.4	3.5	4.8	2.5	8.2	13.1
2042	1	5.3	6.8	2.4	19.2	3.0	19.2	5.8	6.0	4.9	4.9	5.3	4.6	4.7	14.8	9.5	10.7	5.3	4.6	6.7	4.8	8.9	10.1	4.4	3.1	6.3	2.4	4.5	7.8	
2042	2	4.9	5.1	2.0	9.4	4.9	6.3	4.1	4.5	3.2	6.4	4.9	5.6	7.1	7.1	2.3	5.5	2.0	4.6	5.7	7.6	4.0	2.5	9.4	3.1	5.5	3.6	4.0	9.3	
2042	3	5.9	6.5	1.6	22.8	6.6	7.0	3.4	1.6	22.8	6.6	2.8	5.0	4.7	2.0	5.1	8.9	4.5	9.8	6.4	7.2	3.8	8.2	7.9	4.6	5.7	4.0	6.0	10.4	
2042	4	5.6	6.8	2.4	17.9	2.6	2.9	4.4	5.0	5.9	12.4	17.9	5.7	6.2	5.1	5.2	8.5	5.5	7.5	2.6	6.3	3.4	11.3	5.2	2.4	9.3	3.6	17.1	6.2	
2042	5	9.6	10.0	3.2	17.9	7.9	8.8	16.8	11.2	5.2	10.7	3.2	11.9	7.6	6.6	13.8	12.8	3.2	9.2	15.8	10.0	17.9	5.8	5.8	17.1	10.8	6.2	15.2	5.6	
2042	6	13.4	14.1	2.3	39.1	7.3	11.4	8.0	27.2	7.4	11.4	7.3	12.9	9.5	4.4	15.3	7.3	2.9	10.2	17.2	14.7	27.2	6.7	30.0	12.6	39.1	20.0	25.9	2.3	
2042	7	13.4	16.2	6.5	39.7	12.4	34.7	7.5	12.8	7.5	11.9	6.6	15.5	27.3	8.6	10.5	14.5	14.0	8.9	6.5	33.1	14.0	28.1	39.7	17.0	10.3	15.3	22.8	9.1	
2042	8	12.7	17.7	5.1	49.9	6.4	9.6	5.1	12.4	14.5	16.7	7.5	26.9	9.4	28.9	6.3	6.5	7.1	32.1	12.9	26.6	45.0	12.4	16.3	6.3	21.7	49.9	38.6	5.6	
2042	9	15.8	15.8	4.4	29.4	4.9	10.6	9.5	15.8	14.5	21.7	29.4	12.1	22.6	8.1	15.8	23.6	23.6	16.5	20.7	19.2	15.3	17.3	4.4	22.8	4.5	9.7	23.1	13.9	
2042	10	6.3	8.2	3.0	24.5	3.0	11.3	13.5	7.6	6.3	4.9	6.2	5.7	4.1	3.7	8.9	6.4	15.1	4.3	4.7	8.0	6.6	8.8	5.2	24.5	9.2	4.8	19.7	5.7	
2042	11	5.7	6.9	1.9	23.0	3.2	5.7	6.2	6.3	4.9	3.1	23.0	5.7	9.4	4.2	4.9	1.9	5.7	8.3	3.2	16.4	2.9	9.0	2.7	5.6	7.7	7.4	10.2	8.0	
2042	12	4.7	4.6	2.0	8.4	4.8	5.5	8.4	2.8	2.1	5.0	2.7	4.5	5.3	4.0	3.1	5.9	3.8	8.2	5.9	4.8	6.3	4.0	2.7	5.4	3.4	2.0	6.8	2.4	
2043	1	4.7	5.1	2.7	9.4	7.1	5.5	6.7	6.0	3.1	5.0	7.0	6.3	2.7	7.0	6.7	4.4	4.8	4.1	4.0	4.6	5.3	2.7	4.5	4.1	9.4	4.5	3.3	4.7	
2043	2	4.1	4.4	2.0	8.5	2.3	5.4	5.8	2.6	5.8	3.4	7.0	4.4	3.5	3.5	5.3	2.6	2.0	6.8	3.3	6.0	3.7	5.9	8.5	2.8	2.5	2.5	5.5	4.6	
2043	3	5.1	5.0	0.9	8.9	6.6	5.2	8.9	5.7	5.1	4.2	6.3	2.7	6.0	4.5	8.5	6.5	0.9	5.1	5.2	4.9	4.0	3.1	2.8	6.1	7.8	5.2	3.1	2.5	
2043	4	5.0	5.8	0.4	11.6	7.6	2.8	3.4	10.5	6.0	5.0	11.6	3.4	3.1	2.3	3.3	5.4	6.2	10.9	9.4	0.4	7.1	9.7	5.0	4.9	2.5	5.1	11.2	2.2	
2043	5	6.3	8.8	2.4	26.0	6.7	18.7	3.3	7.1	6.9	6.4	11.1	13.2	4.1	6.2	9.5	10.3	6.6	6.5	4.7	4.5	14.4	7.6	6.0	26.0	18.1	2.5	2.4	9.6	
2043	6	10.2	16.5	2.9	37.0	19.7	33.0	14.6	11.6	9.6	37.0	9.3	15.3	4.1	25.4	7.1	13.1	2.9	38.2	7.3	11.3	5.6	38.2	7.3	11.3	5.6	6.9	19.8	2.9	
2043	7	13.9	18.5	6.9	38.7	13.4	17.8	19.3	14.5	9.7	17.2	17.0	13.2	58.2	10.4	26.6	9.5	58.7	25.2	32.8	10.1	16.8	8.6	9.3	8.4	7.8	12.3	14.3	6.9	
2043	8	12.8	15.8	6.0	32.3	15.4	9.2	11.4	31.7	13.7	27.6	19.3	7.0	9.3	11.6	32.3	9.3	15.3	24.0	12.0	6.0	6.5	11.2	17.0	25.4	18.2	11.5	7.2	7.2	
2043	9	13.6	13.6	4.7	28.2	16.3	8.3	4.8	10.1	6.3	18.2	8.5	17.6	13.9	8.7	28.2	25.3	4.7	9.6	7.1	10.9	13.8	18.1	9.9	16.4	13.5	18.6	20.6	16.5	
2043	10	7.0	7.6	3.5	14.4	4.0	7.2	9.2	7.3	6.8	12.3	6.9	13.1	6.3	7.3	3.8	4.0	6.4	3.5	5.5	9.6	8.6	6.6	9.3	14.4	10.4	8.6	4.8	6.1	
2043	11	5.8	6.7	3.1	14.5	6.2	7.4	3.6	7.2	6.2	13.0	8.3	4.6	3.3	4.2	3.1	5.2	10.0	5.5	14.5	9.2	8.4	5.0	12.1	4.5	3.5	4.5	6.2	4.0	
2043	12	5.0	5.4	1.6	11.0	8.4	2.8	8.3	4.2	1.6	2.3	6.4	8.5	6.2	11.0	8.3	6.5	4.5	7.2	4.4	4.8	4.8	5.2	2.4	1.7	8.3	4.6	5.5	1.9	
2044	1	5.1	5.7	2.3	14.1	4.7	6.3	5.1	2.3	4.5	4.4	5.3	4.0	3.8	6.7	7.5	4.2	14.1	5.9	6.8	5.0	3.8	10.4	4.2	5.7	8.1	3.0	5.9	4.1	
2044	2	4.2	5.2	1.1	18.8	2.9	4.2	5.2	6.2	4.3	2.2	6.6	7.9	4.5	2.8	7.9	3.7	18.8	2.6	3.2	1.1	2.2	6.5	3.4	10.4	1.1	2.3	4.1	11.8	
2044	3	4.6	5.1	2.3	11.6	9.0	6.5	5.1	4.7	2.8	5.6	4.1	11.6	3.8	4.5	2.5	4.8	2.9	3.8	2.3	3.6	6.9	4.5	5.5	5.9	2.5	3.8	10.5	5.6	
2044	4	5.2	6.8	1.7	17.7	8.9	11.6	5.8	14.8	2.7	3.2	17.7	13.4	10.9	4.5	4.2	7.5	2.4	5.0	2.3	1.7	3.8	3.4	5.0	8.6	7.1	5.4	10.3	2.8	
2044	5	9.1	9.9	2.2	21.7	6.7	3.4	11.8	10.9	21.7	5.0	20.0	11.7	9.8	12.3	12.4	7.4	3.1	5.5	2.2	17.0	8.4	11.4	7.6	14.2	7.6	6.2	15.4	6.7	
2044	6	11.2	15.1	4.7	51.5	10.8	12.2	28.6	41.8	10.4	15.2	9.3	26.8	9.8	14.1	6.8	8.1	16.5	5.0	4.7	17.1	11.7	11.7	6.6	10.1	12.5	17.6	51.5	7.8	
2044	7	16.3	16.0	5.0	27.0	14.2	26.5	14.8	9.9	19.0	16.7	17.1	19.1	35.7	14.8	13.6	7.2	13.7	19.4	10.6	5.0	13.4	13.7	14.7	9.1	11.3	14.3	14.3	24.3	
2044	8	14.0	16.9	5.6	49.8	11.7	8.7	13.4	15.3	9.7	14.5	15.2	49.8	15.3	10.7	30.6	18.0	22.2	17.9	9.3	12.1	17.9	38.9	5.6	28.5	11.4	10.6	9.1	8.4	
2044	9	13.4	14.5	3.3	37.7	14.0	3.3	8.2	8.0	19.1	14.8	6.5	17.1	12.8	6.4	10.8	25.0	6.1	14.9	11.4	37.7	16.5	12.4	12.8	23.4	6.3	15.6	30.2	14.7	
2044	10	7.5	7.9	2.3	14.6	2.3	6.9	8.6	5.5	3.2	5.8	6.4	12.7	5.9	12.3	9.2	11.8	9.5	2.7	7.0	5.2	10.3	10.4	7.1	8.2	6.0	8.0	9.8	14.6	
2044	11	6.5	7.1	2.2	11.9	4.4	5.5	7.6	5.1	9.8	8.0	9.9	3.5	9.8	5.0	9.9	6.3	9.8	5.1											

2048	6	10.8	14.6	4.8	38.1	33.5	9.7	13.0	13.4	20.0	15.3	8.9	26.9	17.2	8.4	10.0	9.1	28.8	11.0	8.9	7.9	8.9	38.1	13.8	10.7	17.1	4.8	7.7	8.2	
2048	7	15.5	18.3	7.1	49.9	8.3	10.1	14.3	49.9	16.8	17.2	16.7	30.2	23.1	7.6	29.8	18.4	10.6	13.7	37.4	7.1	10.8	12.4	25.6	8.1	9.7	25.2	7.2	29.3	
2048	8	16.0	16.0	6.8	31.2	7.1	8.4	15.4	15.7	30.0	22.1	18.9	19.7	6.9	17.8	7.0	25.8	20.9	10.0	18.2	31.2	20.2	7.1	6.9	24.5	16.2	13.8	13.9	6.8	
2048	9	10.7	12.5	2.7	30.6	19.5	4.1	2.7	7.3	10.2	19.8	7.2	16.9	14.2	14.3	22.2	7.3	14.6	14.8	17.4	6.0	30.6	14.3	10.2	8.9	9.3	11.1	10.3	6.4	
2048	10	6.5	6.7	2.4	15.6	4.5	2.4	9.1	10.1	8.3	6.6	8.8	8.6	4.3	3.9	7.3	7.5	3.8	8.8	4.7	5.3	8.5	6.3	5.3	5.3	7.4	15.6	2.9	5.2	
2048	11	6.8	7.4	3.1	16.6	7.8	7.5	7.0	9.5	16.6	5.2	6.0	4.4	4.9	7.2	4.2	6.8	5.5	12.1	6.1	9.3	6.7	9.6	3.1	12.9	4.1	5.0	5.2	12.0	
2048	12	9.5	7.3	2.5	24.4	5.7	8.0	4.9	6.0	4.5	7.5	3.2	5.2	15.4	3.2	2.9	3.5	14.8	10.2	4.4	8.3	11.6	7.1	9.2	4.2	24.8	7.0	3.6	4.4	
2049	1	4.3	5.2	2.4	10.9	6.0	4.1	4.5	4.0	3.5	9.8	5.1	6.3	4.2	3.9	3.9	3.7	5.4	10.9	5.7	2.4	6.3	3.4	10.4	2.8	6.9	4.4	4.3	2.5	
2049	2	4.6	5.6	2.2	15.4	4.6	9.8	2.7	3.1	2.4	6.9	5.0	3.4	5.8	2.3	5.7	6.1	2.7	4.2	15.4	9.0	3.0	10.2	6.8	2.2	3.7	2.9	11.7	4.5	
2049	3	4.2	4.5	0.2	10.1	2.4	6.1	2.8	6.0	9.0	3.3	6.6	3.5	0.2	3.0	4.6	1.6	2.0	2.7	7.4	1.6	3.7	6.7	5.0	6.7	4.9	0.8	8.2	10.1	
2049	4	5.7	6.4	2.0	15.3	10.4	6.7	5.0	3.0	11.5	10.0	6.2	7.1	7.4	3.4	8.3	3.7	5.2	10.1	4.2	6.5	2.6	15.3	3.1	4.7	5.2	2.0	7.6	3.7	
2049	5	7.7	8.4	2.4	19.8	3.6	4.7	6.5	4.5	15.3	11.8	9.9	7.4	3.2	6.9	8.7	12.9	19.8	3.5	4.2	3.4	5.1	11.6	12.4	2.4	16.9	7.9	8.8	10.1	
2049	6	11.0	12.4	3.6	27.4	7.5	27.4	17.6	10.2	24.5	10.8	8.3	20.1	15.8	3.6	5.9	11.3	13.7	15.5	24.2	12.7	5.4	11.4	8.9	19.8	8.4	4.7	4.8	6.1	
2049	7	16.3	20.1	6.3	53.2	10.4	15.1	29.1	37.4	20.7	11.9	53.2	32.4	9.4	15.7	19.9	24.5	17.0	6.3	11.5	26.9	15.5	15.4	23.4	9.9	12.3	27.4	21.2	15.5	
2049	8	15.4	16.6	5.8	35.0	5.9	12.2	14.8	16.8	22.2	16.8	10.7	7.4	15.0	17.1	8.5	29.1	15.0	35.0	14.8	20.9	15.8	20.0	11.1	12.7	16.6	30.2	5.8	24.4	
2049	9	16.3	15.6	6.7	30.0	10.8	8.6	6.7	9.4	19.6	18.3	22.4	16.9	6.8	17.2	20.4	15.7	19.1	16.1	21.7	16.2	30.0	13.9	16.7	11.0	9.6	8.2	22.3	16.5	
2049	10	8.5	8.8	3.9	23.9	23.9	10.2	10.7	3.9	14.2	11.0	5.4	5.0	5.5	9.4	11.4	7.9	7.5	5.3	7.8	5.2	3.9	4.7	9.3	13.8	11.4	9.0	4.4	11.3	
2049	11	6.8	8.3	3.7	15.1	7.4	6.6	4.6	11.0	4.2	13.8	15.1	6.7	5.7	10.1	5.9	11.8	7.0	8.4	6.1	3.7	6.6	14.1	4.8	12.9	4.2	5.6	12.2	11.2	
2049	12	5.0	5.3	2.7	10.6	5.4	6.5	6.1	5.7	3.8	5.4	4.3	5.9	2.8	4.3	6.7	7.2	4.8	8.3	5.3	4.3	10.6	6.0	2.7	4.7	4.5	3.5	4.0	4.7	
2050	1	5.3	5.4	0.7	10.5	6.1	6.6	7.8	4.4	4.3	3.4	4.1	5.2	2.6	6.6	3.6	6.5	6.7	5.5	4.0	4.7	9.6	6.5	4.4	0.7	10.5	4.1	5.6	5.6	
2050	2	4.4	5.3	1.9	19.8	4.5	3.4	5.8	5.7	2.6	2.0	5.5	9.3	4.1	4.1	19.8	7.2	4.2	4.5	4.3	3.4	3.1	4.9	1.9	2.3	6.9	3.1	9.6	5.2	
2050	3	6.3	6.6	0.2	13.6	4.9	1.0	6.0	6.5	12.9	6.8	6.2	8.4	4.1	4.3	9.0	2.8	0.2	9.1	9.1	10.4	6.6	13.6	3.5	5.0	9.2	3.6	4.1	10.1	
2050	4	6.9	7.5	0.9	13.1	12.4	7.0	5.1	0.9	11.6	4.8	8.0	12.6	6.9	6.3	10.6	6.1	10.5	9.0	13.1	6.1	2.1	4.5	12.5	7.3	3.6	1.2	6.6	11.9	
2050	5	9.9	10.9	3.0	28.4	6.7	3.0	6.3	11.0	10.4	11.4	7.5	11.1	9.9	14.9	9.4	10.1	5.4	7.6	4.2	10.0	14.9	3.5	28.4	27.9	5.0	7.2	16.1	20.4	
2050	6	8.9	11.5	5.5	32.9	9.2	11.6	5.8	12.8	8.3	16.3	9.2	20.7	8.2	7.8	9.6	8.6	5.5	5.8	22.4	11.4	7.5	8.0	15.1	32.9	8.2	8.5	15.0	8.7	
2050	7	14.7	18.2	6.8	70.5	70.5	32.1	7.5	15.3	13.1	6.8	28.1	12.0	14.8	36.9	14.6	8.0	19.5	8.2	30.0	17.4	12.0	17.9	9.9	12.0	10.1	15.2	16.6	8.4	
2050	8	14.6	19.2	2.8	74.1	9.2	46.8	11.7	16.5	20.7	20.2	35.2	24.6	9.0	8.7	17.9	24.3	7.0	33.6	8.3	74.1	11.3	18.3	12.0	18.7	10.1	2.8	12.7	12.7	
2050	9	12.4	14.1	2.7	31.2	19.5	7.5	6.3	11.3	20.1	5.1	10.5	18.5	12.4	17.9	31.2	6.5	10.0	10.9	15.7	24.8	23.8	17.8	24.0	12.3	2.7	5.2	8.2	15.2	
2050	10	6.6	6.6	2.5	15.7	7.2	6.8	6.6	6.7	4.4	5.5	7.9	15.7	8.5	7.2	5.9	9.1	9.5	5.5	6.9	6.0	8.2	8.0	4.2	2.5	3.2	2.8	4.7	5.4	7.1
2050	11	7.8	8.0	2.7	16.4	10.2	9.4	8.1	7.2	16.4	5.7	6.7	9.5	3.4	5.9	9.5	9.7	7.5	6.8	10.1	2.7	12.1	8.4	4.1	3.4	7.0	14.2	8.3	5.4	
2050	12	4.9	6.2	2.2	25.5	5.4	6.8	4.3	4.8	8.0	6.4	10.4	4.2	3.7	4.0	6.8	3.7	5.9	9.4	8.2	3.7	5.9	9.4	8.2	3.7	2.5	6.1	2.2	25.5	5.0
2051	1	4.8	5.4	1.1	11.0	2.6	2.2	4.4	3.9	5.3	11.0	4.8	4.7	4.4	4.4	4.4	9.3	5.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
2051	2	4.2	4.5	1.1	11.5	6.0	5.7	4.4	5.9	4.8	6.3	7.8	4.1	11.5	4.1	1.1	5.2	2.0	2.3	2.2	3.2	3.1	3.7	1.6	6.2	7.0	2.6	2.7	6.6	1.2
2051	3	4.6	5.6	0.7	15.1	3.9	6.5	3.8	5.8	0.7	4.2	8.2	5.7	2.7	3.6	2.0	13.0	6.9	2.7	9.4	5.8	3.9	8.0	4.3	2.0	15.1	3.0	4.9	8.7	
2051	4	6.7	7.1	0.7	18.7	15.6	5.6	9.8	6.7	3.7	6.9	7.8	18.7	9.0	3.5	4.4	11.1	6.8	6.9	3.1	5.7	4.5	10.7	4.2	2.1	9.9	6.2	6.9	0.7	
2051	5	9.3	10.9	3.0	22.6	7.8	5.1	5.9	11.7	22.6	6.3	21.0	20.4	9.6	9.3	9.2	20.5	4.3	12.1	15.0	3.0	17.3	5.6	8.1	21.7	5.8	5.1	10.7	3.1	
2051	6	15.7	18.6	3.8	79.7	19.2	5.9	9.2	26.1	17.7	15.7	40.2	14.2	15.8	3.8	8.9	15.7	7.0	5.3	4.2	41.4	19.1	9.2	28.6	21.8	79.7	7.5	15.7	14.7	
2051	7	14.3	17.8	6.5	34.7	12.4	25.6	21.1	26.6	34.7	14.1	24.7	31.7	9.8	34.5	16.5	21.9	13.4	13.1	6.5	12.4	8.3	23.5	14.4	16.9	14.0	10.6	10.9	10.4	
2051	8	13.8	15.8	3.1	37.8	24.0	13.0	12.8	18.1	19.2	17.7	9.4	11.9	27.1	7.6	37.8	14.7	6.2	11.4	7.6	18.7	16.7	28.8	3.1	6.1	12.6	23.5	8.6	23.2	
2051	9	16.0	15.4	5.1	43.0	15.3	26.3	8.1	6.2	43.0	22.0	5.1	5.4	15.6	15.7	19.7	19.0	18.4	5.5	19.6	9.5	16.3	8.3	19.2	18.9	5.4	17.1	17.0	12.2	
2051	10	5.7	6.5	2.7	15.0	4.3	4.5	3.2	7.7	8.6	7.8	5.5	5.7	9.3	8.7	5.7	5.8	5.1	15.0	7.6	2.8	5.0	6.2	5.0	5.0	14.5	6.4	3.9	2.7	
2051	11	7.9	8.5	3.9	14.9	7.7	14.5	9.5	13.8	6.7	8.3	8.5	6.3	7.6	14.9	4.2	8.1	6.5	3.9	13.6	11.8	4.5	10.3	12.2	5.0	10.9	4.2	4.7	5.7	
2051	12	4.4	5.4	2.0	11.3	4.4	9.8	3.8	2.7	4.2	4.4	6.2	5.6	3.7	6.7	9.8	6.0	5.9	11.3	3.8	6.3	4.3	4.5	4.3	2.0	2.8	3.1	9.7	5.0	
2052	1	5.5	6.3	2.9	17.4	6.8	5.6	3.0	5.9	7.2	7.1	5.2	4.7	2.9	3.4	5.8	4.1	9.0	17.4	3.0	3.4	5.7	8.7	5.4	3.5	13.4	7.8	4.4	5.0	
2052	2	4.6	6.0	2.6	20.1	3.6	5.5	4.3	3.7	11.5	4.8	6.6	20.1	4.6	4.6	4.6	4.6	4.2	5.3	7.2	7.7	2.6	5.9	4.1	6.6	4.4	3.7	3.8	5.4	
2052	3	4.1	4.9	0.9	15.3	8.1	4.5	5.2	3.9	4.6	11.7	3.9	2.7	3.5	5.3	1.8	15.3	6.9	8.8	3.0	5.7	4.4	0.9	4.2	2.2	2.4	2.4	3.9	2.7	
2052	4	6.0	6.8	2.1	13.7	7.9	6.6	5.9	5.5	2.1	13.7	9.2	10.2	4.7	9.7	4.7	4.0	5.0	10.2	6.1	4.7	4.9	8.5	5.1	11.0	4.4	6.2	8.6	3.2	
2052	5	10.7	12.3	2.8	28.0	16.4	8.9	8.9	6.6	7.3	10.6	12.9	24.0	3.6	21.9	10.8	15.4	6.0	8.1	11.8	10.0	21.7	13.2	12.6	28.0	19.0	5.9	2.8	8.1	
2052	6	14.3	15.0	3.9	28.2	14.9	18.1	12.9	9.1	25.7	10.4</																			

2056	1	4.9	5.2	1.9	14.0	6.4	3.3	5.1	5.0	5.3	7.7	5.8	5.5	4.2	4.1	1.9	4.1	3.1	5.7	4.8	3.8	2.2	7.6	5.0	14.0	4.6	4.7	3.5	7.7	
2056	2	4.0	5.2	2.0	21.0	9.1	4.8	2.8	3.8	5.3	4.7	3.5	6.4	21.0	7.1	3.2	3.2	3.2	7.0	3.3	4.2	2.7	3.6	5.8	2.0	6.4	3.0	6.8	2.6	
2056	3	5.3	5.9	2.6	12.8	6.7	2.6	7.3	3.6	12.8	10.3	4.8	4.6	5.5	6.9	3.4	6.7	9.2	3.0	4.9	7.7	3.9	4.6	9.0	5.0	6.6	2.7	5.9	3.0	
2056	4	4.4	6.6	0.9	27.8	10.8	2.3	4.7	6.5	9.7	9.9	1.9	1.1	3.1	4.5	3.8	2.1	0.9	4.3	4.3	1.4	4.8	3.3	22.4	27.8	2.3	11.4	4.5	11.9	
2056	5	9.5	10.7	0.0	27.6	4.7	11.6	7.2	27.6	9.0	17.1	6.9	6.1	9.9	2.9	5.9	17.3	15.7	0.0	5.8	2.2	16.0	17.5	18.9	8.5	16.2	6.2	10.0	14.3	
2056	6	12.8	14.7	3.2	40.9	11.7	14.9	17.3	10.6	3.2	6.7	13.9	7.7	10.9	7.7	24.1	19.8	6.5	12.6	18.2	23.7	13.1	23.6	40.9	3.6	26.1	9.8	13.7	11.6	
2056	7	17.1	19.7	3.2	194.3	18.6	13.7	9.7	15.8	21.1	28.3	4.2	11.6	12.6	15.6	18.5	19.8	6.9	20.8	94.3	3.2	38.0	25.4	19.1	9.7	11.9	8.1	8.1	8.1	
2056	8	12.1	13.3	2.9	35.4	9.2	13.0	11.9	2.9	10.2	4.1	13.6	11.2	12.5	4.8	9.5	10.6	7.9	16.3	35.4	24.2	13.9	12.9	14.0	12.3	22.7	8.6	8.6	8.6	
2056	9	13.3	16.2	5.9	61.2	10.3	10.4	19.0	21.1	8.0	6.8	23.1	16.6	5.9	20.2	20.2	10.4	61.2	17.0	16.7	9.1	17.8	11.2	26.0	13.6	13.1	7.8	12.1	11.5	
2056	10	7.6	8.0	2.8	17.1	2.8	9.4	10.5	6.3	5.5	14.7	7.5	5.4	10.1	7.8	5.6	5.0	5.2	3.7	2.9	11.5	4.8	17.1	11.5	6.9	8.1	7.8	14.0	8.5	
2056	11	6.1	6.4	2.7	10.7	9.5	9.0	9.8	4.4	5.0	8.4	6.8	7.5	7.9	6.0	5.9	10.1	5.0	4.0	6.1	5.3	3.6	7.3	7.6	3.3	10.7	3.7	2.7	4.3	
2056	12	5.5	5.7	2.5	13.7	6.8	4.6	4.0	6.7	6.0	3.3	5.9	8.7	3.7	3.5	5.7	7.1	5.3	6.4	4.0	4.9	6.2	2.5	4.4	4.8	4.5	6.1	13.7	8.0	
2057	1	5.6	6.9	2.4	22.4	6.5	2.4	4.2	4.4	8.6	4.9	6.7	7.2	3.6	5.6	4.0	12.0	4.4	6.2	3.0	5.5	6.8	11.8	4.4	8.8	22.4	5.5	5.5	11.3	
2057	2	4.0	5.3	1.9	20.4	3.5	1.9	3.7	4.5	3.6	6.3	8.7	4.0	4.0	5.2	3.6	4.4	6.9	2.5	20.4	2.2	5.1	5.9	2.7	3.5	4.0	7.2	2.9	9.9	
2057	3	4.9	5.2	1.6	11.2	6.6	3.2	3.6	2.5	3.5	9.4	6.9	6.5	4.7	11.2	5.4	5.9	6.4	2.2	3.6	6.6	1.6	5.0	9.9	3.2	2.2	7.3	3.6	4.0	
2057	4	5.5	6.4	1.5	16.1	10.5	2.9	6.9	7.8	4.6	5.6	10.5	7.2	4.1	5.2	9.1	10.1	5.4	6.3	5.2	2.3	1.5	4.8	7.0	3.9	10.4	3.8	16.1	2.6	
2057	5	12.7	12.0	2.6	27.4	14.7	3.0	3.4	27.4	17.8	13.7	19.6	13.1	6.3	2.6	9.2	20.5	3.3	16.3	8.6	18.4	7.6	8.2	6.0	17.7	13.5	20.6	12.2	3.4	
2057	6	9.5	12.7	4.0	42.9	4.6	12.4	11.7	7.8	6.3	12.4	4.0	4.7	42.9	14.0	9.5	9.5	12.7	4.1	9.4	38.0	15.5	17.3	8.7	6.9	9.4	20.5	7.0	16.1	
2057	7	15.1	18.2	2.8	50.2	9.3	50.2	9.9	39.0	26.7	21.8	6.0	24.1	12.7	16.9	9.3	24.6	12.6	17.0	8.6	21.2	49.5	13.3	4.8	13.0	3.8	3.5	21.9	18.3	
2057	8	14.4	15.6	4.9	34.1	6.5	21.6	10.1	11.5	8.8	17.2	4.9	34.1	5.0	28.0	16.0	24.7	11.9	19.0	17.2	10.1	13.4	17.6	16.4	15.3	32.2	9.9	10.9	11.2	
2057	9	17.1	15.3	3.8	34.2	5.4	18.3	20.0	10.3	10.7	34.2	13.4	22.5	18.6	7.0	9.0	21.4	19.2	17.1	19.7	14.5	17.8	15.1	6.1	17.7	15.0	7.5	3.8	17.1	
2057	10	5.9	7.0	2.6	22.7	5.1	3.5	22.7	4.7	2.8	9.0	2.6	8.6	9.8	10.5	4.4	8.9	6.8	4.1	7.8	11.5	7.3	4.8	4.8	4.2	9.3	3.5	8.9	3.2	
2057	11	6.0	6.3	2.1	13.1	5.1	5.5	5.3	13.1	6.0	8.7	8.0	3.8	2.8	6.2	4.5	9.4	7.0	6.3	4.9	6.0	4.8	10.6	3.0	8.3	9.1	2.1	6.6	5.0	
2057	12	5.8	5.4	2.0	11.2	6.0	8.1	9.1	3.1	6.0	5.7	3.7	11.2	3.7	4.2	2.2	5.9	5.9	3.5	4.4	2.0	6.9	4.8	6.8	5.9	6.8	7.6	3.1	3.4	
2058	1	4.7	5.0	2.6	9.0	4.1	3.8	5.9	5.1	2.9	5.2	4.1	4.0	9.0	3.4	5.5	2.6	4.9	8.6	5.9	6.7	6.0	3.7	8.4	5.7	3.1	3.7	3.1	4.6	
2058	2	4.7	5.0	0.3	11.2	5.9	4.9	3.8	2.6	2.2	8.2	11.2	3.9	5.4	2.3	6.9	4.4	2.9	3.5	0.9	8.7	0.3	4.5	1.5	5.3	4.9	10.6	5.1	10.1	
2058	3	5.9	6.7	3.1	19.3	5.9	6.8	6.9	12.2	6.9	8.4	6.0	3.8	4.1	5.6	5.2	8.2	4.3	3.8	6.5	8.5	4.1	3.7	4.2	7.9	19.3	3.1	11.6	3.9	
2058	4	6.1	7.0	2.7	14.7	4.2	14.7	2.7	3.9	9.2	4.2	6.6	5.1	3.7	5.1	7.4	12.0	12.0	4.4	5.6	4.4	7.7	7.7	12.2	5.3	7.9	3.7	9.1	8.7	
2058	5	9.5	9.9	3.0	22.2	3.4	10.9	19.6	12.6	4.9	6.8	12.5	5.1	10.0	6.0	13.7	10.9	3.6	3.0	8.6	10.0	19.4	22.2	6.7	8.4	9.0	8.2	10.7	10.6	
2058	6	9.0	10.9	4.8	23.8	17.2	5.5	8.6	6.1	7.4	6.1	17.8	6.8	6.5	16.3	4.8	4.9	15.9	7.9	13.9	18.4	5.4	13.3	10.4	23.8	16.6	9.4	12.2	5.5	
2058	7	15.6	17.3	10.4	33.0	12.2	14.8	11.9	13.5	27.8	10.8	15.5	19.0	15.7	16.2	11.2	19.0	13.6	17.0	22.1	31.1	11.2	33.0	21.9	27.0	10.4	12.4	11.9	11.9	
2058	8	13.3	16.1	4.6	39.4	13.9	20.2	13.9	10.6	5.5	8.1	32.1	19.6	16.8	35.3	12.6	16.6	16.8	35.3	12.6	16.6	19.5	12.7	9.9	15.9	39.4	6.7	9.4	7.1	
2058	9	14.8	16.6	7.6	17.5	22.6	14.4	12.1	28.5	18.4	11.7	15.5	37.0	19.4	7.6	8.1	9.7	13.4	16.7	19.5	17.5	17.9	16.8	10.1	13.6	15.1	14.0	10.9	17.5	14.2
2058	10	6.6	7.7	2.4	15.6	7.8	6.5	11.6	3.3	6.5	2.4	6.4	6.6	14.9	8.2	8.2	11.0	7.3	13.8	3.6	11.5	3.1	5.7	3.1	4.5	9.2	15.6	6.2	5.2	
2058	11	6.2	6.5	1.0	15.6	6.1	6.1	1.0	8.4	5.0	6.1	7.8	7.1	8.0	12.1	6.3	2.8	4.2	6.4	4.5	7.0	5.7	9.4	5.5	7.0	6.4	3.8	15.6	4.7	
2058	12	5.7	6.4	2.4	12.7	6.5	8.6	2.4	11.6	12.7	9.8	10.4	7.1	5.1	5.2	2.8	3.5	4.2	3.8	5.0	4.0	5.3	5.9	7.1	7.0	2.4	5.4	5.5	10.9	
2059	1	5.9	6.6	2.3	24.5	12.5	8.3	4.4	4.5	6.0	7.1	6.1	2.3	3.7	6.9	4.1	4.2	5.5	11.2	8.0	2.8	6.6	7.7	3.9	2.9	3.2	24.5	6.1	5.8	
2059	2	4.5	4.7	1.0	10.1	2.4	1.0	4.7	4.7	4.2	2.5	10.1	6.4	4.1	6.1	8.3	3.1	5.1	2.9	2.9	1.9	5.6	4.4	5.8	3.9	9.4	4.6	4.5	3.7	
2059	3	5.1	5.5	1.3	11.8	4.3	2.8	5.9	4.2	10.5	11.8	6.9	7.5	4.0	10.7	4.4	3.2	5.8	5.1	5.5	2.8	1.3	6.0	3.5	5.2	5.0	4.0	7.0	4.4	
2059	4	5.9	6.6	0.9	20.3	6.0	11.0	6.5	3.4	8.4	4.2	3.3	9.8	7.2	5.7	1.3	5.2	6.1	2.8	4.6	0.9	2.0	5.8	11.8	20.3	6.2	6.0	15.1	1.1	
2059	5	10.0	11.3	3.4	24.8	3.4	10.7	16.1	9.9	6.3	12.3	6.5	24.7	7.2	8.5	11.7	7.8	10.1	13.6	24.8	4.5	9.4	9.6	19.1	7.5	14.4	10.4	3.9	18.6	
2059	6	15.0	15.3	4.9	29.9	7.1	10.8	25.5	10.7	12.2	17.2	19.6	20.0	25.7	15.6	7.6	6.7	9.4	8.1	14.6	15.4	29.9	12.4	21.2	23.0	27.0	4.9	5.7	15.8	
2059	7	15.0	17.4	6.6	39.4	17.6	34.9	10.9	18.0	17.3	15.8	31.6	11.1	25.2	28.3	12.1	24.6	39.4	12.9	7.9	14.1	6.6	14.0	19.6	20.2	8.3	7.5	7.9	10.6	
2059	8	11.2	12.6	3.4	37.4	13.3	9.9	12.4	4.3	12.4	15.7	9.3	3.4	9.1	14.9	14.8	17.3	22.6	18.9	11.5	20.3	37.4	10.6	8.4	5.7	7.2	8.4	9.6	11.2	5.9
2059	9	12.1	11.9	2.4	24.5	12.5	12.4	12.0	4.0	12.1	18.0	6.0	13.3	9.3	14.5	24.5	22.6	7.5	15.4	7.0	8.6	3.7	8.5	17.8	6.6	14.5	6.6	15.5	8.2	
2059	10	6.7	7.4	2.1	18.1	16.2	7.0	6.2	7.1	6.4	9.7	10.0	7.2	9.3	5.2	16.2	3.5	18.1	3.9	6.0	8.5	2.6	6.1	3.0	3.4	3.8	7.1	2.1	8.1	
2059	11	7.8	8.7	2.9	16.2	7.2	3.6	5.5	11.1	8.0	5.8	14.5	10.9	5.6	14.8	6.8	5.8	2.9	8.8	16.2	5.3	8.3	12.1	9.9	8.5	7.6	7.1	15.1	7.3	
2059	12	5.4	5.9	2.4	11.7	2.9	3.5	5.2	9.1	3.3	7.1	4.2	5.8	2.4	11.0	11.7	5.3	4.7	3.2	4.6	6.7	5.8	5.5	10.5	7.4	3.6	6.5	8.3	4.0	
2060	1	5.7	6.5	1.5	23.2	7.3	5.5	6.7	3.3	5.7	5.1	5.6	5.4	23.2																



2063	8	15.6	17.9	5.4	39.4	8.8	19.5	32.3	16.9	14.2	22.1	16.8	8.7	14.9	29.1	39.4	16.2	14.9	10.3	12.2	5.4	8.5	22.5	26.9	12.9	12.3	30.8	18.9	14.5	
2063	9	11.9	13.8	7.7	30.1	19.4	8.6	9.1	13.3	19.2	11.5	30.1	16.7	9.2	20.0	12.3	20.7	7.7	12.4	14.4	8.8	14.3	8.5	10.3	10.3	10.8	11.6	22.5	9.5	
2063	10	7.3	9.0	3.3	23.6	4.8	8.1	7.4	4.9	4.3	8.4	11.5	6.7	4.0	9.6	18.3	16.1	7.2	3.3	6.3	9.4	11.0	5.8	14.6	4.8	4.5	5.4	23.6	15.1	
2063	11	7.7	7.9	1.9	16.8	9.5	9.3	11.0	2.5	1.9	12.6	5.5	16.6	5.5	8.1	3.5	16.8	4.6	6.4	10.3	9.7	7.2	8.1	3.9	6.5	10.7	4.5	8.8	6.9	
2063	12	5.2	5.4	1.3	10.4	9.0	6.3	6.9	2.9	10.4	1.9	6.4	4.6	4.4	3.1	5.7	6.2	5.4	4.4	4.8	6.9	5.0	5.1	5.1	5.4	7.4	1.3	3.9	6.1	
2064	1	5.0	5.4	2.0	9.6	3.6	7.1	6.1	5.0	6.0	7.1	2.4	5.4	7.2	5.0	3.9	3.6	9.0	4.4	6.5	4.6	3.2	4.9	4.2	4.4	8.3	5.3	9.6	2.0	
2064	2	5.1	5.5	2.5	15.4	15.4	5.7	5.4	3.9	5.3	2.5	3.0	7.6	3.7	5.9	3.9	3.8	6.4	6.8	3.9	4.8	4.1	11.9	6.0	4.6	5.6	4.6	3.5	5.7	
2064	3	5.8	6.9	1.7	17.0	9.6	9.2	6.0	7.2	9.7	8.6	9.8	2.5	11.5	9.3	4.7	4.7	5.5	3.0	5.0	3.0	1.7	3.6	9.3	17.0	4.7	5.9	11.2	13.5	
2064	4	5.1	6.2	2.0	17.7	13.0	9.4	8.0	3.8	9.8	4.1	4.2	17.7	4.1	2.0	6.7	2.3	7.8	5.7	2.6	7.2	5.2	5.0	8.7	3.3	4.3	6.4	3.3	5.1	
2064	5	10.4	10.4	2.8	16.1	12.4	10.2	5.9	5.2	3.7	8.0	13.4	8.1	9.8	12.8	15.1	10.5	15.0	10.7	14.6	2.8	12.6	16.1	9.1	12.6	10.2	9.1	10.1	12.3	
2064	6	10.9	12.6	5.0	27.7	9.4	10.8	7.7	11.8	20.1	9.0	27.7	10.5	12.9	7.7	14.9	9.9	21.6	17.9	9.7	16.7	5.0	12.4	5.9	22.2	11.6	11.1	6.7	8.9	
2064	7	13.7	16.6	4.8	36.0	24.1	7.7	30.4	13.7	36.0	12.9	11.8	7.3	13.4	15.4	11.6	26.4	11.3	27.1	13.3	19.7	22.0	13.6	14.1	29.4	8.2	16.2	4.8	8.5	
2064	8	14.0	17.3	6.1	39.6	9.5	9.8	39.6	15.1	36.5	25.3	7.4	19.7	10.2	6.1	10.9	7.1	11.6	18.1	10.7	20.5	18.2	10.3	22.5	13.0	24.0	33.0	7.2	29.3	
2064	9	11.7	13.0	6.1	24.8	10.4	6.2	8.6	16.2	12.7	9.9	22.2	11.6	10.9	9.7	13.0	24.8	6.2	10.6	6.1	8.2	23.5	17.5	12.5	15.2	14.9	18.1	11.2	11.7	
2064	10	7.5	8.3	2.3	18.4	9.3	3.1	10.9	11.1	8.2	6.5	7.2	10.2	12.8	9.3	12.0	5.6	7.5	7.4	6.0	7.6	4.5	6.0	6.5	18.4	2.3	8.4	6.9	12.8	
2064	11	5.8	7.2	1.4	16.5	5.7	5.3	4.7	6.0	2.6	6.3	12.8	7.5	5.5	4.1	4.9	5.2	16.5	6.1	10.1	4.8	8.1	1.4	7.4	16.4	10.8	5.6	9.7	5.6	
2064	12	6.7	8.0	2.8	31.5	5.7	6.3	5.6	3.0	4.2	17.1	2.8	8.0	3.6	8.4	8.0	7.5	9.6	3.6	7.0	31.5	11.1	5.0	7.7	9.0	4.0	16.2	3.9	4.2	
2065	1	5.6	6.6	1.1	35.2	6.4	5.4	1.4	4.0	5.1	5.0	6.5	5.8	2.5	7.0	5.0	5.8	6.1	35.2	2.0	6.4	28.8	6.5	5.1	5.3	1.1	9.5	11.4	6.1	
2065	2	5.4	5.8	2.4	15.5	5.6	13.3	2.4	3.1	6.0	7.6	5.5	2.5	5.5	8.2	5.4	4.3	3.9	15.5	7.0	4.8	5.0	3.2	5.3	3.8	5.7	3.8	5.3	7.7	
2065	3	4.9	5.9	0.8	14.9	6.5	8.9	8.6	3.5	14.9	4.3	3.9	3.4	7.9	5.3	3.5	2.2	4.3	3.0	4.7	8.4	9.0	4.2	5.0	5.2	5.7	3.6	14.8	0.8	
2065	4	4.1	6.1	0.7	17.5	4.1	4.4	3.5	17.5	3.1	2.8	2.6	4.6	4.1	2.4	3.6	5.5	12.2	7.9	13.3	1.1	2.4	12.3	13.1	3.8	2.6	3.6	0.7	8.0	
2065	5	7.5	9.1	1.8	20.8	10.8	2.7	1.8	5.8	8.4	14.1	5.6	4.2	4.2	7.5	15.2	6.6	16.1	16.1	14.4	7.7	7.5	6.1	20.8	5.0	6.6	3.1	15.5	13.4	
2065	6	10.1	12.8	3.6	39.9	7.9	20.1	13.2	9.0	10.9	9.9	23.1	9.0	12.9	9.1	14.2	22.2	7.7	11.6	8.6	39.9	5.2	3.6	10.3	6.3	12.5	8.6	3.6	29.0	
2065	7	15.4	17.4	6.6	45.7	45.7	20.1	16.0	17.8	13.6	21.2	13.4	6.6	18.5	28.6	24.4	14.3	12.6	11.2	22.3	14.9	13.1	12.2	12.6	18.0	10.3	17.5	21.4	10.9	
2065	8	12.9	13.7	3.8	33.6	11.4	27.7	11.5	10.0	12.9	9.3	5.3	13.7	12.9	14.5	11.0	11.2	13.5	9.3	20.1	19.5	8.6	14.1	21.1	13.3	14.3	33.6	3.8	7.5	
2065	9	13.6	15.8	3.4	47.3	12.1	12.6	11.7	13.9	19.7	9.7	47.3	13.3	25.5	16.7	20.0	10.9	6.5	14.4	21.3	7.0	23.4	24.1	3.4	12.9	17.7	8.1	13.2	13.9	
2065	10	7.0	7.6	2.0	20.3	2.4	5.7	3.6	5.6	20.3	3.8	8.5	8.4	6.3	3.2	9.8	4.0	4.2	13.5	7.6	8.3	5.9	11.2	2.0	4.4	7.8	13.9	10.3	10.9	
2065	11	7.4	7.9	3.1	16.8	8.7	11.4	13.5	9.1	6.9	9.3	5.5	9.6	16.8	7.8	5.8	5.9	14.0	4.6	9.2	3.1	5.8	3.8	8.7	4.9	5.7	8.1	5.7	4.7	
2065	12	5.9	6.0	2.5	11.3	9.6	11.3	5.8	3.5	5.2	7.9	4.0	4.9	6.8	11.1	6.7	6.0	6.5	3.3	2.5	9.6	5.4	2.8	2.5	7.9	2.7	7.2	6.2	4.6	
2066	1	4.9	6.4	1.9	27.4	4.6	6.2	4.9	5.3	5.3	4.4	6.4	6.4	12.1	3.7	3.6	8.4	3.9	1.9	4.5	4.7	3.7	4.9	27.4	8.0	3.0	3.1	7.4	9.7	6.8
2066	2	5.3	5.6	1.9	13.0	4.8	6.4	5.8	5.2	3.0	2.0	3.1	13.0	11.0	4.7	1.9	2.6	6.0	6.1	5.5	3.5	2.4	5.7	4.8	2.9	11.8	7.7	6.2	9.7	
2066	3	9.0	5.1	1.1	14.2	2.8	5.3	5.8	4.7	3.8	8.9	4.9	3.8	6.6	1.9	1.4	3.6	6.3	1.8	5.0	14.2	5.8	4.4	2.9	8.2	7.2	4.6	2.6	5.7	
2066	4	5.9	6.2	0.7	12.9	5.9	5.8	8.8	3.8	5.0	1.6	11.4	3.9	6.3	1.7	5.2	9.4	9.6	6.4	7.6	11.5	5.7	12.9	0.7	6.8	3.4	6.4	10.5	5.0	
2066	5	10.5	12.1	2.4	27.6	11.2	17.1	27.3	10.4	6.8	10.6	3.3	12.7	9.3	7.6	9.1	9.4	7.1	14.3	22.8	7.0	2.4	15.0	17.0	6.8	15.3	10.8	8.9	8.9	
2066	6	15.8	16.2	5.4	38.0	10.5	24.9	22.2	26.5	17.5	16.7	19.0	15.4	8.2	38.0	16.1	13.7	13.5	11.8	18.6	12.0	7.9	5.4	11.9	22.8	20.4	6.2	13.3	16.8	
2066	7	10.8	16.7	6.5	36.8	28.0	30.8	6.5	9.8	7.8	7.0	8.2	7.3	32.0	36.3	7.6	36.8	35.2	10.3	12.9	15.1	22.6	25.9	11.3	12.9	10.2	10.4	8.3	8.4	
2066	8	14.3	17.5	6.3	68.5	9.4	13.7	21.6	15.1	15.2	15.4	14.9	9.9	9.0	7.0	7.5	15.7	20.7	29.5	10.5	8.3	58.4	7.8	21.3	12.2	6.3	68.5	16.2	6.7	
2066	9	11.9	12.3	2.6	21.6	17.1	11.5	2.6	12.0	8.6	17.0	21.6	15.3	12.8	7.7	5.8	7.2	19.1	8.5	19.5	9.5	11.9	13.2	4.4	18.8	13.5	10.2	18.9	7.8	
2066	10	7.8	8.1	1.5	14.6	5.0	7.6	1.5	5.4	14.4	9.3	4.5	13.1	7.9	3.1	9.8	11.1	12.6	5.5	9.2	9.5	7.2	8.7	14.6	6.9	10.8	3.2	6.6	7.5	
2066	11	7.2	7.0	1.6	12.5	7.5	7.9	3.3	11.1	6.4	5.9	1.6	4.9	6.3	3.4	9.4	4.4	9.0	5.8	7.1	10.5	11.0	3.1	9.0	8.5	12.5	2.6	7.4	8.5	
2066	12	6.5	6.0	0.9	12.9	2.7	4.7	6.7	9.0	4.7	3.8	7.6	3.1	9.2	4.2	6.8	6.5	6.8	9.9	8.2	7.1	6.6	4.6	7.1	2.9	4.6	4.2	0.9	12.9	
2067	1	4.3	4.7	2.7	11.3	5.8	3.6	3.6	5.8	4.2	3.2	5.0	3.5	4.3	3.4	3.0	3.7	4.7	4.4	4.5	11.3	7.4	6.2	3.7	5.4	4.7	5.1	4.2	2.7	
2067	2	4.4	5.3	2.0	14.6	4.3	6.3	4.2	4.5	2.4	2.0	14.6	6.8	4.1	7.9	4.9	6.9	2.8	4.7	2.1	2.7	7.0	3.4	7.9	7.3	3.5	3.3	4.2	8.6	
2067	3	5.3	5.8	1.9	12.3	13.9	2.2	2.1	6.5	5.7	5.5	4.1	8.2	4.4	4.4	3.1	6.1	10.4	12.3	9.1	5.8	4.0	3.8	5.0	2.0	4.3	4.5	6.2	6.2	
2067	4	6.0	6.9	2.0	15.1	5.1	10.0	7.4	3.1	8.7	4.0	4.3	7.7	2.3	2.0	6.8	15.1	12.2	10.1	6.1	2.7	3.6	4.6	14.4	5.0	5.9	4.6	11.3	6.4	
2067	5	9.9	11.7	4.0	30.3	8.2	9.0	30.3	4.0	7.1	9.5	12.2	7.4	6.5	9.8	7.4	11.4	4.5	15.9	12.0	4.0	10.8	18.3	10.1	26.5	9.6	20.4	16.5	10.3	
2067	6	9.6	11.6	4.5	26.1	17.0	9.4	7.0	9.2	15.8	13.3	10.2	6.9	5.3	8.1	26.1	4.5	24.4	5.7	23.3	14.2	14.1	9.8	5.1	15.1	8.2	4.8	8.0	13.6	
2067	7	12.5	15.4	3.1	50.4	21.9	22.3	9.9	11.0	7.6	25.9	8.4	4.9	7.3	50.4	17.3	17.0	22.5	14.3	11.5	13.6	9.1	8.0	9.6	16.9	7.8	3.1	24.1	24.5	
2067	8	14.6	17.9	5.0	50.4	16.2	9.5	22.5	9.5	19.1	27.6	7.3	13.6																	

2071	3	5.1	6.3	2.5	21.5	9.4	10.7	2.5	7.2	4.3	11.0	21.5	4.0	3.2	7.5	3.3	4.7	5.5	2.5	9.9	5.7	3.5	3.0	3.2	2.8	7.4	3.5	9.5	5.9	
2071	4	6.9	7.9	1.5	24.3	10.1	17.3	7.8	13.3	1.5	3.3	5.7	24.3	4.2	14.6	3.7	6.3	2.9	5.0	3.7	7.6	6.7	14.3	8.8	7.2	7.1	1.7	5.3	7.9	
2071	5	10.3	11.8	3.5	38.5	4.1	13.4	6.0	23.0	13.2	9.4	8.1	6.1	10.1	11.2	5.3	15.8	12.4	6.8	9.3	7.5	10.5	5.3	10.5	38.5	18.3	17.2	16.6	3.5	
2071	6	13.0	17.2	6.9	41.6	11.8	15.4	19.8	41.6	32.2	13.4	28.7	9.0	7.5	15.1	12.5	6.5	31.6	8.3	11.2	18.6	22.4	11.6	26.3	11.1	8.8	11.2	26.6	11.9	
2071	7	13.3	16.8	4.7	40.5	14.7	18.5	8.3	7.8	36.3	8.8	13.2	12.9	12.0	12.2	16.6	13.0	16.2	4.7	31.2	16.0	40.5	8.9	11.8	13.3	30.6	19.0	9.7	26.3	
2071	8	19.3	19.3	4.6	48.2	25.7	22.4	20.5	48.2	32.7	14.6	27.6	12.8	21.2	7.1	10.8	8.4	29.0	14.6	11.5	8.9	14.6	18.0	21.5	25.1	30.1	24.2	9.0	4.6	
2071	9	10.9	11.6	1.6	24.6	6.9	33.0	24.6	10.9	13.2	32.4	10.1	4.0	5.9	14.1	5.1	15.2	6.1	15.0	17.6	6.8	1.6	12.9	7.8	6.6	15.0	11.6	18.3	4.5	
2071	10	8.1	9.4	1.7	19.7	3.4	7.5	16.2	8.2	9.0	7.8	9.3	7.2	12.7	16.1	5.0	12.9	5.8	4.6	19.7	13.4	7.4	5.2	8.1	6.2	10.5	1.7	5.6	11.3	
2071	11	7.9	8.1	3.8	16.2	3.9	11.0	7.6	5.6	9.2	5.6	10.3	11.1	9.8	10.4	4.3	7.3	8.7	8.2	10.2	5.8	13.5	3.8	6.1	16.2	6.5	5.4	9.1	6.0	
2071	12	5.4	6.0	2.1	20.6	5.3	6.4	4.6	6.2	8.0	4.0	10.3	2.1	4.6	2.7	6.3	6.3	5.4	9.4	3.6	4.1	6.8	5.7	3.0	2.6	7.3	3.3	20.6	5.0	
2072	1	5.6	7.3	1.0	38.6	5.7	4.0	7.1	4.1	3.3	10.9	6.0	4.9	2.6	9.2	10.4	3.3	4.8	6.5	18.6	6.4	5.5	2.5	38.6	5.7	4.1	1.0	6.1	4.3	
2072	2	4.2	4.9	2.1	11.8	6.9	3.8	2.1	4.2	5.9	2.8	10.8	3.4	6.1	5.4	3.6	3.5	2.7	6.7	5.9	3.6	4.1	3.6	11.8	4.2	5.3	3.9	4.9	3.1	
2072	3	6.3	6.4	1.2	16.1	4.4	6.0	6.8	4.4	10.4	6.8	1.2	4.5	4.4	9.3	6.8	16.1	9.9	12.2	2.9	3.7	6.6	2.1	8.6	6.9	4.4	4.8	7.0	4.3	
2072	4	5.5	7.5	2.6	21.3	20.5	3.5	6.8	4.8	4.5	2.6	21.3	16.8	5.9	12.7	3.8	4.8	7.5	5.6	5.4	4.9	6.4	4.0	10.9	4.3	3.1	8.0	8.7	3.6	
2072	5	10.2	12.0	3.7	28.6	28.6	14.8	6.6	23.7	9.8	4.0	4.9	16.9	6.3	9.2	13.2	15.8	6.2	4.2	15.9	4.2	14.6	4.5	17.5	23.7	18.1	10.6	9.9	3.7	
2072	6	11.9	12.7	2.6	26.2	13.7	19.1	9.0	16.6	17.7	15.8	4.5	7.8	11.6	12.7	26.2	25.1	7.2	2.6	9.0	9.4	16.1	6.3	15.3	10.8	5.4	8.8	21.9	12.2	
2072	7	17.7	19.6	6.7	52.5	22.5	52.5	17.6	17.3	13.5	9.9	10.4	17.9	12.3	30.4	27.7	18.3	12.2	18.9	10.4	30.0	9.5	29.4	17.9	10.9	6.7	36.8	13.2	25.2	
2072	8	12.9	15.0	5.9	47.8	11.8	14.4	11.2	11.2	5.9	21.3	12.1	9.7	9.2	14.5	8.2	7.8	19.8	47.8	12.4	22.9	24.9	17.2	16.6	13.3	8.3	22.2	15.6	16.1	6.8
2072	9	15.9	16.7	3.2	44.7	8.1	16.2	14.3	24.3	17.9	16.3	21.0	26.8	15.9	15.7	10.6	28.7	44.7	22.8	3.2	8.1	3.4	17.3	15.9	10.9	8.9	8.3	27.4	14.8	
2072	10	7.1	8.7	4.2	25.0	4.6	6.6	13.3	6.2	6.0	4.2	8.8	9.3	6.6	5.5	8.3	4.4	14.2	6.3	25.0	10.8	13.2	12.9	6.0	7.5	8.3	4.2	6.3	9.4	
2072	11	6.8	8.1	1.6	19.9	6.3	7.9	15.4	6.8	6.2	7.0	6.4	4.3	7.1	6.8	19.9	5.4	8.5	16.7	14.1	5.5	1.6	5.8	6.7	5.8	4.2	8.3	9.0	8.6	
2072	12	6.0	6.8	1.5	18.7	6.8	4.0	5.8	3.9	18.7	3.7	4.2	9.6	4.1	4.0	7.2	9.0	4.9	3.2	11.9	7.6	11.7	1.5	7.1	6.3	10.7	3.2	8.5	4.7	
2073	1	5.0	5.3	1.3	10.6	6.8	8.5	1.8	3.5	10.6	10.2	2.8	4.9	2.2	2.9	2.6	6.6	2.2	5.1	6.5	7.2	7.3	6.1	8.4	4.0	6.4	4.2	1.3	4.8	
2073	2	4.6	4.7	1.5	9.3	4.6	3.9	6.4	5.9	1.5	3.5	4.6	6.0	9.3	6.4	5.2	4.7	1.5	3.9	2.3	6.5	2.3	4.0	6.3	5.7	4.5	3.7	3.3	7.1	
2073	3	5.8	6.0	1.1	12.8	6.4	12.8	4.4	7.0	10.1	7.0	2.1	3.0	8.6	6.8	2.4	3.1	1.1	10.4	8.2	3.0	5.1	5.3	10.4	5.8	10.7	2.3	5.7	3.2	
2073	4	4.2	5.6	0.9	17.2	17.2	4.6	6.7	2.9	2.8	0.9	6.0	10.4	3.7	3.3	8.8	6.3	5.6	3.6	3.0	1.9	3.8	14.2	2.3	4.8	6.1	0.9	3.0	10.9	
2073	5	7.2	9.9	4.3	19.4	7.1	11.5	7.3	6.5	4.9	5.7	5.6	7.4	5.6	7.1	6.9	16.5	13.2	5.3	17.3	5.1	14.0	17.7	15.3	12.0	4.3	16.5	19.4	4.6	
2073	6	12.9	14.8	5.5	33.4	12.8	33.4	25.3	6.3	9.4	19.4	9.4	9.2	15.9	24.5	14.8	5.5	17.0	8.7	13.0	5.6	11.0	32.4	14.7	23.3	10.1	7.3	19.1	6.2	
2073	7	14.7	18.9	6.3	73.9	11.3	25.1	14.6	10.4	21.0	13.8	73.9	32.0	12.6	9.0	6.3	29.3	20.1	10.7	14.9	6.4	15.3	16.4	13.1	9.1	10.2	30.5	27.1	21.5	
2073	8	15.2	17.8	5.3	65.7	25.4	9.1	15.9	19.0	17.4	8.7	12.7	10.1	11.2	19.1	7.8	16.0	10.7	10.2	13.7	32.1	17.2	27.6	65.7	5.3	14.5	9.7	19.2	29.6	
2073	9	14.3	15.2	4.7	31.0	12.8	11.0	6.0	15.5	16.5	26.2	16.0	18.5	23.4	18.4	17.2	9.9	31.0	9.4	24.5	12.8	12.7	19.5	15.8	9.3	11.6	9.4	4.7	13.0	
2073	10	7.8	9.3	3.3	21.3	7.5	4.9	5.1	4.5	5.4	7.8	10.1	20.0	21.3	8.6	5.5	14.7	12.7	9.4	7.8	3.4	19.0	3.3	6.3	14.8	10.6	4.3	7.1	9.4	
2073	11	6.7	7.3	2.6	11.3	6.1	10.9	3.1	5.9	10.9	4.6	9.7	8.7	7.4	5.1	4.2	6.7	7.4	4.7	21.7	4.7	6.5	9.0	7.8	6.7	4.0	4.1	6.9	9.2	
2073	12	6.1	6.2	2.2	10.2	3.5	5.4	6.8	6.1	4.0	5.6	7.2	7.8	5.2	6.8	6.3	3.7	9.0	2.2	5.9	4.7	7.0	10.1	6.1	6.0	2.6	10.2	7.2	5.2	
2074	1	5.5	5.6	2.0	16.5	5.5	8.7	16.5	7.1	5.6	2.0	6.8	3.0	4.3	4.1	8.2	2.8	2.8	5.6	6.9	4.1	3.7	5.8	2.3	4.4	5.6	7.2	8.6	3.5	
2074	2	4.4	4.8	1.3	14.5	3.9	4.8	2.7	2.3	4.4	5.6	1.3	5.6	7.3	4.5	3.8	4.3	3.4	4.9	9.7	3.6	4.3	1.9	14.5	3.7	4.5	4.2	5.7	5.6	
2074	3	5.8	6.3	1.3	15.5	1.3	3.0	3.7	6.8	6.1	4.5	15.5	10.0	3.3	4.6	7.1	7.5	4.3	5.0	12.7	4.0	5.6	8.9	6.7	8.1	3.7	6.0	7.5	5.5	
2074	4	6.1	7.3	2.8	20.4	9.4	5.4	10.7	11.0	6.7	3.3	5.6	6.3	4.2	6.2	3.0	2.9	2.8	3.9	4.5	11.8	4.2	7.5	17.7	20.4	6.1	5.6	9.5	7.6	
2074	5	11.9	12.5	2.9	22.5	6.1	13.2	18.4	22.5	9.7	10.1	12.2	19.0	2.9	13.2	9.7	19.5	16.5	10.7	11.2	6.9	11.6	12.2	21.5	15.5	6.8	13.2	10.6	6.0	
2074	6	12.7	16.0	4.5	41.5	6.1	12.2	16.5	18.4	6.7	32.9	18.5	20.7	11.2	8.1	6.1	11.0	26.0	9.7	5.0	4.5	22.3	13.2	41.5	26.7	38.1	8.1	6.6	13.3	
2074	7	14.8	16.5	4.4	47.3	19.9	22.6	10.7	13.1	14.5	15.1	47.3	17.2	9.5	8.9	16.0	9.0	8.2	15.9	17.5	20.0	11.3	45.5	18.9	20.0	7.9	4.4	8.8	13.4	
2074	8	14.5	19.2	5.7	78.5	17.9	8.7	10.4	6.5	31.4	78.5	16.7	14.5	5.7	39.4	22.4	16.1	37.1	12.5	14.6	14.6	32.0	22.2	11.0	8.7	7.7	13.8	10.7	7.7	
2074	9	15.0	15.4	3.0	34.4	8.6	24.9	3.0	24.7	27.7	19.4	19.8	34.4	18.6	12.1	7.4	10.4	5.9	14.9	15.7	10.4	12.0	5.8	8.9	15.0	17.8	17.8	26.6	6.3	
2074	10	8.6	9.1	2.9	16.5	16.5	16.6	11.6	2.9	8.0	8.1	10.1	10.1	10.3	14.5	8.7	11.9	4.8	4.8	3.0	3.9	8.4	8.1	10.8	12.2	6.3	6.1	13.0	15.8	
2074	11	6.8	7.7	3.4	15.8	13.3	4.7	5.6	8.5	7.8	15.1	5.9	9.2	10.5	9.2	10.5	3.4	5.7	3.8	5.7	7.0	8.6	5.2	6.3	5.8	5.3	6.5	15.8	9.4	
2074	12	5.1	6.1	1.2	16.2	5.8	10.7	3.0	3.9	5.7	1.2	10.5	3.9	7.9	6.9	3.9	3.8	8.9	5.9	4.5	4.3	16.2	2.3	4.1	9.4	4.1	4.2	3.7	8.9	
2075	1	5.2	5.5	2.5	12.4	6.9	6.2	4.0	4.1	4.9	3.6	6.3	12.4	3.9	5.7	5.9	4.0	8.7	6.2	4.2	9.8	7.0	7.1	5.1	2.5	3.1	5.2	3.6	2.5	
2075	2	5.1	6.4	2.0	32.2	6.4	5.2	3.3	7.7	5.5	6.0	5.9	2.7	3.6	7.9	2.0	2.8	9.1	12.8	3.8	3.9	4.5	3.7	3.7	2.1	5.4	4.9	32.2	9.4	
2075	3	5.5	6.7	1.5	14.8	12.6	4.8	13.0	4.7																					

2078	10	8.1	8.3	3.2	18.7	3.5	8.7	9.1	8.2	11.7	5.7	6.5	3.2	9.8	4.4	18.7	10.2	8.1	5.2	9.9	9.9	7.8	7.3	11.0	4.2	6.6	14.9	4.7	10.9	
2078	11	7.1	8.0	3.3	20.1	8.2	6.6	6.8	8.2	11.8	6.0	10.2	20.1	4.5	9.8	6.9	13.1	7.3	8.6	7.8	3.5	8.7	5.3	5.8	7.0	8.8	3.3	6.8	6.7	
2078	12	5.7	6.4	1.7	22.9	7.2	3.3	3.4	4.6	9.8	9.6	4.8	6.8	5.6	12.7	22.9	8.3	6.7	1.7	3.7	2.5	7.4	2.6	6.2	2.8	3.7	5.8	4.8	6.6	
2079	1	4.6	5.5	1.8	11.8	11.8	3.4	4.1	4.8	7.0	8.5	3.8	11.3	2.8	4.8	3.3	4.0	5.7	6.2	2.1	2.8	7.7	3.6	4.9	9.7	10.8	1.8	3.7	4.4	
2079	2	4.6	5.1	1.7	10.8	6.0	4.8	3.0	2.3	8.7	4.0	10.8	1.7	6.6	6.3	4.1	4.7	2.5	9.9	3.7	3.9	3.6	3.8	4.6	4.6	4.7	6.3	9.6	2.0	
2079	3	5.4	6.3	1.3	17.3	9.4	5.1	6.7	9.0	6.3	2.3	1.3	3.7	4.9	4.3	4.3	4.4	12.5	5.7	2.4	6.2	3.0	4.6	4.2	17.3	11.4	3.8	6.2	6.4	
2079	4	9.3	15.3	1.9	12.4	5.7	6.3	4.0	2.7	9.5	4.7	2.5	10.6	4.9	6.2	6.8	7.6	2.4	12.4	6.3	2.3	2.9	2.1	9.7	2.7	2.7	11.8	10.4		
2079	5	10.3	10.3	4.8	80.0	8.8	11.7	6.6	5.5	10.3	18.9	6.9	5.1	10.4	15.7	5.8	12.7	14.8	14.3	12.9	5.4	9.3	10.3	9.1	5.4	20.0	4.8	11.1	10.7	
2079	6	15.6	16.0	3.5	37.9	16.7	26.6	24.0	14.0	19.3	3.5	18.1	5.0	4.7	4.1	5.3	9.0	15.5	15.6	33.1	15.6	17.1	17.7	8.2	34.8	6.6	10.5	19.9	37.9	
2079	7	14.4	15.0	5.2	32.6	6.2	17.2	16.5	14.7	25.5	17.8	5.7	10.1	20.5	24.0	23.9	7.5	21.1	8.9	13.0	32.6	10.8	5.2	11.0	14.1	15.3	7.2	11.2	20.2	
2079	8	16.9	19.9	6.7	51.4	34.4	26.0	33.2	9.9	12.0	8.0	22.4	14.9	9.9	22.2	51.4	20.7	14.5	6.7	42.5	9.3	14.1	32.2	18.9	7.3	8.8	25.5	26.4	7.0	
2079	9	14.3	17.3	3.4	42.3	3.4	13.9	20.9	9.0	15.2	42.3	13.4	25.5	10.0	8.2	12.3	21.6	20.3	13.8	24.6	36.1	36.0	13.1	12.2	16.9	14.8	5.7	20.1	6.9	
2079	10	8.9	10.1	3.6	20.2	19.9	15.7	4.5	5.0	8.3	20.2	6.7	10.9	6.8	3.6	17.1	9.9	12.0	8.3	7.1	16.1	11.7	6.5	7.9	10.7	9.8	6.5	8.4	9.4	
2079	11	7.1	8.0	2.5	20.9	8.3	6.1	8.4	6.1	9.2	3.0	10.1	8.0	4.0	14.0	5.9	3.9	12.6	3.7	9.8	20.9	7.7	6.5	2.5	8.3	3.2	6.5	16.5	5.5	
2079	12	6.0	6.9	2.5	25.8	5.4	6.5	3.7	7.7	6.5	6.0	4.3	10.9	2.8	5.1	5.9	7.3	2.5	4.1	6.0	25.8	6.4	3.1	10.1	7.3	13.9	5.5	4.2	6.0	
2080	1	4.8	5.4	2.4	11.2	3.4	6.8	4.0	3.8	4.5	5.0	10.4	7.3	3.3	3.6	7.2	2.6	2.9	6.0	5.6	3.7	2.4	6.3	3.7	5.5	10.5	7.3	2.6	11.2	
2080	2	4.6	5.1	1.4	9.1	3.9	7.6	6.1	2.9	3.4	3.7	8.1	3.1	6.0	6.5	9.1	4.2	7.6	2.7	1.8	9.1	4.7	3.8	6.9	4.4	7.7	5.0	2.0	1.4	
2080	3	6.2	6.5	1.2	14.5	6.5	7.8	2.1	7.2	1.2	5.3	8.0	4.3	2.3	11.0	3.3	8.2	5.9	4.0	10.7	5.9	7.8	14.5	7.0	2.8	4.8	7.0	11.3	5.8	
2080	4	5.4	6.0	1.3	13.1	12.7	5.4	7.0	6.1	13.1	5.4	4.8	6.4	6.8	2.5	5.0	3.5	10.0	1.3	3.1	5.4	5.4	2.0	8.3	6.3	5.1	8.9	6.4	3.6	
2080	5	7.9	8.9	1.8	19.7	4.6	5.5	9.0	7.9	15.5	3.4	4.0	10.5	1.8	9.2	17.9	3.1	7.3	8.2	5.0	5.4	19.7	6.4	14.9	13.8	10.2	1.9	12.9	15.5	7.5
2080	6	10.6	14.4	3.4	45.6	43.0	22.8	13.8	45.6	13.5	27.2	9.4	8.7	6.1	12.9	30.8	4.7	6.3	12.7	8.2	10.2	17.2	7.6	11.0	5.6	3.4	11.6	5.5	8.5	
2080	7	13.9	18.1	6.2	35.8	33.3	31.5	9.0	13.9	12.4	34.5	9.4	12.9	7.9	13.2	28.6	13.5	18.4	12.4	17.1	35.8	27.3	18.2	26.8	12.3	14.0	7.6	6.2	18.8	
2080	8	14.0	18.8	6.0	75.0	13.0	13.0	59.6	7.7	32.4	8.6	16.5	12.0	15.8	16.4	12.0	16.0	75.0	12.1	10.8	25.4	15.0	6.0	6.2	12.8	18.8	6.2	20.6	18.9	
2080	9	12.0	13.2	3.8	30.3	6.7	13.0	5.7	11.0	22.0	6.4	12.3	20.2	27.3	30.3	20.3	18.5	4.2	7.4	15.6	4.4	11.7	10.7	12.7	21.4	3.8	6.5	16.3	9.4	
2080	10	8.6	9.4	2.8	20.2	15.8	20.2	14.8	5.7	9.4	3.9	10.1	3.2	5.7	19.3	9.8	7.4	4.3	8.2	5.9	18.8	10.4	14.7	11.1	5.2	3.1	7.1	2.8	9.0	
2080	11	6.6	7.6	2.3	16.2	6.3	8.5	3.3	14.7	4.8	8.6	9.5	3.2	6.3	5.2	16.2	10.0	13.4	2.3	4.4	6.9	7.8	7.0	6.3	9.3	5.7	9.6	6.3	5.8	
2080	12	5.5	7.6	2.2	25.5	5.0	7.6	6.6	3.4	3.1	2.2	5.8	9.5	6.1	5.1	7.5	4.1	13.1	3.6	23.2	3.7	14.8	25.5	2.8	7.6	4.2	3.8	9.4	3.9	
2081	1	4.6	5.2	2.3	11.7	3.9	4.0	3.6	2.3	3.8	7.7	4.0	3.4	3.9	3.9	2.7	8.6	6.4	5.4	6.4	4.6	7.1	11.7	5.6	5.8	3.8	6.3	4.6	6.0	
2081	2	4.3	5.2	1.4	30.4	5.2	1.7	2.9	1.7	1.4	3.4	6.7	1.9	5.0	5.2	4.2	6.6	2.2	6.8	2.1	5.0	5.7	1.7	4.5	5.8	30.4	3.4	4.3	6.9	
2081	3	5.0	5.3	2.1	10.0	3.4	3.2	4.7	7.3	2.1	4.4	9.0	7.4	8.6	2.4	4.2	6.7	4.8	6.4	2.8	3.4	2.9	5.2	6.5	6.9	10.0	6.1	5.6	7.2	
2081	4	6.6	6.7	2.4	17.8	6.8	9.0	6.0	3.1	4.5	6.5	7.6	2.5	10.6	8.8	4.0	2.4	5.8	8.4	2.9	5.7	7.3	17.8	3.9	2.5	6.2	7.5	9.5	8.4	
2081	5	10.1	11.1	2.0	37.7	18.4	17.4	13.9	3.9	17.4	13.9	3.9	15.6	6.1	10.1	37.7	13.8	8.4	3.6	8.6	10.2	4.1	3.8	12.7	39.4	10.7	9.4	10.7	6.4	
2081	6	11.2	13.7	5.1	35.7	14.5	18.8	14.7	31.4	6.1	11.5	24.9	8.8	10.8	8.7	8.9	10.6	7.0	14.9	12.5	9.0	16.0	5.1	11.6	10.1	35.7	9.6	7.7	10.5	
2081	7	16.0	18.5	7.2	62.8	14.2	26.7	17.5	26.9	8.8	10.0	30.7	10.0	10.8	12.8	23.9	12.6	25.8	21.2	8.2	14.2	33.2	17.7	19.2	20.0	10.3	14.5	7.2	9.1	10.0
2081	8	16.0	18.6	7.3	60.0	27.0	11.9	14.6	18.8	11.8	27.0	16.8	29.4	25.7	14.6	7.3	9.1	12.2	21.5	11.8	15.3	11.8	13.4	10.1	17.7	16.6	17.9	60.0	24.8	
2081	9	13.5	14.0	3.9	34.7	23.6	5.7	13.6	9.6	5.4	15.5	34.7	19.2	9.3	16.6	7.4	14.6	17.3	9.6	16.3	19.9	8.9	3.9	11.2	21.7	11.6	14.1	13.4	13.0	
2081	10	6.7	8.2	2.2	22.2	9.0	6.4	8.4	2.2	7.5	5.6	6.7	6.4	22.2	12.3	6.7	6.4	6.2	7.6	14.1	3.2	5.1	13.9	11.5	4.3	12.1	3.4	4.8	11.6	
2081	11	6.4	6.8	1.5	16.5	6.3	6.7	7.6	2.9	4.3	12.5	8.6	9.8	5.0	3.8	4.3	2.5	6.5	5.6	6.1	3.9	12.1	11.2	6.4	3.1	1.5	8.8	16.5	8.0	
2081	12	5.5	7.1	2.7	26.2	5.7	5.2	5.9	15.1	5.1	4.5	26.2	5.2	10.0	3.2	9.7	11.6	3.2	6.0	6.0	7.0	4.9	5.2	6.5	2.7	5.3	5.2	5.3	5.7	
2082	1	5.7	6.2	1.4	12.9	9.5	3.9	4.9	7.3	3.0	11.6	2.3	6.9	7.0	6.6	4.7	7.0	4.9	5.6	5.2	4.7	7.8	5.9	1.4	7.4	12.9	5.5	9.6	4.1	
2082	2	4.3	5.6	1.3	17.4	5.3	3.0	10.2	4.3	3.7	3.9	7.8	7.2	17.4	3.8	4.7	7.0	6.2	1.3	3.8	2.5	2.7	1.7	4.3	13.5	1.7	10.1	3.7	4.3	
2082	3	5.9	6.6	3.1	11.9	6.1	4.5	9.3	9.2	4.7	4.3	4.9	7.3	4.9	9.4	10.2	5.7	11.9	3.1	10.3	5.0	4.1	6.5	5.4	6.3	3.3	3.7	8.7	9.2	
2082	4	5.8	6.8	1.0	23.9	9.4	3.5	9.2	23.9	13.1	6.5	7.2	1.2	2.8	7.8	14.0	3.4	7.3	5.8	2.3	5.8	4.8	5.5	4.3	4.1	1.0	6.4	9.5	5.6	
2082	5	9.6	10.9	3.0	23.6	9.5	6.3	8.4	4.0	23.6	3.0	6.3	12.1	9.2	10.4	12.3	17.4	9.8	4.8	7.1	8.2	18.3	18.7	17.0	5.3	7.9	10.5	19.0	12.1	
2082	6	15.8	16.4	4.2	22.2	13.7	26.2	8.5	16.2	4.3	15.8	12.0	24.4	8.7	5.4	31.0	9.0	6.1	15.7	21.5	22.2	25.4	4.2	16.4	24.2	29.8	7.6	14.3	23.9	
2082	7	16.2	20.5	3.0	85.2	8.6	17.7	8.6	26.3	24.4	15.1	13.1	10.2	14.0	20.9	16.9	13.7	22.4	24.3	28.0	17.0	15.4	85.2	9.5	14.5	3.0	20.9	12.5	50.6	
2082	8	15.6	15.7	6.2	27.2	18.9	18.5	23.9	18.6	6.4	9.9	8.2	15.4	27.2	24.0	6.7	16.0	6.3	6.2	15.2	13.5	14.8	15.8	12.6	24.0	17.3	10.4	22.9	23.4	
2082	9	14.6	15.0	7.7	26.1	9.9	26.1	9.1	9.9	9.5	14.5	18.7	20.1	20.1	17.0	13.3	10.4	16.1	21.4	9.6	7.7	12.7	9.1	12.5	21.4	15.5	24.5	15.8	14.6	
2082	10	7.6	8.2	2.5	15.8	4.8	13.1	15.8	7.6	6.2	9.5																			

2086	5	12.0	12.3	1.4	23.9	3.1	17.1	18.6	9.1	15.7	15.3	23.9	11.7	11.4	19.5	9.8	18.3	6.2	11.2	4.9	12.2	12.8	7.6	1.4	18.3	3.1	17.2	17.5	10.1	
2086	6	11.5	14.0	3.8	55.4	3.8	11.8	13.2	17.3	4.3	15.0	12.4	24.5	8.5	11.3	6.1	5.8	10.5	9.8	9.6	35.9	6.3	55.4	12.4	8.9	13.5	16.0	13.5	9.5	
2086	7	17.6	19.0	6.7	55.0	14.1	27.9	13.0	23.6	29.2	19.1	16.5	18.7	11.7	55.0	11.3	20.6	11.2	14.1	10.4	20.2	12.5	8.5	26.5	11.7	26.8	6.7	19.2	27.2	
2086	8	15.8	18.4	6.4	56.5	10.5	18.0	16.5	56.5	9.3	14.5	8.0	19.0	7.4	17.3	10.7	11.6	46.0	9.3	6.4	10.2	28.9	18.2	31.7	7.4	25.3	24.9	15.1	17.5	
2086	9	11.3	12.8	3.5	24.3	7.6	20.7	24.3	3.5	15.7	17.4	11.7	11.0	20.1	24.1	10.2	6.6	17.3	12.9	9.6	11.9	13.5	18.7	7.8	11.0	7.2	8.8	7.4	8.5	
2086	10	8.7	9.9	3.9	16.8	8.6	11.2	13.1	7.9	6.6	3.9	7.0	14.6	6.0	6.0	6.8	8.7	16.1	10.1	12.6	13.2	15.1	16.8	10.8	8.3	6.3	5.0	15.7	7.7	
2086	11	6.7	6.9	2.1	12.9	10.1	10.8	10.9	5.7	9.1	12.0	7.9	4.1	5.8	6.5	2.3	6.8	5.9	10.5	3.9	7.2	8.8	7.9	4.9	10.4	2.9	3.4	3.5	7.3	
2086	12	5.1	5.1	1.3	14.7	3.8	5.9	4.0	6.6	3.8	4.3	5.0	6.6	2.6	5.2	4.2	6.7	5.8	5.2	3.7	14.7	2.5	6.7	6.3	2.7	6.0	3.9	7.2	1.3	
2087	1	5.3	5.5	2.7	9.7	4.6	5.6	4.4	7.9	2.7	4.3	4.9	6.8	7.6	6.6	9.7	5.0	3.8	3.8	6.9	6.7	7.0	5.4	5.2	5.4	8.8	3.6	3.3	2.8	
2087	2	4.6	5.3	1.5	22.7	4.7	3.1	4.8	5.2	22.7	2.4	3.3	6.1	2.4	2.6	6.7	7.3	4.8	5.8	2.5	3.9	3.9	5.9	3.7	3.2	8.6	1.5	7.8	4.4	
2087	3	5.1	6.1	1.5	16.6	2.1	4.0	1.5	16.6	15.1	4.0	5.6	11.8	2.8	10.7	2.5	5.0	4.7	2.8	5.2	7.3	3.0	5.1	6.2	5.2	9.6	3.7	10.5	1.7	
2087	4	6.4	7.6	0.6	22.6	10.4	7.8	11.2	8.9	13.1	3.3	6.1	22.6	5.4	6.1	12.7	7.0	8.5	3.9	4.2	3.9	5.4	6.6	16.5	3.7	2.8	0.6	8.1	4.5	
2087	5	10.0	11.4	2.9	22.0	10.9	6.9	5.4	10.1	9.9	4.6	19.1	8.1	9.0	9.3	2.9	18.5	21.0	22.0	10.4	18.1	11.3	3.4	6.2	18.7	4.3	19.3	6.2	18.2	
2087	6	10.7	11.3	4.1	22.7	15.3	11.0	12.7	10.5	6.3	5.3	12.7	12.5	16.0	14.0	4.1	9.0	16.5	9.5	10.0	16.2	4.6	13.9	5.9	8.5	18.1	7.1	8.3	22.7	
2087	7	13.1	16.5	5.5	49.4	16.6	11.7	11.3	9.4	12.8	14.9	28.1	9.2	49.4	13.2	22.4	8.2	11.1	10.1	14.4	35.7	13.2	18.9	13.0	17.5	9.7	33.8	5.5	6.4	
2087	8	15.0	15.2	3.4	37.4	6.7	12.2	20.4	12.1	17.9	9.6	7.6	20.9	12.2	16.3	5.6	24.9	20.3	9.2	37.4	21.0	13.8	16.3	17.0	8.0	3.4	22.4	13.5	8.5	
2087	9	15.0	14.7	4.2	32.0	17.1	10.9	6.6	15.6	24.3	13.0	17.6	14.4	16.0	24.6	32.0	8.9	10.0	20.9	13.7	18.4	5.9	19.0	4.2	16.2	4.9	5.0	29.7	5.0	
2087	10	7.3	7.9	3.1	14.8	12.4	4.1	9.6	4.7	5.6	9.3	7.6	14.8	5.5	8.6	10.0	6.5	4.3	3.7	9.6	7.0	3.1	6.1	13.8	12.2	11.2	4.3	9.8	6.2	
2087	11	7.4	7.7	2.2	14.7	5.1	9.2	13.6	5.8	11.2	5.7	5.5	14.7	2.2	8.3	3.8	7.6	8.7	7.9	2.4	4.1	9.5	13.6	10.2	5.4	8.8	6.3	6.8	7.2	
2087	12	6.1	6.4	3.2	12.8	5.0	9.1	7.4	9.2	6.4	3.6	7.0	4.7	6.1	6.6	12.8	5.2	7.1	3.2	5.0	5.2	8.1	4.8	5.8	6.1	4.6	4.9	7.2	7.7	
2088	1	4.8	5.3	2.6	12.0	4.0	5.3	4.8	5.9	8.0	2.8	8.2	7.8	5.6	7.0	3.6	2.9	2.7	3.8	4.9	4.7	3.7	6.7	6.0	12.0	1.5	2.6	4.4	6.2	
2088	2	4.6	6.2	1.3	23.5	1.8	7.1	1.8	4.4	5.0	23.5	3.9	11.3	6.9	16.6	3.8	6.6	4.2	4.6	3.9	4.5	3.2	4.8	4.6	8.0	5.6	2.7	1.3	9.7	
2088	3	3.7	5.7	1.0	17.5	7.4	3.2	1.6	2.0	3.1	5.4	3.4	2.9	4.2	3.0	9.4	13.5	3.6	9.6	3.8	6.2	8.6	1.0	4.9	14.0	2.0	3.1	17.5	3.4	
2088	4	5.4	6.5	0.8	22.9	2.8	8.2	4.6	8.4	6.7	3.8	10.3	5.6	5.3	9.3	12.6	2.6	7.6	5.7	3.6	4.7	7.8	14.1	1.6	2.6	2.3	3.0	0.8	22.9	
2088	5	6.9	8.7	2.1	25.0	16.1	5.0	15.9	18.1	3.0	15.2	25.0	10.0	8.6	6.6	4.5	3.4	5.9	7.7	8.5	5.9	3.9	6.0	2.1	5.3	6.9	10.1	6.8	9.1	
2088	6	9.7	10.6	4.0	19.0	19.0	8.7	7.4	15.9	12.4	12.1	9.4	6.8	8.2	8.7	12.0	6.3	14.6	7.4	6.7	15.8	12.4	7.6	6.0	16.2	14.6	4.0	10.0	13.1	
2088	7	12.1	14.0	3.3	36.5	36.5	12.8	13.5	17.8	18.4	10.2	14.3	9.1	3.9	14.4	7.9	10.9	3.8	7.8	27.5	7.5	9.8	15.7	35.0	13.7	17.0	11.3	6.9	9.8	
2088	8	12.2	14.8	5.4	35.6	10.5	13.3	16.6	19.4	29.5	11.7	6.8	24.5	20.4	15.6	9.4	13.3	31.4	12.7	11.2	35.6	15.1	7.4	5.4	8.0	6.6	10.8	9.4	9.7	
2088	9	11.6	12.0	2.0	20.2	2.0	10.9	9.2	10.9	6.8	11.7	18.8	11.0	2.5	11.5	18.8	12.9	10.4	2.0	8.2	16.1	3.5	5.2	16.8	12.2	20.2	14.7	17.2	15.8	10.8
2088	10	6.9	7.7	1.6	18.6	16.6	1.6	11.5	2.0	18.6	10.8	1.6	4.0	7.6	3.6	4.4	6.5	14.3	5.9	7.7	3.5	6.0	6.7	12.4	9.4	8.1	10.2	7.0	4.0	
2088	11	5.8	6.8	2.8	21.0	10.5	2.9	6.8	6.4	10.2	2.8	9.2	21.0	8.4	3.5	7.9	3.0	9.0	5.2	3.3	4.7	4.4	6.0	6.7	7.8	5.7	5.3	9.9	5.1	4.7
2088	12	5.4	6.4	1.9	22.8	5.4	5.0	3.4	2.2	7.0	6.0	3.5	3.4	3.1	6.0	11.7	4.1	22.8	19.5	4.3	1.9	7.1	6.0	8.4	6.0	5.7	2.6	5.5	4.7	
2089	1	4.0	4.7	1.5	9.2	4.6	6.9	3.1	3.5	3.7	5.1	5.3	3.0	3.2	3.7	3.2	3.8	3.6	2.1	6.7	3.4	4.4	3.7	8.4	6.1	7.5	4.7	2.9	1.5	
2089	2	4.2	4.5	1.1	10.9	5.0	4.5	4.4	5.5	5.9	3.8	6.0	1.4	1.6	3.0	4.3	3.6	2.2	4.6	4.0	2.1	1.1	4.2	8.0	10.9	5.7	4.1	9.2	3.8	
2089	3	4.5	5.2	1.9	12.8	2.3	3.8	3.7	2.5	5.5	5.6	12.7	3.6	5.6	3.4	5.3	12.8	8.3	6.2	1.9	3.6	4.7	7.1	3.1	4.3	6.0	5.1	3.3	3.8	
2089	4	5.7	6.7	3.5	14.9	4.3	6.5	8.4	3.6	4.1	4.6	11.1	8.6	5.3	3.5	10.3	3.7	14.9	4.0	8.0	5.2	4.6	5.9	5.6	3.7	6.9	7.0	11.1	10.7	
2089	5	12.5	13.1	1.2	29.9	12.1	10.2	12.3	8.2	13.2	7.4	15.7	22.5	11.4	20.4	29.9	6.8	18.2	21.4	10.4	13.8	11.9	1.2	20.4	13.3	17.5	12.7	2.6	1.4	
2089	6	10.9	13.6	3.9	27.2	9.5	14.3	10.9	10.9	26.7	3.9	26.1	25.8	4.7	17.3	15.9	9.1	6.1	8.7	10.6	22.7	8.6	6.0	5.3	17.8	11.0	9.2	27.2	18.1	
2089	7	16.2	20.4	5.0	62.0	33.2	15.2	18.9	34.2	21.2	17.1	12.2	13.2	12.5	15.7	15.3	5.0	19.8	42.3	13.3	35.5	62.0	13.2	9.1	17.1	15.6	16.7	15.8	16.6	
2089	8	12.0	17.0	3.8	63.2	9.8	12.9	59.0	13.8	30.0	11.8	17.6	8.7	9.7	11.6	21.5	3.8	12.3	19.4	15.7	6.4	17.3	7.4	11.0	8.5	63.2	25.3	7.7	3.8	
2089	9	10.0	13.0	4.1	30.0	16.4	23.4	6.3	5.7	4.3	10.3	9.8	6.3	20.1	24.1	16.6	4.1	8.6	8.1	30.0	20.8	11.9	18.3	8.1	7.0	8.8	14.9	17.7	9.7	
2089	10	6.8	8.5	1.1	19.2	15.9	7.6	19.2	1.1	10.7	7.0	3.8	3.1	5.5	15.7	7.3	5.9	13.0	6.2	6.5	10.2	4.8	6.5	5.3	7.7	16.4	1.9	9.3	16.8	
2089	11	6.6	7.6	2.1	17.7	2.1	5.9	6.5	9.8	5.7	17.7	6.7	5.9	9.1	4.7	6.3	9.3	6.2	5.8	10.1	11.3	7.8	6.4	11.5	2.8	7.6	9.5	4.6	4.6	
2089	12	5.4	6.5	3.2	15.4	3.2	5.4	3.7	4.2	6.4	4.7	15.4	4.3	5.1	4.4	4.0	9.7	4.8	4.1	13.9	5.3	11.7	6.2	4.6	6.0	5.2	5.9	9.0	7.1	
2090	1	4.9	5.5	0.5	23.2	3.0	3.4	6.4	2.6	5.2	7.0	4.9	3.9	3.9	6.3	1.9	4.8	13.2	9.3	2.8	3.9	5.5	6.2	9.1	8.5	4.2	9.1	6.0	3.7	
2090	2	4.1	4.4	1.6	12.0	5.5	4.2	4.0	4.2	3.2	2.8	5.7	5.2	6.2	1.6	2.4	5.9	3.2	5.7	1.7	4.1	3.9	4.5	4.6	5.3	3.8	3.4	3.7	12.0	
2090	3	5.0	5.2	1.3	10.5	3.6	5.1	3.5	2.8	6.8	7.1	5.3	4.9	3.7	6.7	6.1	6.0	10.5	10.4	2.7	5.9	1.8	3.5	1.3	5.0	4.8	3.9	7.0	5.3	
2090	4	5.3	7.2	2.0	21.4	4.1	5.1	6.9	7.1	3.8	6.3	11.3	11.4	4.0	4.3	14.8	12.7	3.5	10.4	3.2	4.8	4.1	2.0	21.4	5.6	7.4	4.7	2.6	11.7	
2090	5	10.6	12.2	4.5	24.3	10.9	8.4	9.0	6.0	13.3	17.5	23.9																		

2093	12	5.6	5.7	3.3	9.7	5.5	4.8	4.0	3.4	3.3	5.6	4.6	3.7	6.0	5.6	9.0	3.7	9.1	6.7	5.2	3.3	4.6	5.9	7.3	6.6	5.8	6.8	9.7	6.0	
2094	1	5.2	5.6	1.8	10.0	9.9	7.7	4.3	5.8	4.6	5.8	4.9	4.9	4.7	9.2	5.4	5.1	6.5	5.6	5.9	10.0	6.1	4.4	4.6	1.8	5.3	2.8	5.0	3.5	
2094	2	3.4	4.3	1.2	11.0	3.5	3.3	5.4	8.9	2.1	1.2	6.0	6.0	7.3	9.2	3.0	3.1	11.0	1.7	2.1	5.6	4.8	3.2	5.2	1.9	3.0	2.8	5.3	1.9	
2094	3	6.8	7.3	1.6	17.0	3.0	7.1	14.0	7.1	5.8	6.3	17.0	7.4	8.8	3.1	2.5	9.1	7.7	6.4	9.9	9.3	1.6	11.4	6.2	4.5	15.7	3.1	4.2	4.8	
2094	4	6.4	6.6	2.3	13.3	12.4	3.5	9.4	6.4	13.3	4.8	6.5	6.8	4.8	6.4	4.9	9.6	3.9	3.7	5.1	2.3	7.4	2.7	4.7	8.3	7.2	4.0	9.8	10.2	
2094	5	9.4	11.2	3.4	34.9	13.7	3.8	15.4	8.4	5.3	12.1	18.9	19.7	5.9	8.7	8.1	3.4	5.2	16.5	10.1	13.3	11.5	5.3	6.8	34.9	6.1	17.2	14.0	4.4	
2094	6	11.3	13.4	4.8	36.5	10.4	29.1	12.4	16.1	10.0	11.7	12.0	9.8	7.6	10.7	10.7	13.2	4.8	28.4	8.6	5.1	18.2	18.7	36.5	7.3	13.3	5.9	7.8	6.7	
2094	7	15.5	20.2	6.7	84.8	10.2	42.1	10.4	44.8	14.6	13.8	16.7	13.0	6.9	21.0	15.5	20.6	11.5	34.4	7.1	84.8	9.1	25.1	16.6	17.7	2.7	19.8	15.6	6.7	
2094	8	15.4	19.9	4.7	101.5	9.4	12.9	4.7	45.2	28.0	11.7	14.6	6.9	17.9	24.0	12.9	8.1	17.8	16.2	7.9	19.8	16.8	101.5	29.5	8.4	12.1	13.3	18.5	19.0	
2094	9	15.3	16.4	4.2	33.9	20.6	11.7	24.1	15.4	29.9	29.8	15.2	17.6	4.2	14.7	33.9	20.9	15.8	10.5	20.1	5.7	10.3	12.7	15.0	21.7	8.8	8.9	9.6	16.0	
2094	10	8.0	9.3	3.1	19.6	11.7	3.1	8.1	6.0	8.3	5.2	10.8	7.4	14.4	16.5	6.5	6.9	9.1	4.8	5.3	9.4	12.7	19.6	7.9	16.4	15.7	6.7	7.1	4.0	
2094	11	5.6	6.2	3.1	12.3	6.0	4.2	9.8	7.8	3.6	8.2	3.3	5.4	4.7	10.7	5.7	11.2	3.1	5.6	6.7	4.6	4.8	3.1	4.0	12.3	7.0	4.0	6.8	5.9	
2094	12	5.5	6.9	2.5	22.7	8.7	7.7	4.3	12.0	5.2	2.5	4.2	2.7	9.2	7.0	6.2	5.7	7.3	5.3	5.2	2.9	8.9	13.4	5.1	22.7	3.4	4.8	5.6	4.9	
2095	1	5.0	5.2	0.7	9.8	7.1	2.6	4.8	6.2	6.0	5.0	4.7	4.4	4.2	4.8	2.6	5.0	0.7	2.2	5.1	6.1	2.6	8.0	6.9	9.8	5.4	8.4	8.3	2.8	
2095	2	4.1	5.1	1.1	13.3	3.9	5.8	3.0	6.2	2.8	3.6	3.9	9.8	10.0	3.5	5.9	3.7	6.2	4.2	1.4	3.2	5.8	6.3	3.4	4.9	6.8	1.1	3.4	13.3	
2095	3	5.2	5.9	0.0	16.0	13.0	9.5	3.4	6.5	2.8	0.0	4.4	3.2	7.1	5.1	5.3	4.3	6.2	6.8	9.4	3.8	2.2	7.3	2.8	2.7	16.0	6.2	11.1	1.8	
2095	4	6.4	6.7	1.7	15.2	7.1	2.2	6.6	6.5	9.8	4.6	9.5	5.1	5.6	6.3	2.9	12.7	3.8	10.2	9.6	1.7	2.8	15.2	10.6	7.2	3.7	5.0	8.0	4.7	
2095	5	9.6	12.8	3.4	40.5	4.3	13.2	6.3	22.6	4.9	40.5	3.4	18.5	8.6	13.0	8.0	19.9	6.2	9.8	20.6	14.9	9.9	17.5	7.3	15.7	6.8	19.7	9.0	7.9	
2095	6	11.7	11.7	3.1	25.0	13.4	16.8	8.8	14.9	10.4	5.6	13.3	15.9	9.3	11.4	17.0	3.1	5.4	23.3	16.1	6.4	12.1	9.1	12.1	6.0	8.3	25.0	13.5	3.7	
2095	7	13.3	15.9	6.1	61.7	13.5	24.0	13.2	22.0	7.2	11.7	13.9	9.2	61.7	10.4	14.6	11.9	13.5	8.0	37.9	14.1	16.5	13.9	11.7	6.1	14.4	12.6	10.0	8.9	
2095	8	12.5	14.4	5.2	39.5	11.9	14.1	14.2	8.2	32.4	5.2	6.0	8.7	13.8	10.1	14.9	9.1	13.0	39.5	11.1	9.8	14.8	13.0	16.7	7.6	16.2	12.0	34.1	8.6	
2095	9	11.8	12.6	2.4	30.1	12.0	25.1	10.8	4.0	14.1	9.2	6.6	19.9	14.0	2.4	5.4	9.2	17.4	7.4	24.1	17.7	11.7	15.9	12.2	4.9	6.6	13.1	8.8	30.1	
2095	10	6.6	7.4	2.5	17.8	5.8	17.8	6.4	5.0	11.6	2.5	11.7	10.6	5.4	7.0	12.6	6.5	8.6	3.1	4.8	6.9	3.8	6.7	5.5	6.3	10.5	3.3	7.1	6.9	
2095	11	7.9	8.8	3.1	21.9	9.2	9.2	6.7	21.9	4.0	6.8	9.7	5.3	3.5	15.4	6.3	7.7	10.5	5.2	8.0	12.3	7.1	6.4	3.1	16.2	10.5	3.8	9.2	14.0	
2095	12	5.6	6.5	2.3	18.2	5.8	7.6	4.8	2.7	7.3	2.7	7.5	5.2	8.8	7.7	7.5	3.9	2.7	5.3	5.2	18.2	9.6	2.3	6.5	16.0	5.3	6.2	2.5	5.3	
2096	1	5.0	6.1	1.7	13.6	4.2	7.8	1.8	7.6	4.7	11.8	9.1	4.9	10.1	13.6	5.1	6.9	6.3	3.4	4.8	4.8	4.8	11.0	2.2	1.7	2.6	6.5	6.0	3.9	
2096	2	5.8	6.2	1.9	13.2	7.3	13.2	5.6	1.9	8.8	6.5	5.6	3.6	9.1	3.3	3.5	4.2	8.8	2.1	4.4	3.5	6.0	5.6	6.1	10.2	6.5	8.8	5.3	7.8	
2096	3	4.4	4.7	0.6	10.9	7.1	4.2	6.6	4.3	9.9	10.9	5.2	3.0	3.2	3.1	7.6	1.3	3.5	1.9	5.3	3.6	3.1	5.3	4.5	4.4	6.5	4.8	3.7	0.6	
2096	4	6.2	6.6	0.0	19.2	9.4	9.0	4.0	4.6	5.2	6.5	15.0	6.1	3.7	2.7	4.0	8.4	9.2	7.9	5.1	7.6	3.2	1.5	19.2	6.2	0.0	0.6	7.5	10.8	
2096	5	6.6	9.3	3.0	19.7	18.7	6.5	9.9	13.5	3.2	9.4	7.8	10.1	5.3	5.7	5.3	19.2	6.3	4.5	18.2	3.0	5.1	9.0	4.8	16.2	16.4	19.7	5.4	5.6	
2096	6	11.4	12.3	3.6	32.4	5.2	4.1	9.6	12.2	10.6	11.3	11.7	16.4	22.4	6.8	13.6	8.6	3.6	10.6	16.0	32.4	15.0	8.7	12.4	16.9	8.8	13.3	17.5	3.6	11.6
2096	7	13.4	14.3	3.9	40.5	13.3	28.3	9.9	15.6	7.8	13.8	13.4	7.5	6.7	18.9	7.9	19.7	18.6	11.2	11.8	4.0	17.9	10.3	13.9	40.5	8.8	3.8	22.6	16.5	
2096	8	15.3	15.5	7.7	88.1	11.5	14.8	12.7	88.1	21.3	24.5	16.1	17.1	12.2	9.3	15.7	19.7	19.9	19.6	8.5	9.3	12.6	20.4	9.8	9.0	25.7	17.9	7.7	11.4	
2096	9	13.2	15.7	5.2	39.4	22.1	22.8	14.7	20.3	22.4	39.4	13.4	19.9	5.4	12.7	13.6	12.8	8.7	6.5	24.5	19.3	25.8	5.2	10.3	12.2	9.6	13.0	13.0	10.4	
2096	10	6.2	8.0	3.1	20.1	6.3	19.7	20.1	5.0	11.7	3.3	10.0	3.1	4.4	11.5	5.2	6.5	9.1	4.1	3.7	6.2	5.5	5.9	5.3	9.6	17.9	5.4	6.2	6.4	
2096	11	6.0	6.5	2.6	12.3	3.8	3.3	5.4	10.5	5.5	5.6	3.6	8.2	4.7	6.9	9.1	6.2	11.3	8.3	6.1	6.1	3.3	6.0	3.7	3.3	11.2	9.3	12.3	2.6	
2096	12	5.4	5.5	2.4	10.1	6.8	7.7	3.5	5.4	6.4	2.4	5.4	7.3	2.7	8.2	5.7	3.3	6.2	3.6	3.0	8.9	4.2	10.1	4.7	6.1	3.7	7.0	4.5	4.7	
2097	1	6.2	6.6	2.4	11.1	2.4	8.2	6.3	11.0	3.2	9.4	6.3	10.5	5.8	4.1	4.1	11.1	8.8	7.1	5.9	4.7	6.0	6.0	5.0	6.3	4.3	10.3	6.8	6.1	
2097	2	4.1	5.0	1.3	9.2	3.8	4.0	4.0	4.0	9.2	9.1	1.5	5.3	7.1	7.1	6.1	5.3	5.3	3.4	3.5	4.0	4.1	6.3	4.1	1.3	6.5	3.6	3.2	7.8	
2097	3	4.8	5.5	1.1	13.1	2.7	2.2	4.7	4.6	7.5	3.5	6.5	4.4	5.9	6.0	3.8	10.4	1.8	5.6	1.1	5.2	4.2	11.3	6.1	3.8	4.9	4.6	9.1	13.1	
2097	4	6.6	8.0	2.6	20.0	8.0	6.7	10.1	6.0	8.4	20.0	5.7	6.5	2.6	8.5	4.1	8.8	5.6	17.2	11.9	6.4	4.2	9.9	6.9	3.6	14.1	6.1	4.3	6.3	
2097	5	10.5	11.8	3.9	25.1	7.5	6.1	18.3	8.9	10.1	25.1	12.0	15.9	10.8	9.9	4.5	7.7	8.1	16.1	19.8	22.1	11.6	6.7	17.5	3.9	4.0	17.2	11.1	8.3	
2097	6	13.0	13.5	2.0	28.6	22.6	13.8	11.9	21.6	9.3	15.6	4.7	13.1	19.3	8.1	18.9	9.0	14.0	28.6	19.9	7.3	12.9	14.0	8.6	12.4	2.0	4.0	20.0	12.2	
2097	7	15.6	18.3	6.9	39.8	27.2	14.0	35.5	26.4	39.8	8.2	17.9	16.2	15.0	14.9	10.7	14.0	20.9	12.2	32.3	19.7	12.2	10.9	25.0	23.4	7.3	19.0	6.9	9.3	
2097	8	13.5	14.5	2.9	33.1	8.4	13.2	12.1	18.7	10.8	5.9	10.3	7.8	26.1	8.1	2.9	25.8	8.4	11.9	53.1	7.4	11.1	23.9	17.3	46.3	7.4	6.7	22.7	25.3	
2097	9	15.5	15.1	4.4	28.8	9.8	13.0	13.0	15.3	19.6	25.0	6.6	25.9	9.0	8.9	11.0	10.1	5.9	15.7	24.3	19.0	19.9	6.4	4.4	21.6	16.4	16.3	28.8	15.6	
2097	10	7.5	7.6	2.6	15.7	3.6	4.6	9.3	12.9	10.7	8.7	6.2	9.1	15.7	5.9	5.2	10.7	11.3	4.8	3.6	8.4	6.1	3.2	7.4	6.4	8.7	2.6	10.4	7.6	
2097	11	7.5	8.0	2.6	15.4	2.6	6.8	8.5	8.2	4.4	12.4	11.5	11.3	3.1	5.9	15.4	9.4	14.3	14.4	3.1	3.0	4.7	6.4	4.9	11.7	4.0	4.0	14.1	8.6	
2097	12	5.0	6.1	2.7	18.4	8.5	10.1	3.7	4.5	5.0	5.0	4.5	6.7	4.5</																

Year	Month	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CMS historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-rcsm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-g2 historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp45 (kg m-2 d-1)	pr MIROC5 historical rcp45 (kg m-2 d-1)	pr bcc-rcsm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ME historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM4 historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)	
2011	1	8	8.2	2	14	10	5	7	9	13	3	10	7	6	11	6	12	8	13	3	7	9	14	7	11	9	7	2	7	
2011	2	7	6.8	0	13	3	4	8	6	10	8	3	7	13	3	6	13	11	8	2	4	15	7	10	9	11	8	8		
2011	3	7	6.5	2	13	8	2	9	3	8	13	5	12	7	7	3	5	4	8	5	4	8	5	6	7	8	7	7		
2011	4	7	6.5	2	11	11	9	2	10	5	8	5	4	7	7	10	5	6	2	5	6	4	10	4	10	7	8	7		
2011	5	10	9.6	0	18	7	12	5	0	10	8	10	13	8	18	8	16	7	10	6	6	13	7	10	6	11	7	14	9	
2011	6	12	10.9	4	19	12	9	12	8	4	12	14	8	12	16	13	9	14	5	19	8	10	15	6	9	13	7	12	14	
2011	7	14	14.1	6	23	11	14	6	11	14	11	13	13	18	12	11	20	16	11	18	8	16	13	15	23	20	15	16	14	
2011	8	14	12.9	6	21	13	14	13	12	14	18	6	16	10	16	6	15	9	18	14	11	16	16	20	9	7	6	21	10	
2011	9	12	12.3	6	19	10	16	8	12	12	16	6	12	12	8	19	10	16	13	19	19	6	18	10	11	11	11	9	12	
2011	10	10	9.9	3	18	14	11	11	11	3	18	6	4	7	12	7	13	7	8	9	5	13	4	17	11	14	16	8	9	
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2088	10	8	8.7	2	15	14	2	14	3	15	10	3	8	12	7	9	8	12	8	5	5	8	9	14	13	9	8	5	8		
2088	11	10	9.5	5	15	10	10	10	11	11	9	15	14	12	7	11	11	6	5	10	8	15	7	8	6	11	6	5	11		
2088	12	9	8.9	3	14	10	10	11	3	13	8	7	11	7	13	9	14	8	8	8	8	9	12	13	8	5	4	5	6		
2089	1	8	7.9	3	13	9	7	7	8	9	11	13	6	5	12	4	8	11	5	6	10	6	3	9	12	4	9	7	6		
2089	2	6	6.5	1	15	3	8	4	8	5	6	2	2	12	8	4	5	5	10	3	1	8	7	8	9	4	3	4	11		
2089	3	6	6.5	3	12	4	8	5	9	6	5	6	9	4	6	4	6	4	5	6	7	3	7	6	12	8	6	6	9		
2089	4	7	6.9	2	11	9	9	4	4	5	2	6	11	9	5	8	5	9	3	10	3	6	9	10	4	7	10	7	10		
2089	5	8	7.8	1	21	15	3	10	11	5	8	9	21	6	11	11	4	6	15	5	11	1	10	2	7	1	8	2	2		
2089	6	13	12.0	5	19	13	13	18	11	19	5	16	18	6	13	18	6	7	8	12	13	11	12	10	16	14	10	14	5		
2089	7	15	14.7	8	22	20	16	14	15	16	10	12	10	9	14	14	10	11	18	22	22	14	12	8	20	15	18	15	18		
2089	8	14	12.7	5	20	16	14	15	15	11	7	9	13	5	15	14	7	12	16	13	20	15	10	14	13	13	14	17	6		
2089	9	12	11.1	6	17	12	6	9	7	9	12	7	8	12	17	6	7	13	7	17	9	10	13	13	14	12	15	17	14		
2089	10	9	9.2	1	17	17	9	15	1	13	16	7	5	9	10	8	7	15	10	9	3	6	7	7	9	10	5	15	8		
2089	11	8	9.8	6	20	8	12	7	12	15	13	9	20	11	7	16	6	14	7	10	7	7	7	6	7	12	8	8	8		
2089	12	9	9.6	5	14	10	8	10	9	7	12	8	12	13	9	7	9	9	10	9	11	14	6	11	13	5	11	9	7		
2090	1	8	8.1	0	14	5	4	14	4	11	12	7	4	12	8	6	7	12	12	8	8	12	7	0	11	8	10	7	7		
2090	2	7	6.8	2	14	8	9	9	3	9	6	14	6	10	2	2	9	4	3	4	6	7	6	7	9	9	7	7	11		
2090	3	6	6.2	2	14	6	4	4	2	9	5	14	6	4	3	6	5	9	9	3	4	4	6	5	4	3	2	5	7	10	10
2090	4	6	7.1	2	13	4	4	5	9	4	8	8	9	6	13	12	10	4	7	4	5	6	2	13	5	5	8	6	13		
2090	5	10	9.9	4	17	6	15	10	9	6	13	10	5	11	10	10	17	13	7	14	13	9	6	4	12	13	9	8	8		
2090	6	12	11.9	4	19	18	15	12	5	16	17	9	12	15	10	10	11	13	8	14	14	12	4	15	15	19	11	5	5		
2090	7	15	14.9	8	21	18	12	13	9	13	15	17	11	15	19	14	19	18	15	21	14	11	8	15	19	18	12	14	17		
2090	8	12	12.5	7	19	13	14	11	8	7	17	10	19	11	16	8	16	12	11	18	16	10	10	16	10	11	13	15	8		
2090	9	13	12.6	4	20	13	15	14	12	16	4	11	8	9	20	18	4	14	12	16	12	14	15	11	14	10	12	17	12		
2090	10	9	9.8	5	17	10	10	7	12	11	17	13	8	13	9	8	11	14	7	8	5	7	8	5	8	8	16	9	12		
2090	11	9	9.2	5	16	13	14	9	8	7	16	11	9	6	10	6	14	9	10	5	9	6	9	9	6	16	7	6	6		
2090	12	10	9.8	5	17	10	11	9	16	13	11	9	5	14	11	8	6	11	6	10	8	9	5	11	17	9	8	11	7		
2091	1	9	8.4	3	16	10	7	16	4	16	11	3	11	4	9	7	9	7	9	8	6	9	12	8	7	13	3	10	3		
2091	2	7	6.6	2	14	2	2	6	5	8	3	6	10	14	11	7	8	3	14	5	3	7	6	3	8	5	10	9	9		
2091	3	6	6.5	2	12	2	6	8	4	4	8	10	9	5	6	4	7	5	3	7	7	3	8	8	11	12	10	4	6		
2091	4	7	6.8	1	12	5	7	5	1	11	9	10	6	7	12	9	6	9	10	3	4	9	2	8	4	5	6	7	7		
2091	5	9	8.8	1	17	8	10	9	4	1	9	7	14	11	13	12	12	6	9	11	4	7	17	6	8	6	3	12	11		
2091	6	10	11.3	6	18	10	11	6	8	9	10	10	13																		



2094	1	9	8.8	3	13	9	9	6	11	11	8	10	6	3	9	13	11	8	11	7	8	12	7	7	4	13	8	12	9	
2094	2	7	6.3	2	12	7	7	4	12	6	3	11	8	8	10	4	4	9	3	2	6	12	7	8	3	5	3	7	3	
2094	3	6	6.6	2	14	8	8	6	12	8	7	14	9	7	5	3	8	4	4	8	6	2	6	5	3	6	6	7	6	
2094	4	6	6.9	3	15	7	4	4	6	13	4	8	11	6	9	7	15	3	5	8	4	3	5	6	9	8	6	3	11	
2094	5	7	8.0	3	17	12	6	10	3	7	12	9	7	3	9	7	7	7	8	17	7	5	7	7	10	6	6	15	5	
2094	6	12	11.4	6	17	17	15	15	13	17	16	7	7	6	9	11	14	12	9	15	9	6	7	12	15	10	7	11	14	
2094	7	17	15.0	5	27	16	17	20	18	16	18	8	5	8	27	19	18	13	12	14	12	18	8	18	8	18	11	22	18	12
2094	8	12	13.0	4	24	9	8	12	7	9	14	11	16	4	21	15	11	13	12	11	12	14	10	11	12	15	14	24	14	12
2094	9	12	12.5	3	20	9	11	10	8	16	14	19	10	11	17	11	12	20	11	15	12	3	16	15	16	6	7	14	17	
2094	10	13	11.5	3	16	13	3	15	10	15	9	14	15	16	15	13	13	13	7	10	14	11	13	7	7	11	16	7	8	
2094	11	9	9.5	3	16	8	3	7	11	9	9	9	10	5	11	13	16	6	15	11	7	7	9	12	9	16	15	8	3	
2094	12	10	9.4	3	14	14	6	6	12	4	10	3	9	8	12	11	9	9	7	7	13	11	13	12	8	13	10	10	12	
2095	1	9	8.5	0	15	13	5	6	11	8	11	9	6	9	8	6	12	0	3	6	8	6	15	7	13	9	13	11	9	
2095	2	7	6.8	1	15	6	8	8	7	5	6	7	7	4	5	9	9	7	4	4	15	5	11	9	1	2	4	12		
2095	3	5	6.2	0	12	12	3	4	10	6	0	9	10	11	3	5	4	7	5	12	2	7	3	3	3	5	11	9	5	
2095	4	7	7.0	2	14	13	5	10	11	9	5	5	4	5	6	2	11	4	14	8	2	7	8	9	7	3	7	9	5	
2095	5	8	8.3	3	16	10	11	9	16	4	13	3	13	8	8	9	6	7	13	7	7	7	12	5	9	6	5	9	3	
2095	6	11	10.5	3	17	13	8	12	12	6	5	7	16	15	17	16	3	11	15	15	6	7	10	12	8	6	15	10	8	
2095	7	14	15.3	9	22	13	16	18	20	15	18	10	14	20	9	17	13	13	11	22	14	14	20	14	14	17	21	14	11	
2095	8	13	12.6	5	23	15	12	12	12	11	8	12	9	9	23	13	15	14	16	13	17	10	5	18	16	10	16	14	11	6
2095	9	11	11.4	2	21	9	19	14	11	10	12	12	12	21	2	11	13	8	8	14	18	9	19	10	8	11	5	9	9	
2095	10	11	10.0	3	20	14	20	11	6	15	4	9	11	11	10	15	10	11	8	12	11	7	8	8	7	12	3	12	6	
2095	11	11	11.1	4	17	9	11	9	15	10	12	4	11	11	12	15	11	14	7	8	7	12	13	8	12	14	11	14	17	
2095	12	11	10.2	3	19	19	13	11	3	15	7	9	11	11	7	12	4	9	11	12	7	12	13	12	10	10	7	9	10	
2096	1	9	9.2	3	17	11	13	5	11	15	15	9	7	17	15	11	9	12	8	9	8	3	10	5	4	6	6	7	4	
2096	2	8	7.3	2	16	11	9	7	2	12	16	9	8	5	3	4	2	12	4	8	3	5	9	9	8	10	7	3	9	
2096	3	6	6.3	0	14	14	5	4	9	13	8	7	5	7	3	7	4	1	5	6	10	5	10	5	4	4	7	9	0	
2096	4	6	5.5	0	13	7	6	7	5	7	4	8	5	7	6	5	6	6	6	5	8	4	1	8	5	0	0	4	13	
2096	5	8	8.5	2	18	18	12	9	7	8	8	7	11	6	13	11	11	5	7	11	2	5	10	7	9	6	10	7	5	
2096	6	11	11.2	4	20	11	15	11	14	11	4	9	16	11	17	13	6	20	16	15	5	7	10	9	4	9	12	11	13	
2096	7	12	12.3	2	20	9	11	17	12	8	11	14	10	8	12	11	16	9	13	15	2	8	15	20	19	16	11	11	16	
2096	8	13	12.4	6	20	18	20	14	16	8	13	13	9	14	10	16	14	13	12	10	15	12	13	10	9	10	13	8	9	
2096	9	9	12.7	4	19	15	19	14	18	12	9	8	10	7	16	13	12	7	11	16	17	4	13	14	10	12	16	13	19	
2096	10	11	10.8	4	17	14	12	10	14	13	7	13	4	9	8	6	14	16	11	9	10	8	11	13	12	9	17	8	10	
2096	11	9	10.0	3	19	13	7	10	11	9	12	5	19	6	14	9	5	17	9	5	7	11	9	14	8	6	18	12	3	
2096	12	10	9.3	3	14	10	11	7	9	13	3	10	9	7	10	7	9	11	7	13	13	6	11	14	11	3	9	11	8	
2097	1	9	9.4	1	17	1	11	8	8	9	9	6	9	15	8	8	13	9	17	17	7	9	10	9	6	10	10	4	13	
2097	2	7	7.2	2	15	9	6	6	15	4	3	5	4	9	12	8	7	6	11	6	4	8	4	2	12	4	7	12		
2097	3	7	6.7	2	12	5	7	6	8	12	8	6	7	10	7	7	6	4	6	2	4	5	3	7	9	4	6	9	12	
2097	4	6	6.0	2	13	9	6	4	4	8	9	6	2	3	7	4	7	4	2	5	3	11	6	13	6	9	9	4	4	
2097	5	10	9.5	3	17	10	9	11	9	5	14	4	8	8	12	3	12	9	15	10	17	5	11	10	8	8	11	10	8	
2097	6	12	11.9	2	19	12	11	15	7	15	8	12	16	18	14	11	15	12	19	13	12	11	12	9	2	6	9	16		
2097	7	16	15.6	6	21	17	16	18	19	11	14	12	19	14	6	10	18	15	16	17	20	12	15	16	21	15	21	13	19	
2097	8	13	13.3	6	19	12	17	18	18	9	10	8	11	19	7	6	12	13	17	19	12	10	17	18	18	15	14	18	15	
2097	9	12	12.6	5	20	16	12	17	15	19	9	5	16	13	19	6	14	10	11	17	14	12	7	9	16	15	11	11	11	
2097	10	11	10.7	3	16	11	3	10	12	5	11	6	8	12	12	14	11	13	14	9	13	11	5	15	11	11	9	16	15	
2097	11	10	9.9	2	16	4	6	12	9	9	11	16	10	14	9	10	11	6	8	5	10	8	13	16	10	2	14	15		
2097	12	10	10.5	3	15	13	10	10	11	7	10	9	15	12	15	11	9	10	9	11	3	11	15	12	10	8	14	9	7	
2098	1	9	8.0	1	12	2	5	8	12	10	1	10	8	7	8	12	4	4	9	10	10	8	12	10	9	4	11	9		
2098	2	7	7.0	2	14	8	8	4	2	7	9	6	14	4	14	5	3	5	8	10	7	3	4	4	7	8	11	9	8	
2098	3	6	6.1	1	12	9	1	10	4	11	2	6	3	12	2	3	11	6	7	9	5	3	8	7	7	7	4	4	5	
2098	4	6	6.4	1	12	5	5	7	12	8	5	7	3	8	1	6	11	5	9	10	5	6	5	8	5	4	3	7	9	
2098	5	8	8.3	2	17	10	17	8	11	7	5	11	6	4	5	10	5	11	8	9	7	12	2	5	4	7	7	16	11	
2098	6	12	12.4	4	19	4	13	8	17	13	7	10	13	17	7	13	11	12	19	10	12	16	11	17	11	10	18	17	12	
2098	7	16	14.4	5	22	18	13	11	19	17	7	14	8	19	9	18	14	9	17	22	5	17	9	19	16	15	18	16	16	
2098	8	12	12.3	5	20	9	11	13	16	10	10	9	10	12	13	11	15	15	14	20	5	18	8	14	16	12	7	11	17	
2098	9	12	11.4	4	18	5	14	12	9	18	12	9	9	11	18	13	11	7	12	18	8	4	13	8	16	10	9	15	12	
2098	10	12	11.7	5	18	11	11	18	8	12	13	14	17	11	14	11	12	14	11	16	8	8	12	14	13	9	10	10	5	
2098	11	9	9.8	4	17	7	17	4	13	12	13	13	9	12	6	9	15	6	14	4	7	5	7	13	9	9	9	15	7	
2098	12	9	9.3	1	17	9	11	9	15	6	12	7	3	9	7	14	5	11	9	10	9	12	9	17	9	9	10	10	1	
2099	1	7	7.6	3	16	10	8	9	10	5	10																			

Year	Month	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CMS historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-g2 historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp45 (kg m-2 d-1)	pr MIROC5 historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ME historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM4 historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)	
2011	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2011	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	
2011	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	4	0	0.3	0	2	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	2	0	0	1	
2011	5	1	1.1	0	4	2	3	0	0	0	1	1	0	0	2	2	3	1	2	0	0	1	1	0	4	1	0	2		
2011	6	0	1.0	0	3	2	0	0	0	0	1	2	2	3	3	0	1	0	0	3	2	0	2	0	0	0	0	0	2	
2011	7	2	1.6	0	4	2	4	0	3	2	2	4	2	2	0	2	2	0	4	1	0	0	1	3	1	0	2	2		
2011	8	1	1.3	0	3	2	1	2	2	1	0	0	2	1	2	0	3	0	1	2	1	3	1	1	3	0	0	1	1	
2011	9	1	1.2	0	4	1	2	1	1	4	3	0	0	0	1	1	1	0	1	2	0	2	3	2	0	0	2	2	0	
2011	10	0	0.3	0	2	0	0	2	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	0	0	1	0	
2011	11	0	0.3	0	3	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
2011	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2012	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	
2012	4	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2012	5	0	0.7	0	3	1	0	0	0	0	1	0	0	0	1	0	2	0	0	1	3	1	0	0	0	0	3	1	2	0
2012	6	1	1.0	0	4	1	1	1	0	0	2	0	0	0	1	0	0	4	2	0	0	0	2	1	1	3	0	2	0	
2012	7	1	1.6	0	5	0	5	2	2	4	5	1	4	1	4	1	0	0	1	3	1	2	1	0	0	0	0	0	1	
2012	8	1	1.7	0	6	0	2	1	1	3	1	4	0	1	0	1	2	2	5	4	0	0	3	0	1	1	6	2	0	
2012	9	1	1.1	0	4	2	1	0	0	1	1	1	0	0	1	1	0	1	0	1	1	0	2	2	2	1	2	4	3	
2012	10	0	0.5	0	3	0	1	1	0	0	0	0	3	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	0	
2012	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	12	0	0.0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	1	0	0.1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2013	2	0	0.1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	3	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2013	4	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	5	0	0.6	0	3	2	0	0	0	2	1	0	0	0	0	0	0	3	2	0	0	0	0	0	1	0	0	0	0	0
2013	6	1	0.9	0	4	1	0	2	0	0	0	0	2	1	0	0	2	0	0	1	2	0	1	3	1	4	0	0	1	
2013	7	1	1.9	0	7	0	7	2	1	3	1	0	2	1	1	3	2	1	4	1	5	2	1	4	2	1	0	1	0	
2013	8	1	1.2	0	3	0	1	0	0	3	1	2	1	1	2	3	2	1	1	3	0	3	1	1	1	0	0	2	0	
2013	9	1	1.3	0	3	1	2	0	2	1	2	3	0	3	2	1	1	1	1	3	0	2	0	2	0	2	0	2	0	
2013	10	0	0.3	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	
2013	11	0	0.1	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	12	0	0.1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2014	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	4	0	0.3	0	1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2014	5	0	0.5	0	3	0	0	0	0	1	1	1	3	0	0	1	0	0	0	2	0	1	0	0	1	0	0	1	0	0
2014	6	1	1.2	0	4	2	0	2	1	1	0	4	4	0	0	0	1	4	0	1	2	0	0	2	0	0	1	1	0	2
2014	7	2	1.5	0	3	2	2	1	2	2	0	2	1	2	0	2	2	1	0	1	0	3	2	3	2	1	2	1	2	1
2014	8	1	1.4	0	5	0	1	4	1	3	3	0	1	5	1	1	2	1	1	0	1	2	0	0	0	2	0	3	1	0
2014	9	1	1.1	0	4	3	1	0	0	1	2	2	1	1	4	1	1	2	1	0	1	0	0	0	1	1	1	2	1	1
2014	10	0	0.2	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
2014	11	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	12	0	0.1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	1	0	0.1	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	3	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	4	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2015	5	1	0.8	0	2	0	0	0	0	0	1	2	0	0	1	1	2	0	2	2	0	1	2	1	2	0	0	1	1	1
2015	6	1	1.1	0	4	1	0	0	0	0	0	0	0	0	1	2	0	0	1	2	3	2	1	4	1	0	0	3	3	0
2015	7	1	1.8	0	7	3	5	0	0	1	1	3	1	1	2	0	2	1	7	1	1	3	1	1	1	2	0	2	3	0
2015	8	1	1.3	0	6	3	6	1	0	0	2	1	1	0	3	0	0	3	1	0	1	1	2	1	2	1	0	1	1	0
2015	9	1	0.8	0	3	0	1	0	2	1	1	1	2	3	0	0	0	0	2	0	0	1	1	0	1	1	0	0	0	0
2015	10	0	0.2	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
2015	11	0	0.2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
2015	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	1	0	0.0	0	1	0	0	0	0	0																				





2033	5	0	0.6	0	3	0	0	1	0	1	0	0	0	0	0	1	0	1	0	1	2	0	0	1	3	1	0	2	0		
2033	6	0	1.0	0	4	1	1	2	4	0	0	0	0	0	0	0	0	2	0	1	1	1	4	2	0	0	0	0	4		
2033	7	2	1.7	0	7	2	1	0	0	2	2	3	0	3	1	1	1	2	2	7	3	3	3	0	1	0	3	0	1		
2033	8	1	1.5	0	5	1	0	2	1	3	2	2	1	0	5	0	1	3	2	1	4	0	2	0	4	0	0	1	2		
2033	9	1	1.4	0	5	1	2	0	4	1	4	0	0	1	2	0	0	1	2	1	5	1	0	0	0	5	2	0	1		
2033	10	0	0.3	0	1	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0		
2033	11	0	0.3	0	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0		
2033	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2034	1	0	0.3	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1		
2034	2	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
2034	3	0	0.2	0	3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0		
2034	4	0	0.3	0	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0		
2034	5	1	0.8	0	3	2	1	1	0	3	0	0	0	0	1	1	1	0	0	1	1	0	1	0	1	2	2	0	1		
2034	6	1	1.2	0	4	1	2	0	4	2	0	3	0	1	0	2	1	0	2	1	1	0	1	1	3	0	0	1	3		
2034	7	2	1.8	0	4	4	2	2	1	1	3	3	0	1	4	1	1	3	3	0	4	2	2	2	2	1	1	1	0		
2034	8	1	1.4	0	4	2	0	1	4	3	2	2	1	0	0	0	1	2	2	2	0	1	3	1	1	2	2	1	1		
2034	9	1	0.8	0	3	1	1	0	0	0	0	2	2	1	0	0	0	0	3	1	0	0	1	2	1	2	1	0	1		
2034	10	0	0.4	0	2	1	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	2	0	1	1	1	0	0	0		
2034	11	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0		
2034	12	0	0.3	0	2	0	0	1	0	0	0	0	0	0	1	2	2	0	0	0	0	0	2	0	0	0	0	1	0		
2035	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2035	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2035	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0		
2035	4	0	0.2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	1	0		
2035	5	0	0.9	0	4	0	0	0	0	0	3	0	1	0	0	0	3	1	3	2	1	0	0	1	0	1	4	0	1		
2035	6	1	0.9	0	4	0	0	2	0	0	1	0	1	4	0	2	2	1	1	2	1	1	0	1	0	1	0	1	0		
2035	7	2	2.1	0	5	3	3	2	2	2	1	2	1	3	1	2	1	3	3	0	0	0	2	2	3	5	4	2	2		
2035	8	2	1.8	0	6	3	4	2	2	6	3	2	2	1	2	1	3	0	2	4	1	2	0	0	0	1	1	1	1		
2035	9	1	1.3	0	6	0	0	2	0	6	3	1	2	0	1	0	0	1	2	0	2	1	0	2	4	0	4	0	0		
2035	10	0	0.3	0	2	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1		
2035	11	0	0.1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2035	12	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2036	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2036	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2036	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2036	4	0	0.2	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0		
2036	5	1	0.6	0	3	0	0	0	1	1	1	1	1	1	0	1	0	0	1	0	0	2	1	1	0	0	0	0	3	0	
2036	6	1	0.8	0	3	0	3	0	0	1	0	0	0	0	3	1	1	0	0	0	1	1	2	0	3	2	1	1	0		
2036	7	1	1.5	0	5	2	3	2	3	0	1	2	1	0	0	3	0	1	2	2	1	3	1	1	1	2	5	1	1		
2036	8	1	1.8	0	9	1	2	2	2	0	1	0	1	2	2	0	1	2	3	1	3	1	2	0	1	1	9	4	1		
2036	9	1	1.2	0	3	2	1	0	1	3	3	2	0	0	2	0	0	1	2	0	2	0	1	0	3	0	3	1	2		
2036	10	0	0.4	0	1	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	
2036	11	0	0.3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	
2036	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2037	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2037	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2037	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2037	4	0	0.2	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2037	5	0	0.5	0	3	0	0	0	0	0	0	1	1	3	0	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	
2037	6	1	0.8	0	3	1	1	1	1	0	0	1	3	0	0	1	0	2	1	0	0	1	0	3	1	0	2	0	0	0	
2037	7	2	2.0	0	5	4	5	0	2	3	0	3	1	3	1	0	2	3	3	4	2	3	2	0	1	0	2	1	3		
2037	8	1	1.5	0	5	1	1	2	0	1	2	0	1	2	1	3	1	1	3	5	1	0	2	2	2	0	2	0	2	0	
2037	9	1	1.1	0	5	0	1	0	2	2	1	0	2	1	2	1	0	2	5	1	2	0	2	2	2	0	1	0	0	0	
2037	10	0	0.4	0	2	2	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	
2037	11	0	0.2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	
2037	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2038	1	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2038	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	4	0	0.3	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	5	1	1.0	0	3	2	0	1	2	2	1	3	1	1	0	0	1	1	0	2	1	1	1	1	0	2	0	0	1	1	
2038	6	1	1.4	0	5	2	1	3	5	0	1	2	0	1	1	0	2	1	1	0	2	1	0	5	1	1	3	0	1	1	
2038	7	2	2.3	0	6	6	0	4	3	2	0	5	2	0	3	5	1	2	0	1	5	5	4	2	1	0	2	2	1	1	
2038	8	1	1.4	0	5	1	3	0	1	1	2	0	2	1	2	5	0	1	1	4	2	3	0	2	1	1	0	0	0	1	



2048	7	1	1.9	0	7	0	1	3	1	2	2	4	1	3	0	2	5	1	3	7	0	1	1	2	0	0	5	0	1
2048	8	2	1.7	0	5	0	0	5	1	3	2	1	3	0	2	0	5	1	1	2	1	3	0	0	3	2	3	3	0
2048	9	1	0.9	0	3	1	0	0	0	1	3	0	2	2	1	1	0	1	2	0	1	1	0	0	0	2	1	0	
2048	10	0	0.1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2048	11	0	0.2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	
2048	12	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	
2049	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
2049	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
2049	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2049	4	0	0.3	0	2	1	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	
2049	5	0	0.5	0	4	0	0	0	0	1	1	0	0	0	0	0	1	4	0	0	0	0	1	2	0	1	0	1	
2049	6	1	1.4	0	6	0	3	2	1	2	1	0	1	2	0	0	1	5	5	1	0	2	0	6	0	0	0	0	
2049	7	2	2.4	0	7	1	7	2	4	2	1	3	2	0	4	3	2	4	0	1	3	2	4	3	0	1	2	5	
2049	8	2	1.6	0	5	0	2	2	1	1	2	1	0	2	3	0	2	4	2	2	5	1	1	1	2	1	1	0	
2049	9	2	1.5	0	4	1	0	0	0	2	4	3	1	0	2	2	2	4	3	2	2	1	2	1	0	0	1	1	
2049	10	0	0.4	0	2	2	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	
2049	11	0	0.4	0	1	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	
2049	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
2050	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2050	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2050	3	0	0.2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	
2050	4	0	0.4	0	3	1	0	0	0	1	0	0	1	0	0	1	0	1	0	0	1	0	0	3	0	0	0	1	
2050	5	0	0.6	0	4	0	0	0	1	1	1	0	1	0	1	0	1	0	0	0	2	0	1	1	0	0	1	4	
2050	6	0	0.8	0	3	0	1	0	2	0	2	0	3	0	0	0	0	0	0	2	2	0	0	1	3	0	0	2	
2050	7	1	1.7	0	6	4	6	0	4	1	0	1	1	3	3	1	0	1	0	3	2	1	3	0	1	1	2	0	
2050	8	1	1.8	0	5	0	5	2	2	5	2	1	4	0	0	3	5	0	1	0	5	1	1	1	2	1	0	2	
2050	9	1	1.5	0	4	2	0	0	2	2	0	1	2	2	4	4	0	1	1	2	1	4	3	1	0	0	0	2	
2050	10	0	0.0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2050	11	0	0.2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	
2050	12	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2051	1	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2051	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2051	3	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
2051	4	0	0.3	0	2	2	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	
2051	5	0	0.7	0	3	0	0	0	2	1	0	2	1	0	0	0	3	0	0	1	1	0	2	0	0	0	1	0	
2051	6	1	1.3	0	4	1	0	0	3	1	2	2	2	2	0	0	1	0	0	3	3	0	4	3	2	2	0	2	
2051	7	2	2.3	0	6	2	4	2	4	4	2	6	2	0	6	4	3	1	1	0	2	0	3	1	3	2	2	1	
2051	8	2	1.6	0	4	3	1	1	2	3	4	0	2	3	0	3	2	0	0	3	3	2	0	0	1	3	0	2	
2051	9	1	1.3	0	3	3	2	0	0	1	3	0	0	1	3	3	1	1	0	2	0	2	0	1	3	0	1	2	
2051	10	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	
2051	11	0	0.4	0	2	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	1	1	0	1	0	1	0	0	
2051	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2052	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2052	2	0	0.1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2052	3	0	0.1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2052	4	0	0.2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
2052	5	1	0.8	0	4	1	0	0	0	0	1	1	2	0	2	1	4	0	0	1	0	2	1	1	2	1	0	0	
2052	6	1	1.3	0	5	1	2	2	0	5	1	2	0	1	0	2	0	0	1	1	0	2	1	2	2	3	1	0	
2052	7	1	1.5	0	6	2	2	1	2	0	0	1	6	0	1	0	4	4	1	0	1	5	2	0	0	0	1	3	
2052	8	1	1.4	0	5	0	1	2	0	1	1	5	1	0	2	1	0	0	1	0	3	0	1	2	2	1	5	4	
2052	9	1	1.5	0	4	1	4	0	1	2	4	0	1	1	2	1	3	0	2	3	2	2	0	2	2	0	1	0	
2052	10	0	0.3	0	2	0	0	0	1	0	0	0	0	0	0	1	2	0	0	1	0	0	0	1	0	0	1	0	
2052	11	0	0.3	0	2	0	0	1	0	1	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	
2052	12	0	0.2	0	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	
2053	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2053	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2053	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2053	4	0	0.2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2053	5	1	1.0	0	3	0	0	0	1	1	1	2	2	1	3	1	3	0	0	0	0	3	0	0	0	0	1	0	
2053	6	1	1.2	0	6	3	1	0	6	0	0	1	1	0	1	1	1	3	2	0	1	0	0	0	1	1	3	2	
2053	7	1	1.5	0	5	3	2	0	1	0	3	2	1	1	3	1	0	1	1	2	2	3	1	1	0	1	5	1	
2053	8	1	1.4	0	6	2	2	0	0	3	1	3	2	0	1	0	0	1	1	0	0	6	0	2	1	2	1	5	
2053	9	1	1.3	0	5	2	2	0	0	4	1	0	0	1	0	4	1	1	0	1	2	1	2	3	0	0	1	5	
2053	10	0	0.1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2053	11	0	0.1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
2053	12	0	0.2	0	2	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2054	1	0	0.3	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2054	2	0	0.0	0	0	0	0																						





2063	9	1	1.3	0	4	2	0	0	1	4	1	2	2	0	4	2	2	0	1	2	0	1	0	1	1	1	2	3	0		
2063	10	0	0.5	0	3	0	0	0	0	0	0	1	0	0	0	3	1	0	0	0	0	2	0	2	0	0	2	2	0		
2063	11	0	0.3	0	1	0	0	0	1	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0		
2063	12	0	0.0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2064	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2064	2	0	0.1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
2064	3	0	0.2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		
2064	4	0	0.1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2064	5	1	0.8	0	3	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	3	0	1	1	0	2	1	0	1	1	
2064	6	1	1.0	0	4	0	1	0	2	2	0	1	2	3	0	1	0	4	1	0	1	0	1	0	2	2	2	1	0	0	
2064	7	1	1.7	0	5	1	0	5	1	5	2	1	0	1	2	1	2	1	3	1	3	3	1	2	2	0	3	0	0	0	
2064	8	1	1.8	0	6	0	0	6	1	5	3	0	4	1	0	1	1	2	1	3	1	4	1	4	1	4	0	2	0	2	
2064	9	1	1.2	0	3	1	0	0	1	1	0	2	2	1	0	1	2	0	1	0	0	3	3	3	1	2	1	1	1	1	
2064	10	0	0.3	0	1	0	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2064	11	0	0.3	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	
2064	12	0	0.2	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	
2065	1	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	
2065	2	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2065	3	0	0.1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2065	4	0	0.2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2065	5	0	0.6	0	3	1	0	0	0	0	0	3	0	0	0	1	0	1	2	1	0	0	0	3	0	0	0	0	1	1	
2065	6	1	1.0	0	4	0	2	3	0	1	0	1	0	1	0	1	4	0	1	0	4	0	0	2	0	0	1	0	0	2	
2065	7	2	2.2	0	5	1	3	5	1	1	4	1	0	4	5	2	1	4	2	4	2	1	1	3	3	1	2	1	1	1	
2065	8	1	1.3	0	4	1	2	1	0	2	0	0	2	1	1	1	1	1	0	4	3	0	1	2	3	3	2	0	0	0	
2065	9	2	1.7	0	4	3	2	1	1	2	2	0	2	3	2	2	1	0	2	1	0	3	4	0	4	3	0	1	1	1	
2065	10	0	0.5	0	4	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	4	1	1	
2065	11	0	0.3	0	2	0	0	1	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
2065	12	0	0.1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2066	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2066	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2066	3	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2066	4	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2066	5	1	0.6	0	3	1	1	1	3	2	1	0	1	0	1	0	0	0	0	0	1	3	0	0	2	0	0	1	2	0	
2066	6	1	1.7	0	5	1	4	1	5	2	1	1	1	0	2	2	1	4	1	3	1	0	0	3	3	2	0	1	2	0	
2066	7	1	1.4	0	6	1	6	0	0	0	0	0	4	3	0	4	2	1	2	2	2	3	1	1	1	1	1	0	0	0	
2066	8	1	1.2	0	5	0	2	2	2	1	1	0	0	0	1	2	3	1	0	2	0	1	1	0	0	5	3	0	0	0	
2066	9	1	1.1	0	3	1	3	0	1	0	3	1	3	1	0	0	0	3	0	3	0	1	2	0	1	1	1	2	0	0	
2066	10	0	0.3	0	2	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2066	11	0	0.2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
2066	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2067	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2067	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2067	3	0	0.1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2067	4	0	0.3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2067	5	1	0.8	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	2	0	0	5	1	1	
2067	6	0	0.7	0	3	1	0	0	0	0	3	1	1	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	2	0
2067	7	1	1.1	0	4	2	3	0	1	0	3	0	0	2	1	1	1	2	1	1	0	0	0	0	4	0	0	0	2	3	0
2067	8	2	1.9	0	6	3	0	6	0	1	6	0	2	3	1	0	2	1	3	0	0	4	1	3	2	1	2	2	2	2	0
2067	9	1	1.4	0	5	0	2	3	0	3	0	0	1	0	2	2	0	1	1	0	2	1	3	0	2	1	1	5	2	3	0
2067	10	0	0.3	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
2067	11	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2067	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2068	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	4	0	0.2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	5	1	0.5	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	6	1	1.5	0	6	2	1	6	2	1	0	2	2	0	1	0	4	2	0	3	1	1	6	0	2	0	1	1	3	0	0
2068	7	1	1.5	0	4	2	3	1	2	4	0	0	2	3	1	1	0	2	0	1	1	3	0	1	3	0	0	0	0	1	0
2068	8	2	1.8	0	7	1	0	2	3	1	0	2	3	0	1	0	3	7	3	2	2	1	3	1	2	2	4	1	1	1	0
2068	9	1	1.4	0	4	3	2	2	2	1	4	0	2	1	3	1	0	1	2	1	1	1	0	1	0	3	1	1	1	1	0
2068	10	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	11	0	0.2	0	1	0	0	1	0	0	0	0	0																		





2086	6	1	1.0	0	5	0	1	2	3	0	1	1	2	0	2	0	0	1	0	0	1	0	2	2	0	1	5	1	0							
2086	7	2	2.0	0	6	3	4	1	3	3	4	2	2	1	2	2	1	1	1	3	1	0	6	1	3	0	1	2								
2086	8	1	1.5	0	6	1	3	1	4	0	1	0	1	0	6	2	1	2	0	0	1	3	1	1	0	1	2	1	3							
2086	9	1	1.0	0	3	0	1	3	0	2	1	1	1	3	3	1	0	1	2	0	1	1	3	0	1	0	0	0	0							
2086	10	0	0.5	0	2	0	1	1	0	0	0	0	2	0	0	0	0	1	1	1	1	2	1	0	0	0	1	0	0							
2086	11	0	0.3	0	1	1	1	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0							
2086	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0							
2087	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
2087	2	0	0.0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
2087	3	0	0.4	0	4	0	0	0	4	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
2087	4	0	0.3	0	1	1	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0							
2087	5	1	1.0	0	6	1	0	0	1	0	0	2	0	0	0	3	2	3	1	1	1	0	0	2	0	6	0	2								
2087	6	1	0.9	0	3	1	1	1	1	0	0	1	2	2	3	0	0	3	0	1	1	0	1	0	0	1	0	0	3							
2087	7	1	1.6	0	5	3	2	1	0	1	3	1	0	2	2	1	0	1	1	2	4	2	3	1	5	0	4	0	0							
2087	8	1	1.4	0	4	0	4	2	2	1	0	0	3	1	3	0	2	2	0	3	3	1	1	2	0	0	2	1	0							
2087	9	1	1.3	0	4	1	1	0	3	2	1	1	4	2	1	0	2	2	0	2	2	1	0	3	0	3	0	0	3	0						
2087	10	0	0.3	0	2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	2	1	0	0	0							
2087	11	0	0.2	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0						
2087	12	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
2088	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0						
2088	2	0	0.2	0	2	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
2088	3	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	1	0						
2088	4	0	0.3	0	2	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2						
2088	5	0	0.4	0	3	1	0	1	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0						
2088	6	1	0.7	0	3	2	0	0	1	1	1	0	0	0	1	0	2	0	0	1	1	0	0	3	2	0	1	0	1	1						
2088	7	2	1.4	0	4	3	3	2	2	2	2	1	0	0	3	0	1	0	0	4	0	0	2	3	3	1	2	0	0	0						
2088	8	1	1.3	0	5	1	1	5	1	4	1	0	3	2	2	0	1	2	2	1	1	4	0	0	0	1	0	0	1	0	0					
2088	9	1	1.1	0	3	3	0	1	0	1	2	1	0	2	3	1	1	0	2	0	0	1	1	2	1	1	2	1	0	1						
2088	10	0	0.5	0	2	2	0	2	0	1	2	0	0	0	0	2	0	0	1	0	0	0	0	2	0	0	1	0	0	0						
2088	11	0	0.2	0	2	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
2088	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0					
2089	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
2089	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0					
2089	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2089	4	0	0.3	0	2	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0				
2089	5	1	1.0	0	4	1	1	1	0	1	0	2	4	1	1	2	0	1	1	1	1	2	0	0	2	1	1	1	0	0	0	0				
2089	6	1	1.3	0	5	0	1	1	1	3	0	5	4	0	2	1	0	0	0	1	2	0	0	0	4	1	0	0	3	1	1					
2089	7	2	2.3	0	7	7	1	3	2	1	1	2	1	4	2	0	2	2	1	6	4	1	0	5	1	2	2	2	3	0	0					
2089	8	1	1.3	0	4	0	1	3	2	1	1	1	0	0	3	2	0	1	4	1	0	3	0	2	0	1	4	0	0	0	0					
2089	9	1	0.9	0	6	1	1	0	0	1	0	0	1	3	2	0	0	0	6	2	1	1	0	0	0	1	2	0	0	0	0					
2089	10	0	0.4	0	3	1	0	3	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0					
2089	11	0	0.2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0				
2089	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0				
2090	1	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2090	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2090	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2090	4	0	0.4	0	3	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0		
2090	5	1	0.9	0	3	2	0	0	0	2	2	2	1	1	0	0	3	0	1	2	1	0	0	2	0	0	2	0	0	1	0	0	0			
2090	6	1	1.3	0	5	2	0	1	0	2	1	0	2	1	0	5	1	1	1	1	1	0	0	1	4	3	3	0	0	0	0	0	0			
2090	7	2	1.8	0	6	6	1	2	0	0	1	1	2	2	0	2	5	4	3	1	1	1	0	3	0	0	0	2	4	0	0	0	0			
2090	8	1	1.7	0	6	1	1	1	0	0	5	0	3	1	6	0	1	6	2	0	6	0	2	1	1	1	0	0	2	0	0	0	0	0		
2090	9	2	1.5	0	3	0	2	2	1	2	1	3	2	0	1	2	1	2	1	2	2	3	2	3	1	0	1	3	0	0	0	0	0	0		
2090	10	0	0.5	0	2	0	2	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	1	0	0	0		
2090	11	0	0.4	0	2	0	1	0	0	0	1	1	2	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2090	12	0	0.1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2091	1	0	0.1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2091	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2091	3	0	0.3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2091	4	0	0.4	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2091	5	0	0.7	0	3	0	1	0	0	0	2	0	0	0	0	3	1	0	0	1	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2091	6	1	0.9	0	2	0	2	1	1	1	2	2	1	2	1	1	0	1	0	2	0	1	1	0	2	0	0	0								



Year	Month	Median	Mean	Min	Max	pr MIROC-ESM historical rcp45 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp45 (kg m-2 d-1)	pr CNRM-CM5 historical rcp45 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp45 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp45 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp45 (kg m-2 d-1)	pr HadGEM2-ES historical rcp45 (kg m-2 d-1)	pr HadGEM2-AO historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp45 (kg m-2 d-1)	pr FGOALS-g2 historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp45 (kg m-2 d-1)	pr GFDL-CM3 historical rcp45 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp45 (kg m-2 d-1)	pr CanESM2 historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp45 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp45 (kg m-2 d-1)	pr MIROC5 historical rcp45 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp45 (kg m-2 d-1)	pr NorESM1-M historical rcp45 (kg m-2 d-1)	pr BNU-ESM historical rcp45 (kg m-2 d-1)	pr NorESM1-ME historical rcp45 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp45 (kg m-2 d-1)	pr CCSM4 historical rcp45 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp45 (kg m-2 d-1)
2011	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	4	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	5	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	6	0	0.1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2011	7	0	0.3	0	2	0	2	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2011	8	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	9	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	10	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	4	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	5	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	6	0	0.3	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	1
2012	7	0	0.3	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
2012	8	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	9	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	10	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	4	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	5	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	6	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0
2013	7	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2013	8	0	0.2	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
2013	9	0	0.0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	10	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	4	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	5	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	6	0	0.1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2014	7	0	0.3	0	2	0	1	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
2014	8	0	0.2	0	2	0	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	9	0	0.1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	10	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	3	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	4	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	5	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	6	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	7	0	0.2	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1
2015	8	0	0.3	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	1	0
2015	9	0	0.1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	10	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	11	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	2	0	0.0	0	0	0	0	0</																					





























2017	12	26.8	27.6	6.4	51.6	51.6	37.2	32.2	26.8	24.3	38.4	15.6	21.0	24.0	6.4	22.2	30.7	33.0	9.7	22.3	33.4	26.9	18.4	21.6	20.6	35.4	38.9	27.8	43.1	
2018	1	26.6	27.4	5.0	55.0	30.3	21.4	6.1	16.8	55.0	19.6	47.7	17.7	32.4	33.6	17.0	39.5	33.3	16.4	25.9	19.7	34.4	27.2	5.0	22.2	33.8	51.0	36.0	16.7	
2018	2	17.6	18.5	4.9	36.1	4.9	11.4	12.9	19.3	25.5	16.2	26.7	28.8	18.4	14.6	16.9	24.5	14.0	36.1	10.9	18.2	17.6	14.6	28.6	19.8	16.2	6.8	27.4	17.6	
2018	3	19.2	20.7	2.1	47.5	14.4	18.6	29.5	7.2	27.8	47.5	18.2	32.3	36.1	2.1	20.7	24.7	8.0	19.4	29.2	23.1	18.6	4.9	38.9	16.8	21.7	15.7	19.0	23.5	
2018	4	18.6	18.9	7.1	40.5	9.1	26.9	40.5	20.4	19.3	17.1	13.2	23.9	27.4	9.5	20.0	7.1	21.7	15.0	33.5	25.1	18.8	13.3	16.3	18.4	14.9	9.5	20.0	12.2	
2018	5	30.3	32.4	6.3	64.4	24.6	35.1	34.9	18.7	30.2	13.7	7.0	45.1	31.8	44.5	28.7	51.1	64.4	30.3	6.3	11.1	38.5	27.2	20.7	64.4	25.6	40.4	28.9	33.4	
2018	6	49.4	47.8	17.1	105.2	43.7	43.1	17.1	38.5	49.4	79.8	59.6	17.1	28.6	37.2	73.9	48.2	69.2	41.3	24.7	51.6	39.7	105.2	40.7	53.9	48.7	53.6	50.6	48.2	
2018	7	63.1	75.3	33.0	154.2	49.9	30.0	41.1	61.2	50.7	110.8	86.0	58.5	35.1	123.4	71.1	77.7	48.4	80.8	79.7	65.0	124.4	137.0	20.5	154.2	50.6	89.6	121.9	58.5	
2018	8	63.4	64.6	20.0	145.1	55.5	28.9	59.4	81.3	117.8	97.9	43.3	47.1	71.6	74.4	20.0	55.7	26.7	100.2	83.9	27.5	48.7	79.0	67.8	37.8	35.7	79.0	145.1	61.3	
2018	9	61.0	63.5	22.5	111.8	50.4	108.5	76.3	58.3	53.9	54.4	42.9	69.0	89.2	60.9	24.6	61.0	22.5	65.8	66.8	70.5	50.9	43.0	92.1	111.8	56.7	77.8	85.8	31.7	
2018	10	34.2	30.9	2.4	53.5	35.6	2.4	41.2	14.5	14.6	25.0	17.7	53.5	40.6	28.5	28.1	33.6	43.0	34.7	42.0	25.3	39.6	16.9	16.8	41.5	25.7	37.5	45.6	37.0	
2018	11	33.9	34.8	12.2	50.1	12.2	41.9	39.7	34.8	23.3	49.5	46.0	44.1	33.0	26.2	30.7	35.5	29.5	22.2	35.7	46.6	50.1	42.4	32.2	42.9	27.3	29.2	29.3	31.9	
2018	12	26.4	26.6	11.0	40.5	39.0	15.0	20.4	13.7	36.3	39.5	27.7	40.5	17.8	31.5	25.4	22.9	28.2	19.2	28.6	34.8	22.7	26.4	36.8	22.8	24.1	26.4	11.0	26.6	
2019	1	20.2	25.2	8.1	48.9	17.7	36.9	43.9	9.2	18.2	12.6	32.0	20.6	48.9	3.8	8.8	38.7	8.1	39.3	16.8	38.2	17.1	24.0	19.2	19.8	36.4	22.9	15.0	16.8	43.2
2019	2	17.9	20.0	6.9	34.9	9.1	23.6	34.9	31.5	16.1	18.7	12.2	24.2	10.8	14.8	32.1	16.0	23.6	15.9	21.6	6.9	32.5	24.4	17.2	28.4	28.6	13.8	10.1	14.1	
2019	3	21.2	20.4	5.2	42.5	26.8	22.4	23.9	26.2	31.0	20.3	25.3	29.4	16.5	12.5	6.5	17.2	12.7	5.2	42.5	24.9	23.0	32.8	6.3	18.5	22.2	13.3	20.3	9.2	
2019	4	17.4	21.2	3.0	73.3	17.7	6.9	21.1	23.6	10.8	16.7	37.0	10.3	28.7	22.7	16.6	25.9	17.0	25.2	3.0	31.5	25.1	15.9	9.4	6.6	37.6	15.5	73.3	9.8	
2019	5	38.4	39.9	18.4	76.8	62.7	18.4	30.5	23.5	54.1	19.4	45.5	76.8	24.8	33.2	24.1	46.0	41.3	27.6	50.5	21.3	41.6	25.5	51.4	37.9	62.5	38.9	28.3	70.8	
2019	6	50.0	49.6	7.0	81.7	45.4	24.8	36.9	44.8	76.5	81.1	32.1	47.3	81.7	79.2	43.3	14.1	61.5	64.5	52.6	62.7	26.0	63.8	58.8	7.0	45.2	59.9	25.5	66.4	
2019	7	60.0	70.7	27.4	128.7	70.2	28.5	103.9	34.6	76.2	69.6	91.9	40.8	62.5	128.7	45.6	54.0	57.2	61.6	102.5	27.4	104.5	60.1	77.1	53.4	84.7	114.6	46.1	47.8	
2019	8	60.7	65.7	20.2	127.6	52.8	77.6	25.8	58.8	83.3	96.3	61.4	89.2	85.4	59.5	117.6	20.2	54.5	76.0	95.0	45.1	69.9	59.2	60.0	27.1	36.0	31.4	127.6	67.3	
2019	9	46.4	51.5	15.1	118.6	72.5	47.3	86.2	38.5	19.5	21.8	118.6	43.2	100.9	56.7	15.1	37.9	45.6	64.9	47.8	51.7	28.8	43.5	57.6	35.9	44.3	50.0	62.5	45.3	
2019	10	31.6	34.1	14.9	73.5	31.2	22.4	37.3	25.3	31.8	46.0	29.3	20.8	42.7	27.1	29.2	41.8	35.9	29.0	73.5	23.2	35.5	49.1	34.4	31.4	14.9	25.7	46.6	33.6	
2019	11	31.2	29.9	8.2	52.6	39.8	37.1	35.7	33.3	45.6	42.0	8.2	48.2	34.0	19.7	29.1	22.8	36.1	26.0	26.0	33.4	18.7	17.5	10.0	17.0	52.6	19.0	42.9	22.5	
2019	12	26.6	27.0	8.5	47.8	28.0	26.3	19.9	29.4	47.8	27.6	36.8	29.7	32.2	42.5	29.4	22.2	37.5	26.5	14.2	17.0	24.4	25.9	33.4	16.0	26.8	8.5	26.2	22.0	
2020	1	26.8	26.7	10.3	43.4	33.5	22.3	10.3	27.7	22.5	32.2	32.6	35.9	29.6	40.1	23.5	20.5	32.5	43.4	13.3	24.0	36.5	15.5	12.6	11.2	16.5	25.9	35.1	43.3	
2020	2	18.5	20.8	4.3	52.8	23.7	39.9	44.3	18.5	15.1	25.2	15.1	25.7	17.6	26.3	20.1	17.6	52.8	17.5	18.9	9.0	25.7	18.5	8.7	10.0	4.3	14.6	23.1	7.4	
2020	3	20.4	20.6	3.9	32.2	16.1	18.3	26.1	15.5	23.3	17.1	26.7	32.2	11.7	16.5	17.3	25.9	14.0	27.9	19.8	3.9	13.7	26.8	31.7	26.2	27.5	24.7	9.7	21.1	
2020	4	17.6	20.2	5.2	53.4	31.1	7.2	16.3	12.2	10.6	13.7	14.9	10.2	21.4	28.6	14.2	20.3	13.7	53.4	26.6	5.2	26.4	36.4	35.4	13.6	20.2	20.5	14.8	18.9	
2020	5	41.9	44.8	11.1	91.5	11.1	54.9	45.0	12.6	45.5	32.7	40.8	27.4	55.7	87.3	66.2	22.5	91.5	25.4	32.3	43.0	28.1	26.2	91.5	14.7	67.3	19.3	57.7	76.2	
2020	6	44.7	49.3	4.5	110.4	54.5	79.8	37.2	41.8	52.5	33.7	16.9	92.1	94.8	45.5	69.0	19.9	110.4	33.9	58.7	68.8	30.9	21.9	12.0	41.5	44.7	47.3	44.3	42.7	
2020	7	73.9	73.8	20.7	133.5	74.5	79.6	52.9	118.1	54.2	67.4	36.3	52.9	81.0	76.8	20.7	65.5	24.7	133.4	74.3	68.4	68.4	78.1	94.4	46.3	74.7	69.5	132.5	47.8	
2020	8	52.6	63.6	20.3	135.4	25.0	30.0	54.6	118.8	49.9	60.9	135.4	43.2	43.1	62.7	36.0	38.1	23.7	50.7	118.1	48.3	55.5	102.1	119.6	30.3	56.1	50.7	102.9	95.5	
2020	9	61.0	59.5	16.1	114.8	36.8	59.3	69.9	65.8	39.9	39.8	16.1	64.3	72.3	37.5	54.8	49.3	57.4	31.4	46.9	73.1	64.2	69.2	79.5	62.6	84.6	72.3	114.8	47.8	
2020	10	36.1	35.9	10.9	72.2	42.4	26.8	30.4	45.5	29.0	51.8	36.5	23.0	36.1	39.2	72.2	47.8	36.1	47.5	26.7	26.7	40.4	22.5	38.7	32.6	10.9	24.2	18.9	55.3	
2020	11	32.8	33.8	15.6	68.0	41.9	40.0	20.2	32.8	42.7	51.4	32.2	16.0	30.1	29.6	23.8	35.0	31.7	33.0	42.3	27.0	21.4	24.5	35.0	49.8	32.7	34.0	15.6	68.0	
2020	12	25.4	28.0	11.8	57.9	19.4	22.4	26.8	37.2	32.0	24.1	32.3	19.0	34.1	55.7	13.8	14.5	17.7	23.8	13.7	28.3	27.4	11.8	39.4	22.7	38.8	21.2	38.0	57.9	
2021	1	22.9	23.8	12.8	46.0	22.7	25.7	19.3	12.9	21.5	25.4	32.8	25.0	32.7	27.9	17.6	26.6	14.2	19.5	16.9	32.8	23.1	21.3	34.8	27.0	17.6	12.8	46.0	15.6	
2021	2	16.1	18.6	7.3	37.5	37.5	12.6	8.7	20.5	10.8	18.1	25.0	18.2	7.3	14.2	34.5	8.6	31.0	16.2	14.7	7.6	29.9	16.1	13.9	8.2	32.1	24.5	26.8	9.2	
2021	3	20.0	22.0	5.9	49.1	18.1	11.6	7.7	5.9	49.1	23.4	13.2	16.3	8.1	15.5	23.7	38.6	39.1	19.9	27.6	23.6	18.1	31.1	37.7	28.1	11.0	7.7	20.1		
2021	4	19.6	22.2	3.5	51.9	5.9	9.5	37.4	31.9	37.1	19.0	37.1	12.7	31.8	25.4	3.5	51.9	3.5	20.8	46.2	19.5	22.5	19.8	16.6	4.9	12.6	12.3	18.0	34.2	
2021	5	31.7	31.4	9.0	60.6	48.2	30.7	37.5	32.6	29.6	13.0	38.4	22.7	34.2	47.6	34.3	38.6	40.4	18.1	9.0	21.0	20.9	46.7	11.9	53.3	25.4	13.1	25.7	60.6	
2021	6	56.3	56.1	6.3	118.0	51.5	90.4	67.4	42.0	55.3	27.9	46.9	67.1	20.3	57.6	78.1	59.5	32.2	6.3	75.7	12.9	42.9	53.3	118.0	49.5	60.5	99.9	52.5	68.1	
2021	7	77.0	80.6	20.6	146.6	80.1	76.8	43.6	120.0	55.0	63.3	74.8	20.6	97.3	40.2	114.5	131.0	73.2	79.2	72.1	16.5	146.6	79.2	72.4	64.5	99.1	64.0	94.7	77.4	
2021	8	62.9	64.6	27.8	123.9	75.6	123.9	73.7	27.8	80.9	69.2	88.2	86.4	83.0	69.4	73.5	84.3	43.4	41.9	44.8	62.4	42.3	54.6	56.7	29.1	36.5	47.1	130.9	47.8	
2021	9	52.8	54.9	10.0	113.5	55.6	41.9	25.5	77.7	10.0	106.6	54.0	59.0																	

2025	7	63.8	75.8	27.6	186.8	41.6	27.6	111.8	115.3	93.8	77.4	94.0	39.9	186.8	142.9	41.5	76.7	113.0	60.6	50.7	74.5	66.2	61.3	54.3	49.9	50.2	44.0	105.7	40.5	
2025	8	71.4	68.4	32.5	113.6	82.5	96.8	37.7	38.6	107.6	88.6	84.5	56.6	37.8	34.3	44.6	59.2	113.6	59.3	72.0	80.0	47.7	77.2	32.5	70.8	79.9	95.5	69.4	75.9	
2025	9	58.7	66.3	23.9	140.3	95.6	44.2	74.1	55.1	72.1	42.3	62.3	36.7	79.0	45.0	120.3	51.0	23.9	43.8	38.3	40.9	102.5	27.1	66.0	140.3	128.8	83.8	71.8	46.7	
2025	10	37.5	36.1	5.4	73.4	31.1	73.4	71.8	5.4	52.8	46.6	24.3	53.6	39.0	23.2	37.0	48.5	7.9	42.8	39.6	39.8	27.7	38.0	49.1	35.1	26.3	19.2	18.2	16.6	
2025	11	29.7	31.8	9.7	67.2	38.5	25.1	23.2	34.0	23.7	42.7	39.9	67.2	9.7	25.9	29.1	32.2	43.5	28.4	30.0	41.0	32.2	29.4	24.2	31.4	44.7	17.6	25.2	24.6	
2025	12	25.4	27.3	12.1	49.6	25.8	26.8	14.3	43.7	44.9	21.6	15.0	29.8	19.7	34.0	25.8	14.1	49.6	14.4	34.7	21.4	23.3	12.1	25.0	24.8	38.6	34.0	14.9	47.4	
2026	1	17.6	21.7	4.6	54.4	13.3	24.8	16.6	23.9	17.7	17.4	16.6	17.5	54.4	33.9	16.2	47.6	13.5	29.9	36.6	30.1	46.6	33.8	18.3	29.8	13.5	15.2	6.7	17.3	
2026	2	13.6	17.3	5.5	39.6	17.5	20.8	28.5	89.6	26.0	14.3	30.4	22.0	5.5	20.1	9.9	13.0	10.1	10.9	12.0	13.8	10.6	32.9	25.7	12.7	8.9	7.5	13.3	9.1	
2026	3	17.0	20.3	3.8	67.5	18.0	9.1	20.8	67.5	38.4	9.3	18.9	27.5	7.9	8.4	3.8	37.0	15.9	23.6	47.9	20.9	14.7	12.0	20.2	19.5	13.9	7.9	9.0	16.0	
2026	4	19.2	19.8	8.3	42.1	17.7	21.3	15.9	17.6	30.0	28.5	10.7	18.2	25.2	13.0	22.3	8.3	21.6	16.6	18.8	22.5	14.5	20.7	16.7	21.2	21.0	10.8	42.1	19.6	
2026	5	37.1	36.1	8.4	67.5	35.1	25.6	26.6	26.7	36.8	58.4	15.4	20.4	8.4	29.7	51.8	31.6	57.9	37.6	37.5	47.4	40.6	45.4	41.1	24.7	20.7	38.0	40.8	67.5	
2026	6	47.9	47.0	9.7	91.3	33.0	73.0	91.3	60.0	59.0	48.9	52.5	52.9	44.5	44.4	27.4	16.4	32.5	17.9	57.9	77.5	46.9	9.7	71.3	57.4	17.2	44.6	42.2	49.0	
2026	7	71.0	71.6	18.1	183.8	23.2	71.6	65.3	42.2	22.4	47.7	70.3	93.2	95.2	79.2	183.8	19.1	63.5	18.1	67.3	77.9	138.7	47.6	92.9	84.3	43.5	97.2	86.8	87.9	
2026	8	62.0	65.9	16.6	130.8	79.1	42.7	86.3	130.8	79.1	22.4	53.1	94.9	56.6	79.1	81.9	27.8	62.7	38.5	59.0	66.4	16.6	55.6	77.4	91.2	60.0	95.9	104.2	37.1	
2026	9	56.1	59.9	22.2	141.5	51.9	141.5	65.4	48.8	68.4	89.0	71.3	83.3	43.5	49.3	64.2	52.4	54.8	54.1	59.9	68.2	22.9	98.5	57.4	22.2	32.6	49.6	28.7	59.8	
2026	10	36.6	38.1	15.1	77.6	77.6	52.1	28.8	42.7	47.2	45.3	20.2	33.8	37.6	15.1	40.0	33.9	34.4	23.6	51.6	26.4	43.6	49.7	28.8	36.1	37.0	22.1	55.8	28.7	
2026	11	33.3	33.4	9.7	59.1	27.4	53.7	24.9	38.2	9.7	34.2	52.7	40.0	16.3	24.0	29.9	40.2	11.8	38.4	18.1	32.3	31.2	34.8	59.1	52.2	29.1	16.3	42.3	45.2	
2026	12	30.6	31.0	6.7	55.5	47.7	10.2	21.4	52.2	40.8	14.0	30.8	6.7	38.8	30.5	37.2	34.3	16.9	28.2	25.6	31.4	14.5	35.5	20.3	18.7	32.6	49.9	29.9	55.5	
2027	1	22.6	23.2	11.9	41.4	27.4	22.2	41.4	23.7	26.5	16.1	34.4	21.5	31.4	15.0	27.8	22.9	24.0	22.0	29.2	11.9	12.4	35.6	13.8	14.8	16.8	33.7	16.2	16.5	
2027	2	19.2	19.8	9.0	37.9	23.4	14.9	37.9	23.1	14.6	16.1	30.9	21.4	10.8	28.4	24.9	21.8	20.8	32.5	12.1	11.3	19.9	15.8	9.8	11.9	15.4	18.5	32.7	9.0	
2027	3	19.4	20.1	8.0	43.0	22.4	19.7	28.5	17.7	12.4	20.2	27.1	26.4	19.7	34.5	14.2	8.0	8.7	17.3	19.7	20.7	8.0	17.7	16.6	28.0	43.0	19.1			
2027	4	14.0	15.5	3.7	41.0	8.7	15.9	26.1	6.9	24.7	13.9	16.1	31.5	4.0	3.7	41.0	5.9	11.0	7.5	3.8	30.4	19.6	18.5	12.5	17.9	29.7	4.7	14.0	4.0	
2027	5	31.6	33.4	1.0	86.6	21.0	21.7	20.8	17.2	8.8	52.2	33.6	47.5	33.2	28.4	54.3	45.4	26.5	35.2	60.6	8.6	86.6	19.3	22.6	60.0	44.8	33.0	48.2	1.0	
2027	6	48.6	54.6	6.4	155.9	76.6	107.1	86.8	21.7	48.4	31.6	50.4	47.0	6.2	17.2	84.5	31.9	39.7	48.9	20.5	18.8	60.5	39.6	58.1	87.5	25.7	51.3	94.6	155.9	
2027	7	78.6	78.3	19.6	120.4	100.8	80.7	106.9	120.2	79.4	71.5	74.3	56.7	92.2	51.7	59.9	112.0	64.8	98.8	39.6	60.1	39.5	89.2	91.8	120.4	111.1	60.8	77.7	19.6	
2027	8	52.8	60.3	24.0	118.2	51.2	83.1	80.8	47.1	76.7	86.0	56.3	24.0	46.3	118.2	65.3	66.6	34.9	24.0	45.1	44.1	109.0	54.4	29.5	25.3	49.6	98.7	49.7	81.3	
2027	9	62.4	65.9	24.1	171.5	24.1	76.5	42.7	33.2	41.9	101.0	171.5	69.6	83.9	91.5	67.7	50.6	72.2	63.5	76.1	33.0	55.4	47.1	61.3	49.0	97.6	45.9	59.5	67.4	
2027	10	29.6	32.6	12.6	73.9	12.6	24.8	44.4	18.2	25.4	26.4	22.9	40.6	30.2	23.3	28.9	23.5	42.8	34.2	38.8	73.9	29.1	43.1	25.1	35.8	49.2	33.5	30.1	27.3	
2027	11	28.4	32.1	14.0	58.0	33.3	33.0	52.6	26.3	22.2	44.9	51.0	24.3	15.9	45.6	25.8	28.6	58.0	20.5	14.0	21.4	30.4	23.2	27.7	29.0	18.9	42.3	17.8	54.9	37.0
2027	12	27.2	27.1	16.2	44.7	35.2	16.4	28.6	18.4	44.7	33.1	27.3	23.1	31.6	36.5	18.1	28.2	16.2	31.8	22.7	25.1	18.8	18.7	30.5	27.1	27.9	20.8	25.1	43.3	
2028	1	24.0	25.1	11.6	49.2	25.5	30.2	42.2	20.5	27.2	30.9	17.7	20.1	23.9	35.4	49.2	11.6	13.9	40.3	31.4	25.4	31.6	18.7	13.6	23.3	15.5	20.2	13.9	24.6	
2028	2	23.6	21.7	6.3	31.4	38.1	22.1	31.8	14.6	36.2	33.0	24.1	33.4	29.0	9.1	9.3	18.0	36.5	30.3	16.2	11.3	37.2	24.0	25.2	30.6	15.2	35.2	15.2	6.3	
2028	3	14.6	17.4	3.9	11.3	21.7	20.1	14.8	10.5	13.3	40.8	9.6	8.4	41.3	9.3	6.7	12.9	7.3	4.3	11.0	14.8	16.4	17.3	30.9	14.4	29.5	3.9	32.4	6.7	
2028	4	17.8	20.5	4.2	55.4	37.6	4.2	14.6	20.0	15.6	24.0	33.0	33.3	14.1	23.4	15.1	30.0	8.1	55.4	9.0	12.6	15.6	23.8	7.8	14.3	20.6	5.6	31.9	11.0	
2028	5	37.4	40.3	15.1	73.8	38.4	36.4	18.3	30.8	72.9	73.8	41.7	44.9	72.1	48.3	31.1	66.1	35.9	15.1	30.9	15.4	42.2	18.1	26.8	19.4	64.8	54.7	19.0	50.1	
2028	6	54.6	56.6	3.8	115.7	61.9	57.1	36.2	32.0	60.3	69.7	90.5	65.9	90.1	45.6	114.9	115.7	55.2	40.3	3.8	54.0	48.0	73.5	23.1	24.7	38.0	72.6	47.6	38.8	
2028	7	68.3	74.3	15.9	186.4	60.7	21.4	186.4	33.3	109.4	115.9	91.2	126.1	72.0	99.0	84.4	43.0	54.5	82.2	64.2	15.9	92.2	59.0	51.8	91.5	49.9	63.4	39.5	76.9	
2028	8	56.0	63.3	21.2	133.1	99.6	22.0	47.7	44.4	109.7	89.2	60.3	101.3	42.7	133.1	79.8	21.2	24.4	80.2	61.3	100.6	81.2	53.2	58.5	23.1	48.5	33.6	50.3	53.5	
2028	9	56.6	59.1	16.8	126.3	49.7	18.8	56.8	69.1	86.8	93.2	55.1	89.6	75.2	29.1	37.7	29.1	23.1	68.0	39.2	97.6	48.3	75.3	26.0	88.7	126.3	62.2	56.4	16.8	
2028	10	28.1	31.1	7.4	68.4	27.1	61.6	31.2	20.2	50.9	37.8	7.4	17.5	16.4	29.1	14.9	39.0	31.6	25.5	68.2	46.2	19.7	26.5	28.0	43.5	25.6	14.2	28.2	28.2	
2028	11	33.1	32.8	7.1	57.6	29.8	33.5	31.7	51.8	28.3	46.7	38.5	32.5	40.6	39.4	20.4	33.7	35.7	7.1	25.3	57.6	22.7	12.3	33.9	37.0	47.3	31.4	32.7	17.1	
2028	12	24.1	24.0	2.6	36.6	19.5	16.9	20.4	35.4	30.0	23.5	23.9	26.0	28.2	14.2	25.3	11.3	24.0	16.9	18.7	30.2	34.2	28.9	24.9	31.4	34.7	19.8	2.6	36.6	
2029	1	24.2	26.6	14.5	63.9	20.1	24.5	36.7	32.7	18.5	16.9	16.9	14.5	36.9	80.3	18.7	17.9	24.7	22.9	50.6	63.9	19.2	25.0	23.8	20.8	32.4	16.9	24.6	19.1	
2029	2	20.1	19.2	6.0	29.9	24.9	16.8	25.2	12.0	22.6	6.0	20.8	15.4	13.1	8.3	24.6	21.9	29.9	26.6	28.4	19.3	18.7	25.2	18.6	23.4	12.2	11.0	12.5	23.6	
2029	3	17.8	20.7	3.0	47.2	18.8	15.3	3.0	42.5	29.0	35.2	23.5	11.8	13.8	29.6	11.3	33.9	23.3	23.7	6.5	40.1	27.8	13.9	16.9	13.3	6.3	6.0	30.4	17.8	
2029	4	19.0	21.1	8.3	46.1	17.6	15.0	25.0	15.1	12.1	12.8	20.5	21.8	31.6																

2033	2	16.5	17.7	4.6	30.4	11.4	13.0	22.1	21.6	28.0	4.6	18.8	16.6	23.6	30.4	16.2	10.2	12.9	24.0	16.4	19.2	29.1	12.5	14.8	14.3	13.4	11.6	22.3	18.5	
2033	3	18.9	18.1	6.6	40.6	19.8	24.6	15.1	25.9	24.7	8.1	8.1	19.6	16.4	8.9	19.8	6.6	19.4	21.7	19.6	9.5	16.6	22.9	15.0	18.5	16.1	40.6	16.4	21.3	
2033	4	22.0	21.6	4.4	44.6	33.0	27.5	29.2	24.5	8.3	16.7	13.9	16.6	32.7	26.6	5.2	9.0	4.4	25.3	27.5	6.0	19.0	27.7	13.5	44.6	5.7	19.5	43.5	34.4	
2033	5	36.8	37.8	0.9	83.8	64.3	57.2	51.3	40.5	0.9	15.1	39.6	83.8	56.3	48.7	26.3	28.9	24.6	28.8	70.2	24.5	36.3	42.4	67.5	38.4	37.4	17.6	33.8	13.1	
2033	6	53.9	54.4	0.0	103.7	61.9	50.6	79.4	35.4	29.5	82.1	40.7	62.6	99.9	56.9	63.0	49.8	39.5	96.6	103.7	0.0	29.3	82.6	59.6	50.8	59.4	25.5	12.1	35.2	
2033	7	65.1	69.5	7.9	161.8	73.9	103.4	83.5	161.8	36.6	88.3	67.7	67.6	111.5	73.4	134.0	46.9	44.9	92.2	84.5	7.9	57.1	43.7	62.6	30.2	60.2	47.4	38.3	49.5	
2033	8	69.0	67.9	28.1	142.8	42.8	91.9	47.5	62.2	48.7	97.8	148.1	33.2	63.5	59.7	115.1	64.4	28.5	84.0	65.7	48.2	78.4	51.7	39.1	85.6	53.4	65.2	83.2	82.2	
2033	9	58.3	59.7	11.6	134.6	11.6	46.7	18.1	116.1	134.6	63.2	59.4	138.8	69.0	77.0	111.9	70.8	49.5	52.3	44.4	60.2	74.5	61.8	57.2	96.0	74.8	23.4	33.9	83.4	
2033	10	27.9	29.8	14.0	58.5	18.7	33.5	21.4	37.9	46.0	20.6	14.4	18.7	32.9	27.4	28.3	30.7	47.7	58.5	32.1	25.4	47.6	14.0	16.2	19.9	19.0	30.8	24.6	48.4	
2033	11	29.0	30.1	13.2	59.5	14.9	59.5	38.4	25.7	37.2	38.6	13.2	28.5	25.7	28.5	33.4	49.5	34.5	40.0	25.7	21.2	21.5	16.1	30.7	15.7	29.5	28.6	29.5	37.0	
2033	12	26.4	25.7	8.4	43.6	33.4	31.1	30.8	23.0	33.5	35.5	16.9	30.3	14.3	38.7	21.1	21.3	43.6	29.6	16.9	38.5	27.0	9.5	8.4	25.9	10.2	21.8	23.6	31.7	
2034	1	24.5	24.6	10.4	42.5	25.7	23.9	38.0	42.1	27.3	18.2	11.4	20.1	22.8	29.9	18.3	26.6	17.8	21.4	42.5	36.6	32.1	12.6	13.8	15.4	29.7	25.0	10.4	29.5	
2034	2	21.8	23.2	7.7	50.6	14.4	19.8	21.9	23.8	26.6	7.7	50.6	14.7	43.8	10.2	33.3	27.9	21.7	15.8	28.1	24.6	17.6	49.2	15.0	8.3	17.6	23.9	28.3	11.7	
2034	3	22.3	21.3	6.6	35.2	15.0	25.5	23.1	19.6	30.7	10.7	23.1	30.9	27.1	6.6	21.5	20.5	27.6	25.7	32.2	13.1	14.2	9.3	35.2	12.4	33.5	10.3	27.4	17.0	
2034	4	21.8	21.8	1.5	50.2	26.6	6.1	15.1	25.9	35.8	16.6	27.9	22.1	50.2	26.3	1.5	4.8	29.4	31.8	15.2	38.8	9.6	18.5	24.3	19.5	21.6	22.9	11.9	21.4	
2034	5	42.5	43.4	22.4	78.8	44.2	43.4	59.8	25.7	43.6	59.3	43.6	58.8	72.0	33.1	30.0	36.6	53.9	27.7	27.6	45.7	25.2	42.7	31.4	31.2	78.8	22.4	76.0	28.4	
2034	6	62.1	67.4	24.5	134.5	79.6	46.1	134.5	104.6	41.5	98.6	56.9	89.7	83.2	40.7	58.8	59.2	65.1	79.1	80.3	83.3	78.1	50.9	24.5	47.0	59.1	96.6	30.4	30.5	
2034	7	83.3	83.4	32.2	160.2	89.1	47.5	69.5	99.4	86.4	74.8	89.2	82.2	89.2	60.5	90.3	55.1	121.3	57.7	106.8	61.7	64.1	80.2	96.2	110.1	160.2	74.6	108.7	76.5	
2034	8	57.5	63.6	11.4	154.3	57.8	154.3	97.7	56.0	56.0	82.4	28.0	24.6	57.1	91.1	45.4	46.7	87.3	37.5	11.4	64.6	85.5	60.8	76.3	28.9	55.3	66.9	129.9	24.5	
2034	9	72.8	68.7	8.8	123.7	8.8	79.7	21.5	122.5	76.3	87.3	64.8	48.2	74.2	71.5	123.7	58.5	47.9	32.9	87.2	53.8	80.7	65.7	109.0	37.1	88.9	30.0	74.5	82.2	
2034	10	33.3	34.1	11.4	54.9	18.1	53.7	32.8	11.5	23.2	15.4	40.0	24.0	54.5	54.4	44.3	54.9	35.2	30.2	11.4	51.3	53.6	43.6	42.5	33.7	24.7	28.7	28.0	11.9	
2034	11	26.0	29.2	12.3	59.6	23.9	28.2	23.0	23.5	19.8	22.7	25.6	27.0	13.7	47.2	17.6	41.1	38.1	16.7	12.3	41.4	39.2	18.3	59.6	26.5	31.0	44.4	25.5	33.0	
2034	12	30.6	27.2	4.5	42.0	13.2	30.0	4.5	35.0	18.1	40.0	36.2	26.3	37.2	7.5	42.0	20.7	26.6	36.7	17.1	22.1	20.5	33.7	38.8	11.5	34.5	32.5	38.0	31.2	
2035	1	20.7	24.7	6.1	53.0	13.1	23.5	43.4	39.3	17.0	13.8	20.7	16.6	20.8	19.0	20.4	36.6	18.7	25.2	11.5	25.4	29.9	37.4	53.0	37.7	30.7	17.1	16.2	6.1	
2035	2	17.2	21.4	12.0	42.1	34.1	17.0	13.0	10.0	17.7	14.6	14.3	20.2	42.1	12.4	40.4	41.0	30.3	22.1	12.0	20.5	13.5	17.3	16.7	27.9	14.4	16.5	13.3	17.2	26.2
2035	3	18.5	19.2	2.4	38.6	21.2	22.1	18.3	18.6	38.6	12.7	18.5	15.6	6.3	18.0	2.4	22.5	15.4	17.0	12.2	19.1	18.4	18.8	26.2	8.9	38.5	22.0	30.9	19.0	
2035	4	15.9	20.7	0.9	48.4	10.9	15.7	48.4	24.2	47.1	12.4	16.1	44.2	14.4	14.9	18.1	22.9	34.9	38.8	29.3	1.3	0.9	6.3	13.9	15.5	5.8	27.2	12.7	20.1	
2035	5	42.0	40.6	8.1	71.1	45.7	14.6	31.5	38.2	55.6	44.0	71.1	45.2	52.3	29.9	55.0	70.2	53.8	22.3	35.3	38.0	16.9	8.1	39.9	50.8	49.2	23.0	31.3	62.0	
2035	6	57.4	62.4	15.2	119.6	56.4	54.0	49.9	89.7	60.7	104.7	15.2	29.7	78.6	53.1	54.8	119.6	50.4	58.5	46.6	58.4	59.3	48.6	92.1	44.1	80.7	81.2	31.9	80.4	
2035	7	72.7	75.3	39.2	154.4	78.4	102.0	65.5	44.2	75.4	79.4	39.2	154.4	78.0	58.0	59.4	116.5	66.0	107.6	47.7	59.4	77.8	89.3	51.3	71.7	63.4	85.1	63.2	73.7	
2035	8	70.5	72.7	35.7	127.6	68.4	101.6	52.9	79.2	37.8	127.6	39.5	35.7	74.7	58.5	65.0	82.2	63.4	49.5	42.1	59.4	72.7	93.4	79.3	42.6	78.4	127.6	72.7	114.8	
2035	9	59.8	58.9	6.5	119.4	83.7	97.3	22.1	119.4	44.8	102.4	44.8	25.2	58.0	64.7	40.7	42.6	58.9	40.6	45.7	33.4	78.7	46.8	6.5	77.2	133.4	82.5	44.8	57.0	
2035	10	27.4	31.4	13.7	18.1	68.1	46.7	18.1	11.7	47.2	27.9	14.2	25.3	13.7	25.3	42.2	33.7	26.9	18.1	44.1	20.3	42.2	33.7	42.7	20.6	34.4	22.9	34.2	29.3	
2035	11	29.2	32.8	17.0	56.8	28.9	29.5	31.5	25.0	43.0	55.3	56.8	30.1	17.0	40.4	20.3	28.6	23.0	18.8	25.4	34.5	51.0	36.5	26.1	47.8	27.3	26.2	39.5	23.6	
2035	12	32.7	32.4	9.3	60.6	37.3	9.3	54.1	47.7	26.6	34.4	14.4	47.9	10.5	52.2	32.7	23.0	41.9	10.8	24.9	39.3	25.6	60.6	39.9	25.5	33.2	32.6	30.5	22.0	
2036	1	23.9	23.3	7.0	41.7	23.5	14.7	41.7	28.1	24.3	7.0	26.4	37.5	39.6	14.2	34.8	28.8	7.8	22.1	29.7	38.7	16.2	7.9	26.3	16.0	26.7	13.4	16.5	17.9	
2036	2	18.6	20.0	3.5	43.1	17.8	3.5	10.4	28.2	10.2	11.0	18.7	18.4	32.7	25.1	13.9	25.5	25.2	18.5	43.1	7.6	35.0	26.8	10.5	13.6	14.9	23.2	26.6	18.6	
2036	3	19.3	20.8	4.6	40.7	21.8	29.0	33.9	18.4	19.7	6.8	31.4	31.8	4.8	37.8	16.2	24.0	13.0	10.9	19.0	12.6	11.9	30.0	7.4	40.7	40.5	4.7	27.4	4.6	
2036	4	18.1	21.3	4.4	46.5	40.3	17.8	13.0	17.6	19.9	37.9	46.5	17.2	11.3	12.0	34.5	6.2	27.7	6.6	18.4	29.6	34.9	16.1	6.3	9.7	4.4	18.7	26.0	38.1	
2036	5	30.8	34.8	12.8	75.3	48.2	40.3	17.6	38.3	19.2	33.1	37.7	32.4	48.7	20.7	29.2	64.1	75.3	28.2	14.5	23.4	29.1	19.6	63.2	25.5	47.8	12.8	28.4	38.1	
2036	6	51.0	57.1	13.1	127.7	44.4	66.1	13.1	80.7	34.1	56.5	110.9	65.9	44.4	50.5	44.7	26.9	37.9	51.4	41.6	53.4	32.4	106.7	29.5	82.9	127.7	31.5	67.1	70.7	
2036	7	58.8	62.2	0.6	127.8	58.0	76.6	84.6	87.9	76.0	62.4	64.2	86.0	68.1	77.8	58.6	17.9	41.3	56.3	51.6	58.9	30.3	57.3	48.2	102.1	127.8	0.6	53.8	45.4	
2036	8	64.2	73.9	21.9	189.9	85.0	77.5	90.0	114.5	99.0	189.9	59.7	73.0	40.2	107.6	34.7	22.5	47.9	120.8	42.3	155.5	30.7	128.9	68.6	55.3	35.0	43.4	29.7	21.0	
2036	9	61.0	59.6	26.7	114.9	63.7	43.8	41.6	72.4	26.7	48.3	75.5	42.3	82.4	73.1	66.4	38.5	49.3	79.3	31.3	61.9	114.9	75.5	39.1	55.9	27.9	86.4	66.8	60.9	
2036	10	38.8	38.9	15.7	68.4	23.3	37.3	24.6	68.2	43.6	27.1	38.2	25.9	31.2	52.1	43.0	46.2	37.5	15.7	42.4	39.5	66.7	16.6	45.7	50.6	48.2	36.2	53.0	37.0	
2036	11	32.8	32.3	9.2	51.8	29.3	42.8	22.2	42.4	31.3	3																			

2040	9	56.9	61.9	22.0	106.6	40.0	95.9	89.0	50.5	34.3	62.4	48.8	58.9	97.8	72.0	68.4	39.4	22.0	106.6	52.8	98.2	83.5	65.5	70.9	43.1	34.6	43.4	53.7	55.0	
2040	10	33.3	34.3	10.8	73.6	17.8	73.6	34.2	61.4	18.2	20.5	32.8	42.1	20.8	41.1	22.4	37.0	29.7	23.1	55.1	57.5	39.1	34.1	38.0	10.8	33.9	19.8	32.2	28.5	
2040	11	34.4	34.1	9.9	70.4	30.4	28.5	48.6	32.6	70.4	12.9	45.2	50.6	45.4	54.3	33.0	22.3	35.7	11.6	18.1	44.3	9.9	39.1	36.0	40.4	23.6	13.7	44.1	26.7	
2040	12	26.3	26.1	10.6	38.5	32.2	22.1	23.7	15.6	33.1	28.0	31.4	26.8	21.1	35.2	35.1	24.7	28.4	38.5	10.6	30.2	31.8	25.8	23.5	24.7	19.5	23.8	30.3	10.6	
2041	1	22.7	23.4	8.5	43.6	23.4	13.5	32.4	17.9	31.9	19.1	31.5	20.0	23.2	85.5	22.2	27.8	26.9	12.3	29.3	25.4	16.1	17.9	20.6	29.3	21.5	27.9	43.6	18.5	
2041	2	21.5	22.5	5.9	52.1	40.2	10.2	22.9	6.9	22.2	14.9	25.6	35.0	11.3	32.6	24.3	35.0	16.7	52.1	37.2	26.2	20.2	20.7	5.9	17.5	12.2	13.9	26.8	9.7	
2041	3	21.8	21.9	4.7	67.2	23.7	41.8	38.9	21.3	22.5	55.7	38.5	21.8	14.1	33.1	9.0	42.7	13.4	41.7	19.4	35.1	13.5	26.0	31.6	13.9	67.3	83.2	21.9	20.3	
2041	4	18.8	20.7	2.1	62.7	26.0	8.5	25.9	17.9	12.5	6.0	18.3	44.8	14.5	24.9	5.9	2.1	13.3	19.3	62.7	35.8	6.6	17.6	11.7	13.9	20.2	19.5	35.5	44.5	
2041	5	41.3	40.4	11.6	85.0	14.5	35.7	12.5	42.9	30.5	85.0	27.8	67.6	52.3	41.4	16.7	66.8	11.6	49.8	57.8	41.1	23.0	24.4	15.2	55.9	35.2	77.5	43.4	41.6	
2041	6	49.4	57.7	16.4	127.4	27.9	88.1	38.9	35.7	48.5	58.7	72.2	51.6	47.6	48.8	41.7	113.9	35.0	127.4	70.2	49.3	40.6	107.2	16.4	41.5	60.2	56.6	49.4	57.4	
2041	7	72.8	73.9	28.3	135.7	68.5	74.8	61.1	83.0	79.8	86.4	62.3	93.4	28.3	93.8	47.3	62.9	100.8	84.2	36.6	64.2	37.9	87.2	59.4	50.6	70.8	118.5	135.7	85.6	
2041	8	66.0	68.1	3.7	150.4	43.6	48.0	94.2	59.7	46.8	71.6	6.7	96.7	84.7	79.6	150.4	46.7	42.3	31.7	3.7	52.1	88.9	80.7	82.5	115.3	69.3	86.1	55.1	42.2	
2041	9	57.4	60.0	17.1	188.1	90.4	32.6	39.6	40.4	26.0	76.6	67.3	188.1	35.0	64.1	96.4	46.6	48.2	46.8	71.5	55.5	46.3	60.6	67.9	33.4	59.3	17.1	62.2	66.9	
2041	10	32.3	32.3	6.9	60.0	6.9	32.5	31.4	44.0	29.9	60.0	44.4	14.2	45.1	33.6	23.3	32.1	34.9	48.0	25.4	15.5	19.3	22.3	28.9	34.9	21.7	42.7	47.6	36.2	
2041	11	35.7	37.9	11.8	69.0	28.2	66.1	49.5	29.9	39.5	35.9	38.6	11.8	21.4	31.9	36.8	62.4	33.3	25.5	41.6	33.7	23.5	57.4	69.0	34.4	39.6	24.9	35.4	38.4	
2041	12	29.1	28.3	14.1	58.3	18.3	18.6	17.8	40.7	34.3	30.7	22.3	32.4	15.1	29.5	33.5	35.8	28.1	14.1	16.8	31.6	31.7	37.6	15.3	58.3	41.2	25.3	25.2	28.7	
2042	1	24.4	25.4	6.3	49.5	48.4	23.4	32.1	19.1	25.1	27.4	34.7	32.1	44.4	33.9	18.9	21.3	23.6	6.3	7.9	27.9	23.5	28.5	13.3	17.6	31.4	13.2	49.5	7.1	
2042	2	20.9	20.8	0.7	44.6	20.8	17.7	17.3	17.2	9.6	21.8	26.3	39.2	13.2	20.9	30.0	15.3	23.5	10.9	22.4	21.4	44.6	14.7	33.3	0.7	29.9	10.8	21.5	16.6	
2042	3	13.8	15.2	3.7	32.5	14.7	16.3	27.0	18.0	12.6	7.6	11.9	6.8	14.9	11.2	10.9	15.0	32.5	11.0	26.4	7.3	13.1	14.7	6.7	14.5	22.9	23.7	10.4	8.5	
2042	4	22.3	22.0	0.6	43.2	17.4	13.7	17.2	33.6	19.8	12.0	19.7	0.6	43.2	11.9	7.4	16.6	25.2	24.8	8.2	16.8	30.9	33.3	31.4	29.9	32.3	35.3	42.0	25.5	
2042	5	34.9	36.3	4.3	90.4	26.6	48.2	55.1	20.6	55.1	90.4	17.7	44.1	44.4	4.3	9.7	20.6	56.5	35.8	22.7	74.7	34.0	13.5	58.0	62.7	45.2	5.2	34.0	43.7	
2042	6	66.7	69.7	13.0	155.0	79.3	57.4	94.2	27.6	76.1	43.4	51.8	57.4	82.8	101.7	71.2	92.9	55.0	32.5	51.6	117.5	84.0	97.1	106.7	62.2	13.0	155.0	42.5	19.8	
2042	7	89.7	86.9	35.4	122.6	64.5	35.4	67.9	80.5	89.1	118.3	110.5	80.6	90.2	95.5	68.5	84.6	63.9	64.4	104.3	115.5	47.3	83.7	112.3	101.4	122.6	97.6	91.1	94.2	
2042	8	62.9	71.5	25.5	144.6	55.8	134.6	44.0	30.7	61.7	52.2	72.3	47.2	43.7	97.1	118.6	28.2	37.0	64.1	102.2	144.6	132.7	45.8	120.7	45.5	70.8	70.8	64.3	25.5	
2042	9	56.5	68.4	26.1	147.0	49.9	46.1	74.3	124.4	147.0	43.5	52.0	97.6	131.2	123.9	46.4	37.0	61.1	63.6	85.2	47.8	71.0	36.2	26.1	47.7	28.6	61.5	99.9	39.3	
2042	10	34.0	35.2	11.9	67.0	29.3	42.2	20.9	36.3	41.3	27.8	28.8	18.2	37.7	36.7	29.4	57.7	50.4	32.4	11.9	35.5	51.4	67.0	56.9	37.8	31.9	19.4	20.1	23.3	
2042	11	35.8	35.1	3.1	74.0	44.9	37.9	37.3	31.2	20.4	24.7	57.4	37.6	38.8	34.3	40.2	21.4	33.7	28.4	74.0	17.3	38.8	32.4	46.0	25.0	45.4	3.1	40.3	32.7	
2042	12	27.4	29.5	13.8	62.8	21.7	29.3	43.2	25.9	30.9	30.7	16.3	23.8	19.2	19.3	23.2	31.0	35.6	53.6	20.4	23.9	28.4	25.2	45.0	62.8	28.7	13.8	28.7	26.2	
2043	1	27.9	29.1	5.8	76.3	31.1	15.2	26.5	21.7	26.5	13.7	31.9	5.8	34.3	50.1	12.4	19.2	31.7	29.3	76.3	34.1	13.5	26.5	22.0	41.5	46.3	27.1	28.7	32.3	
2043	2	19.8	23.0	7.2	60.0	26.2	21.2	60.0	7.2	15.9	19.4	25.3	12.1	12.9	12.0	22.1	38.1	16.2	19.8	34.1	23.7	35.5	14.3	18.2	9.0	18.6	44.2	26.9	19.8	
2043	3	21.6	23.3	4.6	84.2	30.6	21.4	28.3	25.6	12.9	26.2	41.7	22.1	21.9	9.3	84.2	16.3	21.1	26.5	14.6	4.6	14.6	8.4	18.7	9.5	15.8	24.0	24.4	20.4	
2043	4	19.8	22.9	0.9	57.3	20.4	17.0	55.4	4.8	7.6	11.9	29.1	25.8	28.2	0.9	11.4	24.8	17.9	30.7	44.1	57.9	32.3	7.0	31.5	15.5	29.1	33.5	8.5	8.5	
2043	5	29.7	32.1	5.5	56.1	27.7	34.7	40.9	17.9	14.8	13.3	56.0	34.3	44.1	46.5	30.3	29.2	19.5	26.0	56.1	13.9	55.6	31.7	27.4	15.9	52.1	47.7	56.0	5.9	17.7
2043	6	56.9	53.9	16.3	101.0	83.1	101.0	69.1	64.2	27.8	30.8	44.3	57.3	54.8	28.5	56.5	60.9	58.1	55.1	16.3	70.7	67.1	23.2	53.8	83.0	30.5	67.8	57.8	31.8	
2043	7	77.0	92.4	44.8	221.2	58.8	50.5	86.9	66.8	63.6	55.4	62.7	67.3	153.7	113.6	95.0	107.5	96.7	84.4	54.0	135.0	50.7	69.5	88.2	170.4	221.2	158.6	62.6	44.8	
2043	8	61.9	67.8	30.2	136.1	36.9	110.9	84.4	46.7	81.6	37.0	44.4	47.9	40.7	95.2	58.4	75.2	40.4	76.1	59.7	82.6	30.2	57.5	105.1	79.2	64.1	136.1	81.1	56.4	
2043	9	55.4	56.9	14.6	130.0	52.8	95.6	38.6	116.1	63.6	79.5	50.5	130.0	44.7	16.5	28.1	59.0	57.9	37.7	79.9	65.3	34.5	20.5	87.1	66.7	18.6	42.9	63.7	14.6	
2043	10	39.3	38.3	9.9	67.4	10.9	65.7	13.6	9.9	35.5	56.8	36.6	47.7	56.6	43.2	33.8	67.4	47.1	39.8	47.9	25.1	30.0	36.6	45.2	24.5	41.0	17.7	46.1	38.7	37.6
2043	11	28.4	31.9	4.8	74.3	17.5	31.1	33.6	22.6	37.8	20.9	37.5	26.0	21.9	74.3	50.2	26.7	27.9	24.7	46.6	32.4	23.4	65.1	41.2	28.9	19.2	4.8	31.7	19.7	
2043	12	31.8	30.2	8.2	54.9	32.6	50.6	20.4	48.7	54.9	8.2	36.2	31.8	31.9	35.0	31.6	26.2	31.1	12.4	32.2	14.5	24.4	20.6	19.8	39.2	24.1	38.9	35.0	35.0	
2044	1	20.6	21.5	8.3	39.0	39.0	8.3	17.9	27.2	25.5	31.0	26.5	9.2	22.7	11.7	20.3	16.3	15.8	32.1	28.9	17.2	15.2	20.9	16.0	35.3	17.7	21.2	21.2	19.3	
2044	2	23.7	23.3	9.9	38.1	23.3	13.0	22.9	17.1	28.5	27.6	13.9	12.0	13.6	21.3	36.2	31.7	15.9	12.2	28.8	9.9	38.1	34.3	24.2	28.4	28.7	29.8	20.9	27.7	
2044	3	19.9	20.4	4.0	47.2	22.4	27.5	22.7	15.5	22.0	5.5	4.0	22.8	9.5	16.4	17.7	37.4	9.2	13.1	47.2	12.3	24.1	7.7	24.1	44.2	12.1	28.2	9.2	34.0	
2044	4	10.8	14.7	2.5	39.5	34.9	25.0	39.5	22.2	14.2	4.8	12.1	9.7	8.9	7.3	9.7	8.7	10.3	6.4	5.3	36.3	19.6	11.4	6.2	20.2	20.2	12.2	12.6	9.8	
2044	5	39.2	41.3	2.1	94.6	58.5	23.4	27.1	21.5	84.6	79.6	46.6	81.6	89.1	76.9	63.9	39.2	2.1	40.0	30.9	49.3	103.3	38.6	57.2	37.2	38.6	25.3	37.3	41.4	84.8
2044	6	47.4	51.1	19.1	127.6	19.1	61.5	96.3	77.8	27.9	5																			

2048	4	17.1	20.4	2.8	48.7	10.2	12.6	15.9	7.8	6.3	36.7	29.9	7.3	13.4	27.5	2.8	14.5	23.1	24.0	48.7	36.9	13.5	39.1	21.2	39.2	24.0	9.3	7.1	18.3		
2048	5	34.8	33.1	9.5	79.8	51.1	79.8	29.4	61.1	20.0	43.7	34.6	43.4	9.5	14.2	35.8	10.7	37.3	40.0	12.0	19.8	46.3	38.6	29.8	35.0	28.6	42.2	12.1	19.7		
2048	6	54.7	56.1	18.1	107.7	28.1	69.7	84.6	51.7	107.7	94.9	35.0	43.2	25.9	44.7	68.0	50.9	63.0	57.5	65.0	61.7	40.3	54.0	47.2	18.1	22.6	75.6	76.9	58.6		
2048	7	91.5	94.4	34.9	189.7	58.8	64.1	94.3	137.4	131.3	34.9	70.4	189.7	78.8	81.8	138.1	65.8	77.8	95.0	56.3	56.5	44.8	106.8	102.1	98.5	170.4	124.0	88.8	104.1		
2048	8	70.8	67.8	16.7	156.1	23.2	93.8	58.2	49.7	68.1	79.5	16.7	35.1	32.7	105.0	98.0	71.2	39.4	114.4	90.8	22.1	87.6	70.7	82.2	47.2	20.6	91.7	70.5	156.2		
2048	9	70.7	64.5	18.5	127.8	35.9	67.7	28.7	45.0	75.7	84.4	78.2	68.5	65.8	127.8	77.2	76.4	59.1	26.3	38.1	76.0	95.1	87.0	18.5	72.9	84.9	55.5	75.5	28.8		
2048	10	34.8	39.4	16.3	85.9	39.9	29.2	38.6	21.1	40.4	32.5	40.2	63.4	38.5	31.3	36.4	16.2	19.1	33.6	70.8	63.1	40.0	36.6	85.9	39.2	36.0	31.6	29.2	36.0		
2048	11	38.7	38.3	13.5	85.0	37.7	56.1	28.7	53.2	51.0	36.3	61.2	93.3	58.8	45.2	60.9	46.0	39.8	13.5	42.9	14.6	21.3	24.4	27.6	85.0	22.5	26.9	15.1	17.7		
2048	12	23.2	26.0	11.0	60.8	28.2	24.1	11.0	29.6	16.7	42.0	18.7	32.0	34.3	12.2	21.2	28.8	60.8	22.2	46.0	20.4	20.7	14.7	32.6	18.8	20.3	26.0	24.3	18.7		
2049	1	23.0	25.5	6.9	56.4	52.5	28.2	14.9	7.5	21.8	26.7	28.1	24.3	30.9	11.1	37.6	18.8	18.3	13.8	20.1	56.4	18.6	32.2	6.9	42.6	33.2	34.9	13.2	19.5		
2049	2	20.5	22.7	8.0	49.6	11.5	35.2	14.4	16.0	19.5	9.2	21.4	17.8	23.2	22.4	49.6	25.9	24.3	37.0	17.7	8.0	18.9	17.4	18.6	31.5	31.7	36.2	23.2	13.9		
2049	3	16.6	18.4	3.7	49.6	20.9	23.4	18.8	15.0	3.7	12.1	16.5	19.6	10.8	20.6	49.6	29.3	11.8	24.5	36.1	12.5	12.9	16.6	21.8	16.6	16.5	4.8	18.4	9.3		
2049	4	19.0	20.6	5.5	50.0	20.6	13.0	26.0	7.6	33.8	38.4	18.2	9.3	22.5	15.2	21.0	18.6	41.2	5.5	15.9	10.2	19.4	21.3	20.8	25.1	18.2	16.4	50.0	5.5		
2049	5	31.6	33.4	7.1	75.5	7.1	66.6	36.0	43.6	21.0	29.5	33.7	65.8	9.1	24.8	49.2	31.8	31.0	31.5	34.9	41.7	25.6	18.9	34.4	27.3	75.5	10.3	15.9	37.6		
2049	6	60.3	64.2	29.7	137.6	86.2	53.3	31.4	32.8	74.4	94.8	56.0	87.9	104.1	95.2	67.4	60.7	74.1	70.1	69.6	31.9	43.1	137.6	51.6	44.1	29.7	59.9	47.7	36.8		
2049	7	65.0	75.6	23.9	156.3	75.1	60.5	74.0	156.3	64.4	65.7	23.9	45.2	91.3	56.0	74.7	98.8	64.3	59.1	112.8	44.5	61.7	41.8	115.8	120.8	105.3	117.9	29.6	49.2		
2049	8	57.0	62.9	19.2	130.8	48.8	46.6	114.0	91.7	58.3	47.7	55.3	81.3	48.5	48.6	64.6	39.0	35.1	20.5	84.7	65.7	40.8	55.8	94.2	80.5	38.8	19.2	130.8	74.1	74.5	
2049	9	53.3	56.8	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7	129.4	41.4	17.7
2049	10	35.1	39.2	21.1	81.9	35.9	81.3	37.5	21.1	44.0	34.7	32.9	28.4	30.0	21.5	63.1	43.7	39.4	43.0	31.4	35.6	56.2	34.3	34.6	26.2	48.5	62.6	23.4	29.8		
2049	11	27.8	35.7	12.4	70.6	26.6	70.6	27.6	24.2	27.2	23.0	20.9	47.4	45.9	21.3	12.4	49.4	46.0	38.2	65.9	33.7	21.9	25.1	58.9	57.1	20.1	28.0	24.0	41.7		
2049	12	29.4	31.0	14.4	59.9	29.4	30.5	33.9	42.1	20.9	14.4	26.8	31.2	24.6	42.1	31.9	19.2	37.9	41.9	27.5	59.9	46.3	21.0	29.0	18.2	29.3	34.7	23.3	28.1		
2050	1	28.5	27.9	10.7	46.1	44.7	29.2	18.0	37.8	24.6	31.7	46.1	18.3	16.9	25.8	28.6	43.1	28.6	19.2	28.4	16.7	29.6	26.9	38.1	21.6	10.7	17.2	38.7	30.0		
2050	2	17.8	18.5	6.1	34.8	21.1	18.7	22.4	16.1	9.8	13.3	10.0	15.9	19.5	14.7	21.1	16.8	12.7	16.3	6.1	22.9	21.3	23.5	24.7	33.3	24.0	12.9	34.8	10.9		
2050	3	17.2	20.6	7.0	61.2	16.7	22.7	30.0	9.6	35.7	20.1	10.6	12.6	10.1	36.3	16.4	25.6	10.7	24.1	11.5	9.9	17.6	15.2	7.0	29.2	20.5	29.6	61.2	11.3		
2050	4	21.0	21.8	7.9	54.1	25.9	12.6	54.1	31.7	33.7	10.9	17.1	27.2	21.8	11.2	23.5	28.1	8.8	20.3	26.7	8.2	19.8	39.3	11.4	22.0	19.2	7.9	25.7	16.0		
2050	5	30.9	34.9	4.0	93.0	4.0	22.1	58.9	12.8	16.6	47.0	33.2	29.6	48.8	31.6	37.4	10.4	83.3	11.1	39.2	7.0	30.2	35.5	24.7	53.0	50.1	93.0	28.6	29.3		
2050	6	51.5	58.1	15.3	149.0	28.7	47.6	42.2	28.4	19.3	62.0	100.5	66.2	50.8	58.9	57.6	66.4	149.0	99.8	19.9	24.1	44.1	40.1	44.1	29.7	70.1	47.9	15.3	73.4	52.3	102.5
2050	7	57.7	65.9	14.2	159.1	159.1	59.7	34.9	70.3	119.9	30.2	39.4	109.1	66.0	96.2	45.2	55.7	74.7	46.0	64.0	67.4	75.2	30.7	50.8	51.2	49.8	131.6	39.3	14.2		
2050	8	60.7	63.6	28.3	124.1	54.0	124.1	60.6	54.7	50.5	28.7	76.5	100.8	76.4	70.9	28.3	38.4	96.8	68.7	35.5	60.7	75.7	51.2	48.8	74.4	44.3	78.0	57.6	71.5		
2050	9	46.7	54.8	10.4	126.6	68.2	39.2	101.2	44.6	31.5	45.5	47.3	69.0	31.4	126.6	106.1	10.4	63.9	36.0	82.1	40.1	63.0	46.9	31.1	49.8	77.3	46.6	33.5	34.5		
2050	10	36.0	37.3	8.1	73.3	50.8	45.3	43.9	73.3	45.7	36.2	17.6	38.1	21.7	44.9	43.4	37.3	33.5	25.8	34.2	33.8	8.1	35.9	56.6	48.8	34.9	28.7	34.9	28.7		
2050	11	30.9	31.4	12.5	58.3	23.2	19.3	45.3	29.7	29.4	18.0	23.9	29.4	18.0	23.9	29.4	18.0	23.9	29.4	18.0	23.9	29.4	18.0	23.9	29.4	18.0	23.9	29.4	18.0	23.9	
2050	12	27.9	28.7	8.9	58.8	27.8	19.1	19.7	58.8	38.3	35.5	19.9	17.0	27.9	8.9	37.9	16.8	31.1	15.0	28.6	32.6	33.7	28.6	21.2	52.4	28.0	21.2	26.8	38.3		
2051	1	22.4	23.1	6.3	43.6	23.9	29.4	7.2	20.8	14.2	24.6	43.1	24.5	8.6	13.2	18.9	18.6	43.6	23.3	28.6	24.1	17.2	21.5	43.3	26.9	32.8	6.3	21.3	18.9		
2051	2	24.9	23.3	4.0	40.3	30.3	19.6	6.8	29.9	22.7	16.9	20.0	23.9	40.3	4.0	9.2	27.5	32.8	27.6	18.2	16.0	26.6	32.7	30.3	39.0	25.9	9.3	10.4	39.1		
2051	3	16.5	20.2	5.0	48.4	18.0	28.8	16.9	36.2	15.8	15.0	12.8	21.8	48.4	17.7	13.3	21.6	17.3	37.3	7.8	5.0	6.1	15.2	16.1	46.6	10.8	12.3	28.4	15.5		
2051	4	22.5	22.5	1.4	42.6	26.0	27.3	12.6	37.1	21.6	22.1	17.5	31.2	4.7	19.7	14.7	20.1	20.0	42.6	28.3	22.9	24.5	22.8	30.1	27.6	15.4	1.4	19.4	31.4		
2051	5	44.7	43.1	11.6	70.1	55.6	11.6	70.1	45.6	23.2	52.0	55.0	50.1	61.1	54.3	39.0	42.8	58.4	39.4	48.5	21.3	17.4	34.3	46.1	62.5	42.5	43.8	25.3	34.8		
2051	6	67.8	63.9	16.2	117.8	117.8	67.6	80.4	72.0	78.8	71.1	39.8	112.2	32.2	93.0	29.9	16.2	17.5	67.9	50.4	71.6	96.3	57.0	54.5	49.5	97.0	32.9	68.0	60.8		
2051	7	75.9	72.8	15.1	159.8	85.4	74.9	104.3	112.4	78.5	113.4	159.8	76.9	108.7	53.2	118.4	45.1	41.4	62.8	47.0	81.7	40.7	39.7	89.3	101.3	28.8	65.7	17.6	17.6		
2051	8	56.1	61.9	25.9	134.0	80.4	31.1	76.5	55.3	94.0	56.9	31.2	26.4	29.4	134.0	52.5	37.5	25.9	51.5	98.0	69.3	54.7	74.4	82.1	74.6	106.7	34.5	69.6	39.8		
2051	9	62.2	60.9	19.0	98.6	57.7	25.3	56.3	46.6	90.1	94.6	62.9	59.0	62.8	30.0	98.4	57.1	37.5	98.6	71.0	34.9	82.6	37.4	61.7	77.1	24.4	64.7	74.7	19.0		
2051	10	36.1	33.3	14.2	54.1	14.2	51.9	17.7	30.7	36.2	32.1	39.2	39.2	25.0	14.6	19.3	44.5	52.7	38.9	54.1	15.5	37.0	25.0	53.7	14.8	20.5	37.5	22.6	36.0		
2051	11	40.8	39.5	22.5	70.0	24.4	23.4	24.7	26.7	48.4	35.3	42.2	43.8	42.2	41.5	70.0	47.2	48.6	33.0	45.9	36.0	25.8	39.5	56.3	48.7	43.9	25.8	37.2	36.0		
2051	12	32.7	32.9	10.5	65.0	46.6	49.5	30.3	95.0	26.0	37.5	32.8	39.0	33.9	24.0	18.4	33.4	33.6	24.1	34.9	14.8	11.5	24.1	34.2	43.7	37.3	50.0	10.5	19.2		
2052	1	27.4	26.																												

2055	11	34.1	36.6	14.1	68.1	66.7	63.0	45.3	51.7	14.3	49.2	41.5	45.4	34.2	24.5	68.1	21.2	16.0	41.6	31.7	14.1	29.7	34.0	47.5	26.1	38.8	29.3	14.5	29.6	
2055	12	26.8	27.6	7.3	44.7	37.4	44.7	7.3	38.8	23.5	21.8	19.9	12.5	22.1	28.4	11.5	21.3	23.6	31.2	32.4	9.1	25.1	35.5	36.6	31.6	38.9	42.2	22.6	43.2	
2056	1	30.9	32.4	16.8	49.9	16.8	29.1	33.3	28.7	22.6	22.2	23.4	29.9	25.6	27.3	47.6	47.0	34.0	29.4	40.8	37.9	23.5	38.1	34.0	49.9	46.0	32.0	37.9	21.5	
2056	2	20.5	23.3	8.3	39.4	15.5	20.6	17.9	38.3	25.5	36.3	39.4	8.3	20.9	13.1	15.8	31.5	36.2	17.6	20.2	15.2	18.1	24.9	20.5	37.5	18.8	33.3	9.6		
2056	3	21.7	23.1	7.3	45.8	27.4	7.3	21.3	13.7	22.1	17.6	16.5	15.6	45.8	33.9	25.1	8.1	38.9	12.1	34.6	28.6	15.8	16.4	14.1	33.0	23.4	27.4	38.0	19.1	
2056	4	22.7	23.1	5.4	50.1	36.6	35.8	7.9	26.7	5.4	5.7	23.0	13.1	50.1	8.8	26.0	50.1	8.7	32.1	22.3	23.9	15.9	17.0	35.0	17.6	17.1	33.7	29.6	11.3	
2056	5	42.3	42.7	11.8	49.9	34.4	46.9	25.3	27.3	11.8	41.7	60.0	63.2	34.4	46.9	50.1	58.2	29.9	39.8	36.4	25.5	61.2	46.1	67.3	70.8	37.8	42.8	42.8	62.6	
2056	6	65.3	68.4	31.1	140.0	140.0	44.1	40.9	44.4	58.2	65.0	31.1	125.7	80.9	65.6	94.5	52.7	72.6	37.2	42.1	80.1	84.8	74.3	57.7	57.7	57.5	91.8	58.9	67.9	
2056	7	74.8	86.4	27.1	198.6	173.4	29.3	49.5	76.0	73.6	27.1	42.9	87.3	98.8	108.3	115.1	68.2	42.7	66.2	36.2	70.2	111.6	138.3	110.5	118.9	128.5	67.6	36.0	198.6	
2056	8	56.5	66.2	19.5	161.4	161.4	71.5	29.5	57.6	29.0	44.6	19.5	50.3	99.9	89.9	81.8	126.8	39.8	55.4	85.6	51.0	34.1	72.4	55.1	57.5	77.0	100.6	90.6	45.1	53.3
2056	9	47.1	54.4	10.1	115.1	97.7	29.6	33.0	98.3	45.3	47.5	68.6	38.3	29.0	46.7	115.1	24.4	74.9	79.0	40.0	62.7	10.1	55.4	75.9	58.6	97.5	22.9	25.2	30.7	
2056	10	33.2	32.1	10.6	65.7	24.1	65.7	19.2	44.5	35.0	35.2	19.8	19.2	16.8	24.7	33.4	41.2	37.3	31.5	30.4	42.0	11.5	45.0	49.8	41.3	15.7	42.7	33.1	10.6	
2056	11	32.3	35.8	14.3	60.6	49.8	40.4	60.6	48.1	19.2	31.2	33.4	42.7	22.8	45.6	30.1	25.4	24.5	19.0	31.2	57.8	38.2	48.3	14.3	42.2	31.2	27.6	27.8	46.8	
2056	12	20.5	23.5	10.1	48.9	27.7	12.1	14.6	19.0	31.8	48.9	10.1	27.6	15.2	27.7	26.4	21.1	39.9	18.5	16.9	34.4	22.4	23.2	10.4	45.5	13.9	18.2	14.8	19.9	
2057	1	22.2	25.9	12.8	46.8	18.5	38.4	20.3	46.0	22.6	17.4	20.2	28.1	15.2	21.9	19.6	30.2	13.4	39.2	23.9	24.2	20.1	30.7	29.3	46.8	45.9	21.4	15.9	12.8	
2057	2	19.4	21.2	6.7	43.7	20.6	12.0	12.9	24.2	32.3	23.9	16.8	33.9	43.7	12.7	12.7	12.6	6.7	21.1	11.0	14.3	28.0	37.1	9.1	19.2	40.6	19.7	18.1	25.1	
2057	3	20.3	23.4	2.4	51.0	27.9	14.7	3.5	40.2	51.0	31.1	20.4	35.0	41.3	17.9	6.0	41.9	24.2	11.9	50.7	7.4	2.4	16.3	20.2	26.3	10.9	18.2	28.8	11.3	
2057	4	22.3	22.9	2.7	62.5	48.1	7.9	10.6	62.5	25.5	6.6	13.4	28.3	46.7	27.9	15.3	20.0	8.3	19.0	28.3	2.7	22.0	34.7	24.8	23.9	22.5	13.1	13.4	24.6	
2057	5	33.8	38.3	11.5	92.1	43.9	24.6	49.4	47.7	19.4	42.9	65.4	13.0	67.4	11.3	69.3	26.5	43.2	73.2	44.3	67.3	92.1	21.0	31.4	11.7	38.0	32.3	27.6	19.0	
2057	6	45.9	56.8	18.6	112.4	55.7	97.9	35.4	23.4	44.9	38.8	35.4	63.9	62.9	91.8	78.3	43.6	18.6	112.6	44.4	109.7	35.2	102.5	40.7	24.7	35.8	52.8	66.4	46.9	
2057	7	73.5	72.5	22.9	130.4	130.4	22.9	71.1	88.0	84.7	38.6	66.6	43.6	117.6	50.7	93.1	75.9	39.1	49.3	27.3	116.8	110.1	128.5	84.1	113.6	67.6	31.9	38.4	108.8	
2057	8	65.8	64.6	16.6	126.7	126.7	78.0	16.6	81.9	24.8	25.4	62.6	46.7	81.1	38.6	43.1	19.3	72.2	107.9	44.2	49.0	66.7	64.9	67.1	67.8	109.3	114.5	76.8	64.2	
2057	9	61.7	65.3	15.6	148.2	103.4	15.6	45.7	99.0	54.2	31.1	44.1	54.8	88.7	43.5	66.8	27.6	68.5	16.4	61.7	76.2	48.3	94.7	148.2	58.8	61.6	80.6	91.6	85.8	
2057	10	37.8	38.0	11.2	75.7	12.1	73.8	67.7	12.4	43.9	43.8	38.4	37.3	24.1	11.2	36.1	75.7	24.9	22.2	46.3	26.2	39.7	54.0	28.8	17.8	20.9	52.0	40.9	62.1	
2057	11	34.9	36.9	19.8	57.9	48.9	53.0	19.8	39.3	38.4	55.4	24.0	33.6	33.0	36.7	50.2	34.2	57.9	26.3	34.3	56.0	33.7	38.2	22.0	37.4	35.6	22.3	25.3	29.2	
2057	12	29.3	28.8	10.3	45.1	31.9	18.5	35.3	27.5	31.1	42.5	21.6	32.2	29.4	30.3	44.3	28.2	39.1	41.6	29.3	34.4	10.3	22.2	11.3	20.2	16.3	45.1	27.6	21.2	
2058	1	25.8	26.1	9.2	50.7	20.5	32.8	9.2	32.7	25.3	13.0	39.2	43.5	20.9	28.5	27.6	34.8	40.8	12.9	17.8	11.5	50.7	33.2	16.5	29.7	24.0	16.2	26.3	18.2	
2058	2	20.2	23.1	7.3	50.3	21.8	13.0	17.1	39.6	37.7	20.1	35.8	22.3	50.3	24.6	20.4	10.8	19.6	34.6	21.3	25.4	16.5	14.7	18.1	27.5	17.5	19.5	7.3	19.7	
2058	3	23.0	24.0	5.1	57.6	5.1	24.7	42.4	31.3	57.6	55.0	24.2	23.4	6.7	26.9	14.7	13.8	22.6	12.1	7.1	28.2	18.3	28.6	54.4	7.4	12.0	13.2	28.2	17.6	
2058	4	24.6	22.6	4.1	42.8	24.9	4.1	15.2	6.1	33.6	16.5	7.5	17.8	27.9	21.8	19.8	24.8	15.5	33.6	40.0	29.7	25.0	42.8	27.2	24.3	31.4	15.2	31.8	6.5	
2058	5	43.0	46.0	9.6	101.5	34.1	24.9	101.5	53.0	74.0	52.3	21.3	47.6	54.0	42.5	72.9	40.7	52.2	43.6	75.8	84.3	9.6	58.8	84.3	21.2	37.2	21.2	13.4	24.6	
2058	6	54.2	55.7	15.3	132.6	40.6	152.6	132.6	40.6	90.9	77.2	42.0	95.2	181.7	87.6	56.7	40.3	31.6	68.9	33.9	67.3	37.8	55.3	59.7	15.2	31.5	31.9	23.8	86.7	
2058	7	84.1	81.7	19.6	133.3	30.5	84.0	83.0	45.5	19.6	79.2	124.3	85.3	89.2	101.7	106.5	60.6	31.8	85.1	121.9	65.0	75.4	102.7	50.3	133.7	102.5	111.4	58.1	128.0	
2058	8	54.9	62.4	10.2	163.2	57.8	105.1	125.5	79.8	34.2	67.8	37.3	73.3	80.1	94.9	71.8	20.7	53.3	47.8	163.2	10.2	33.1	44.4	31.6	37.0	81.5	56.5	39.1	48.6	
2058	9	48.6	54.7	26.8	115.7	62.2	37.8	42.3	115.7	63.8	32.7	63.2	30.7	68.8	38.0	62.6	70.4	51.2	44.8	101.4	77.9	30.4	46.0	69.6	33.5	26.8	65.4	39.4	39.0	
2058	10	25.7	29.9	11.6	67.0	11.6	32.7	23.4	32.1	49.5	25.1	13.2	15.4	26.2	20.2	28.1	41.4	49.6	20.5	62.6	20.2	39.4	40.3	67.0	17.5	39.7	12.7	16.7	11.6	
2058	11	36.7	37.3	14.5	77.1	14.5	36.9	49.4	42.0	31.2	38.8	45.3	18.4	21.6	18.0	34.8	28.8	77.1	67.6	37.9	26.1	36.4	50.3	45.5	56.3	18.4	36.2	15.5	47.3	
2058	12	32.6	32.5	7.3	74.8	29.5	62.3	36.5	55.1	32.9	23.1	32.4	50.3	23.4	34.4	13.8	44.1	7.3	13.6	34.0	14.1	42.5	39.9	23.7	15.1	18.8	39.5	18.9	74.8	
2059	1	25.6	24.7	6.5	42.5	31.9	23.5	30.4	29.9	34.7	35.5	42.5	17.1	27.5	18.6	24.0	27.2	14.7	21.7	23.5	29.1	12.3	13.6	30.8	30.8	17.9	6.5	31.9	16.4	
2059	2	21.7	21.6	6.6	51.7	21.0	6.6	25.8	19.2	27.3	23.2	23.4	13.4	24.2	14.7	16.8	23.1	18.9	22.4	18.1	27.6	31.0	22.4	51.7	9.5	31.0	14.2	16.6	16.9	
2059	3	25.9	26.7	8.5	58.1	13.5	47.0	42.2	39.9	58.1	28.1	9.8	10.7	46.8	19.8	10.4	11.9	13.8	20.9	29.1	43.1	8.5	15.0	29.3	32.2	11.0	41.7	33.4	23.8	
2059	4	16.5	21.7	4.5	54.8	38.0	33.0	10.8	39.2	4.5	40.8	6.1	12.6	15.4	17.1	17.8	13.2	14.4	16.8	34.6	54.8	6.4	16.2	33.3	14.3	22.4	27.6	15.3	16.0	
2059	5	37.7	45.2	9.0	142.4	21.4	18.5	85.6	32.4	37.6	26.5	62.8	63.3	31.0	92.6	43.7	37.8	25.9	28.7	29.3	22.3	35.9	40.2	48.0	52.2	142.4	9.0	57.1	34.2	
2059	6	53.2	65.6	24.7	139.5	79.8	100.5	45.4	90.7	75.0	39.8	76.0	96.9	45.8	112.5	78.8	29.5	37.5	51.3	139.5	55.2	33.3	33.7	36.3	105.9	52.2	34.2	24.7	34.2	
2059	7	65.8	70.8	23.4	138.2	119.2	44.0	294.0	130.9	40.4	79.5	90.9	38.8	83.5	31.5	62.0	38.1	48.6	38.3	76.5	129.4	99.4	129.4	99.4	129.4	99.4	65.7	65.9	95.4	
2059	8	62.2	72.9	20.3	229.3	48.4	62.8	33.9</																						



2063	6	55.0	52.2	15.6	85.5	39.3	85.5	24.3	83.8	25.0	66.6	55.4	34.2	63.0	54.6	57.3	28.3	56.9	53.5	69.2	81.1	32.5	78.3	59.6	35.7	57.9	15.6	47.4	46.8	
2063	7	73.0	73.7	22.5	157.0	55.0	95.8	48.0	157.0	48.3	51.5	46.9	76.7	58.1	70.1	61.1	22.5	108.6	118.5	61.1	100.5	92.0	78.1	78.6	50.3	75.9	83.6	32.8	98.3	
2063	8	49.8	62.2	16.2	156.4	63.5	43.3	64.9	102.4	47.6	42.5	52.0	64.6	46.2	41.2	64.6	41.3	42.4	126.2	16.2	27.9	79.8	25.5	17.8	53.2	77.0	156.4	118.6		
2063	9	56.3	58.7	19.9	106.3	52.6	36.5	61.7	56.1	32.1	99.2	19.9	70.6	95.1	32.5	106.3	60.5	33.9	56.7	93.9	56.5	54.0	59.9	38.5	46.6	33.9	103.9	77.0	30.5	
2063	10	33.4	36.7	9.3	75.6	42.1	68.0	24.7	35.9	65.4	62.2	9.3	14.1	24.0	30.1	32.9	38.8	36.0	46.0	20.4	23.2	40.4	28.5	23.7	33.9	55.2	23.5	27.5	75.6	
2063	11	31.6	35.3	15.9	76.1	24.0	44.9	15.9	28.0	41.2	31.6	31.5	76.1	24.3	19.0	45.8	52.8	34.9	33.0	34.7	74.6	26.5	24.0	47.1	19.5	23.9	24.0	21.8	27.5	
2063	12	30.6	35.9	12.8	68.6	29.0	44.6	35.1	52.7	25.0	12.8	35.1	52.7	25.0	12.8	35.1	52.7	25.0	12.8	35.1	52.7	25.0	12.8	35.1	52.7	25.0	12.8	35.1	52.7	25.0
2064	1	25.9	29.5	15.5	77.5	25.6	35.7	41.0	41.7	31.6	22.5	29.9	26.2	21.0	21.6	24.1	18.3	16.1	29.5	15.5	77.5	40.6	40.6	23.9	33.8	29.0	19.5	29.0	33.5	
2064	2	22.7	23.8	5.7	45.1	21.6	15.1	16.1	14.5	18.8	29.7	24.8	34.9	37.4	22.5	25.9	23.1	37.4	43.9	23.7	5.7	14.6	45.1	17.9	21.4	9.8	23.0	16.6	26.8	
2064	3	26.6	28.2	7.2	59.9	35.0	32.6	21.4	17.5	45.0	34.0	7.6	52.1	48.7	25.8	20.9	23.3	20.4	42.0	59.9	7.2	29.3	9.8	30.2	13.5	27.4	16.1	40.5	15.8	
2064	4	14.7	18.9	0.0	44.7	13.8	32.5	38.3	3.8	11.3	3.0	9.2	26.8	44.7	27.4	32.7	5.2	16.6	14.6	9.6	7.0	26.1	44.2	0.0	7.7	33.0	14.7	12.2	19.0	
2064	5	35.3	37.5	11.9	73.0	37.1	15.9	37.5	15.8	67.9	64.9	55.0	68.8	30.6	13.5	64.5	42.0	25.7	11.9	32.4	15.5	73.0	39.8	47.3	33.7	30.5	20.2	37.0	20.6	
2064	6	61.5	67.5	30.9	149.4	33.4	49.7	66.1	92.2	82.5	59.3	30.9	53.0	122.5	55.1	66.3	109.9	41.0	82.3	31.3	52.3	46.2	90.9	63.7	68.7	149.4	69.6	52.3	51.7	
2064	7	82.5	87.5	40.3	217.0	79.4	56.7	40.3	79.7	68.9	128.1	134.4	85.2	21.7	51.3	99.4	69.7	86.3	44.4	100.2	48.1	50.1	96.3	61.4	86.5	126.6	118.9	112.3	65.7	
2064	8	65.9	61.0	20.1	92.5	68.4	92.5	62.2	78.7	34.9	73.0	79.2	20.1	33.6	46.5	25.3	73.2	21.9	63.5	77.2	90.5	89.5	33.3	79.7	74.6	54.4	48.4	82.2	61.3	
2064	9	61.7	60.9	29.4	101.1	79.4	59.8	101.1	62.0	75.3	80.3	48.9	31.0	70.0	34.6	55.5	92.9	29.6	63.6	65.0	53.2	29.6	29.4	36.3	61.4	72.4	72.3	86.7	55.0	
2064	10	37.0	41.0	16.0	72.2	31.1	52.1	23.4	61.4	33.3	34.8	41.0	35.8	72.2	47.7	63.8	30.9	28.9	44.9	37.0	16.0	25.8	34.3	30.0	58.8	37.8	37.5	36.9	68.0	
2064	11	32.7	33.4	9.9	70.7	27.1	27.1	14.4	46.8	26.4	38.3	29.2	57.7	20.6	20.6	36.5	36.8	26.1	54.2	16.2	11.7	51.0	70.7	33.7	9.9	37.5	36.9	24.5	23.0	
2064	12	31.2	32.0	5.8	57.3	53.8	37.1	5.8	25.4	33.0	48.3	29.3	41.1	43.9	37.2	43.0	25.8	25.2	16.1	13.5	57.3	27.8	21.0	18.7	47.8	35.8	24.9	24.9	34.1	
2065	1	32.3	32.8	14.9	67.2	29.2	30.4	26.1	45.5	18.9	50.1	17.5	27.4	40.2	30.2	42.9	39.2	39.5	14.9	45.5	24.1	41.1	17.7	38.5	34.5	35.0	22.1	67.2	23.5	
2065	2	20.9	22.0	7.1	56.2	19.7	23.7	21.4	11.0	29.7	23.7	32.4	29.3	15.2	16.2	8.9	10.3	7.1	25.4	56.2	20.3	12.8	10.7	32.3	22.7	10.0	19.0	12.5	30.9	
2065	3	18.1	19.0	4.2	34.8	34.8	14.8	28.1	16.6	34.6	29.1	4.2	17.2	6.4	24.4	22.1	18.5	5.4	22.8	23.6	13.5	16.3	23.2	20.8	17.7	16.0	13.3	13.3	19.7	
2065	4	23.1	25.3	6.8	59.7	47.0	6.8	18.6	33.6	14.7	12.0	10.0	59.7	11.8	13.7	28.5	33.3	22.5	15.5	21.9	31.6	23.7	27.5	42.0	52.6	12.4	24.6	28.9	15.3	
2065	5	34.3	36.8	6.0	80.9	15.1	32.6	17.1	25.7	54.2	41.2	22.9	20.0	18.4	38.7	47.5	21.9	30.8	57.1	30.1	54.0	36.0	80.5	43.4	80.9	54.3	40.2	15.2	6.0	
2065	6	56.7	60.9	21.9	103.7	51.2	49.8	46.3	100.4	32.6	51.3	66.6	78.3	63.0	28.7	53.7	91.1	103.7	21.9	59.6	59.8	71.2	37.3	49.2	45.3	93.6	66.7	34.2	99.2	
2065	7	72.8	77.0	22.4	146.6	55.9	115.1	95.9	97.5	84.7	118.0	43.2	71.4	146.6	61.1	22.4	69.4	56.9	91.3	92.7	30.2	53.1	112.2	74.2	29.9	103.1	48.4	118.7	55.6	
2065	8	57.3	64.1	12.7	151.5	12.7	30.2	102.3	58.7	86.5	45.7	74.5	19.7	70.4	55.8	50.3	77.5	60.0	54.5	98.0	77.5	55.0	32.8	151.5	109.5	32.8	151.5	109.5	32.8	
2065	9	59.4	63.0	27.3	108.9	27.3	89.6	54.5	45.6	66.5	89.0	71.1	37.5	93.8	81.1	108.9	39.8	53.9	30.2	79.9	70.0	97.9	97.7	82.6	32.9	56.8	30.5	53.1	62.1	
2065	10	34.0	34.0	7.2	79.2	47.2	49.2	7.2	57.5	31.1	27.0	63.5	27.0	40.8	47.2	51.1	31.0	34.0	27.4	20.2	55.3	35.2	34.1	52.0	20.6	21.1	34.1	61.2		
2065	11	36.6	35.8	16.5	53.1	43.2	48.5	26.9	24.1	46.1	29.0	44.7	28.6	34.7	39.7	38.6	41.6	32.2	21.3	36.7	40.0	29.7	49.9	43.1	26.7	32.0	38.7	16.5	36.5	
2065	12	30.7	32.6	14.5	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6	44.4	58.8	22.6
2066	1	23.6	26.6	8.3	57.3	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8	26.6	15.8
2066	2	18.8	21.2	8.0	59.3	24.4	17.7	13.1	14.5	16.7	13.0	59.3	18.0	21.5	8.6	8.0	13.0	40.1	24.6	29.0	8.3	23.4	26.3	11.4	13.9	29.6	20.6	39.8	19.6	
2066	3	19.4	22.8	7.7	63.0	22.9	15.8	7.7	21.2	30.7	23.5	28.7	16.9	12.2	9.1	13.6	42.8	31.8	47.7	63.0	12.9	39.0	12.6	7.7	29.5	7.7	19.6	10.3	10.3	
2066	4	21.2	23.7	9.9	45.4	13.7	35.3	25.8	43.3	27.7	15.3	14.4	41.2	14.0	14.2	15.6	9.9	28.5	13.7	16.0	36.8	20.6	27.0	20.0	35.2	23.1	21.8	45.4	10.7	
2066	5	33.5	38.2	10.0	99.1	24.0	51.3	37.3	53.7	57.5	50.3	38.1	27.9	30.2	19.4	70.9	33.4	33.6	99.1	39.7	38.6	31.9	30.6	15.3	16.1	10.0	22.2	62.1	23.0	
2066	6	58.0	62.0	16.8	186.1	49.6	75.5	186.1	66.9	65.8	76.2	69.3	34.8	59.7	31.9	79.2	20.0	72.2	56.4	56.0	16.8	26.0	37.8	43.7	41.1	72.2	74.4	38.8	137.4	
2066	7	74.1	77.2	29.7	134.3	70.3	75.2	35.6	125.0	76.9	92.6	67.3	42.3	66.1	102.7	115.5	133.7	109.1	53.9	35.1	83.3	38.7	72.9	134.3	29.7	128.7	78.5	53.8	61.6	
2066	8	55.4	61.7	14.9	121.1	14.9	48.8	42.8	74.8	35.0	51.3	113.8	34.8	73.3	39.4	82.0	56.3	77.1	51.3	112.6	54.5	41.1	87.2	71.3	20.2	121.1	67.6	44.0	66.8	
2066	9	69.4	66.4	6.0	113.3	69.9	80.2	86.7	48.8	39.7	31.4	55.3	52.5	113.3	6.0	98.6	69.0	88.5	87.6	68.8	35.6	58.8	105.5	76.0	85.3	75.7	38.7	49.5	77.0	
2066	10	36.9	38.6	16.3	97.3	37.5	45.6	41.6	23.1	41.9	51.7	27.7	27.0	33.8	16.3	37.5	97.3	26.4	29.8	54.8	37.9	21.4	30.7	36.4	72.4	48.2	23.1	37.5	27.3	
2066	11	31.6	33.7	10.0	63.5	43.5	47.4	63.5	37.8	14.7	59.4	29.7	47.4	18.5	27.6	38.5	49.1	22.6	31.6	31.7	29.8	25.8	42.4	23.8	10.0	38.0	25.0	19.0	31.8	
2066	12	27.9	32.1	11.2	74.1	52.9	43.6	27.8	41.6	23.2	28.0	31.1	74.1	21.3	24.4	40.0	21.2	30.7	11.2	27.2	22.3	18.8	24.5	52.3	26.7	39.7	29.8	32.9	25.3	
2067	1	20.0	24.5	5.8	76.7	19.8	5.8	17.3	30.9	15.0	76.7	15.2	16.9	27.8	15.4	37.0	38.5	20.1	20.0	7.6	32.9	8.9	30.0	38.6	8.7	24.0	6.7	40.1	32.8	
2067	2	23.3	26.6	5.6	49.3	27.4	18.3	11.7	11.4	49.3	32.0	26.4	24.5	23.0	12.6	7.7	33.8	32.1	9.5	5.6	9.3	21.6	28.0	38.0	13.0	6.5	11.0	23.8	29.8	
2067	3	15.5	18.9	6.0	56.2	21.7	16.0	10.3	14.																					

2071	1	27.9	25.6	4.7	53.0	41.9	40.3	8.0	28.0	33.2	36.9	28.1	14.2	4.7	34.2	12.8	36.1	16.8	9.5	12.5	44.0	22.1	20.0	27.8	18.6	32.2	53.0	28.8	10.5	
2071	2	19.9	21.5	8.8	54.7	39.0	11.3	8.8	20.9	27.8	31.7	15.6	12.3	18.8	24.8	54.7	19.9	13.1	13.4	14.0	10.0	19.8	31.2	13.6	24.5	31.0	15.2	21.5	23.8	
2071	3	21.4	26.8	5.9	58.3	21.6	18.8	30.7	10.3	58.3	37.1	19.9	35.8	11.3	13.8	21.3	18.9	22.8	40.9	21.5	50.9	21.0	10.1	13.7	17.8	51.7	5.9	48.7	15.8	
2071	4	26.0	24.3	2.2	60.1	25.1	32.1	2.7	14.2	17.6	49.1	7.4	43.4	32.3	2.2	3.4	5.7	37.5	27.0	28.6	9.4	17.2	22.1	60.1	31.2	46.9	28.9	31.1	8.8	
2071	5	29.9	39.3	8.7	94.7	56.6	63.2	20.2	72.7	27.9	18.5	26.9	42.8	83.0	39.9	13.3	94.7	31.9	21.7	13.9	38.6	19.7	71.2	52.3	25.4	19.9	27.5	53.0	8.7	
2071	6	45.3	50.9	12.8	104.2	43.2	73.9	52.8	46.3	16.2	82.1	86.1	40.7	104.2	39.4	44.3	34.6	23.1	26.4	64.3	12.8	27.5	67.0	96.1	16.5	53.0	49.7	81.5	43.0	
2071	7	71.4	70.5	19.9	112.3	34.7	33.3	35.9	69.8	95.3	112.3	54.1	62.5	102.4	53.7	14.9	106.2	71.1	36.9	107.9	42.6	37.9	80.9	73.6	57.6	112.0	110.0	71.7	42.6	
2071	8	47.4	61.3	19.7	176.3	129.5	47.2	48.8	62.6	102.0	62.9	39.0	30.8	19.7	46.0	21.1	72.7	176.3	35.3	38.2	25.8	100.0	42.6	70.5	43.8	40.3	56.2	99.4	33.8	
2071	9	68.9	71.4	25.3	140.3	106.9	72.8	25.3	73.0	48.8	100.3	66.9	55.7	70.8	59.8	35.9	89.4	89.9	73.3	140.3	51.4	116.5	65.2	98.4	63.1	77.2	34.8	51.5	47.4	
2071	10	43.0	44.7	22.2	81.5	40.9	81.5	22.2	34.7	52.9	24.5	71.7	42.7	43.7	62.1	29.7	23.6	27.1	23.6	44.2	42.4	36.8	48.8	60.3	53.7	70.8	70.1	32.8	49.9	
2071	11	38.7	40.9	13.6	71.1	20.9	23.2	21.3	71.1	39.2	29.0	50.0	71.1	13.6	49.0	54.1	55.5	62.5	30.2	17.1	36.6	49.5	37.3	29.4	21.1	67.4	38.2	49.8	44.5	
2071	12	31.5	34.6	16.0	78.5	60.9	55.6	43.7	31.6	25.0	20.5	32.3	16.9	18.7	45.2	78.5	16.0	30.3	32.4	23.7	16.7	27.9	38.9	24.4	38.3	46.8	48.5	31.5	26.7	
2072	1	26.0	27.2	7.1	51.8	28.2	22.7	19.0	29.6	35.9	7.1	45.9	25.9	32.6	27.7	34.3	18.7	31.2	19.9	10.9	51.8	24.3	26.1	26.5	25.0	43.4	20.2	23.0	22.1	
2072	2	18.4	18.7	2.9	39.3	14.0	16.7	17.2	18.9	22.1	13.8	11.3	10.9	18.5	10.5	19.2	18.1	21.4	25.8	27.2	23.3	39.3	22.0	31.5	20.2	15.3	11.0	18.4	2.9	
2072	3	24.9	24.9	9.7	43.2	27.5	9.7	18.2	24.0	37.9	35.8	35.2	19.5	43.2	28.4	22.6	15.7	17.8	10.4	28.8	24.8	27.1	20.2	32.6	17.4	25.9	23.5	25.0	27.0	
2072	4	22.4	23.8	0.0	47.9	43.6	15.3	30.1	32.8	22.1	19.7	30.8	9.1	19.8	15.1	5.2	17.5	7.8	29.9	40.5	0.0	34.9	28.0	17.9	35.6	47.9	31.9	12.9	22.7	
2072	5	35.3	38.1	14.0	101.8	101.8	49.1	77.0	40.0	52.0	24.9	84.7	44.1	20.6	23.7	35.3	14.2	20.1	14.8	36.7	36.4	24.1	22.5	15.7	48.3	35.2	42.9	14.0	35.2	
2072	6	66.2	67.4	18.6	173.3	39.7	54.0	80.1	64.4	90.6	27.9	92.4	81.7	78.9	56.0	75.4	24.3	39.5	26.4	55.0	67.9	103.0	86.9	173.3	37.7	82.4	107.3	53.4	18.6	
2072	7	57.1	75.4	25.8	168.0	109.8	75.4	55.8	168.0	124.3	99.0	54.1	56.6	117.2	46.9	36.4	81.6	79.1	25.8	84.8	137.2	86.3	73.0	45.9	31.0	30.0	33.0	61.1	37.0	
2072	8	70.5	66.1	18.4	110.8	59.8	54.9	80.3	69.8	45.7	21.7	87.4	85.8	40.9	18.4	74.6	54.8	83.1	58.3	36.7	110.8	75.0	99.0	110.1	52.8	38.7	71.2	79.4	83.7	
2072	9	61.8	61.0	15.2	141.2	141.2	44.6	18.7	41.4	62.5	118.8	104.1	69.9	65.2	63.2	50.0	85.5	61.2	39.7	85.0	72.6	38.3	65.9	53.9	94.9	26.0	30.9	15.2	15.2	
2072	10	39.2	40.2	24.2	78.6	36.5	40.1	46.9	24.9	34.1	40.5	31.2	37.6	27.4	26.2	54.3	38.4	45.0	48.0	50.4	26.7	33.1	24.2	78.6	41.2	41.8	56.8	42.6	37.5	
2072	11	37.1	38.8	6.0	74.3	32.0	51.1	25.6	6.0	36.1	34.6	38.2	54.3	17.4	34.1	23.9	56.7	45.4	46.8	44.4	43.7	36.0	29.6	54.2	59.8	24.5	17.3	46.1	74.3	
2072	12	33.9	35.3	12.7	84.8	59.8	13.8	29.3	37.8	37.8	46.3	20.2	39.6	33.8	33.5	30.1	12.7	48.7	36.4	27.8	25.0	27.1	20.7	46.3	27.4	38.7	33.9	34.8	84.8	
2073	1	24.5	28.6	7.7	67.1	15.8	19.7	45.0	29.5	17.8	33.3	17.4	28.0	7.7	51.1	40.0	36.8	40.1	15.8	14.0	29.3	19.3	23.7	67.1	25.2	48.1	22.9	18.3	20.0	
2073	2	20.4	21.9	6.2	47.2	16.2	31.4	19.8	25.5	22.7	27.9	22.0	15.6	25.5	15.5	33.6	13.1	17.9	29.8	36.3	16.7	21.0	19.2	16.3	13.3	47.2	6.2	11.0	21.8	
2073	3	20.5	23.0	6.7	63.8	11.8	12.5	21.6	12.3	6.7	28.2	13.9	28.7	20.4	11.9	21.9	16.3	20.6	23.9	63.8	26.7	36.5	11.0	29.1	47.9	16.2	14.6	42.2	13.9	
2073	4	26.1	23.8	4.6	49.7	26.3	4.6	40.4	6.7	35.6	11.5	12.4	30.7	39.0	18.3	15.5	26.9	21.1	40.7	28.4	28.0	15.3	25.9	28.1	13.4	49.7	16.4	28.5	8.2	
2073	5	29.2	37.8	10.0	89.0	24.1	86.7	68.2	39.8	29.5	65.9	52.9	12.2	12.3	17.2	32.4	60.6	68.5	89.0	18.5	21.8	28.9	12.6	10.0	19.4	53.0	46.0	13.9	28.0	10.1
2073	6	52.5	50.8	8.9	97.0	54.1	42.4	62.0	20.2	97.0	32.4	75.9	30.6	77.6	52.5	52.5	57.2	34.3	19.8	23.8	65.3	59.1	8.9	50.4	71.9	96.2	70.6	20.9	43.1	
2073	7	80.2	78.7	26.2	147.0	119.3	83.1	44.5	47.9	108.0	101.6	51.5	53.9	94.6	26.2	100.8	36.4	60.0	110.2	77.3	60.2	88.5	147.0	121.7	27.6	122.8	90.8	74.7	40.0	40.0
2073	8	58.7	65.8	33.7	127.3	49.5	33.8	122.8	40.2	84.2	67.4	36.4	44.8	74.7	83.1	17.1	56.7	33.1	58.3	44.9	137.2	34.9	57.7	67.9	59.0	112.4	73.9	66.9	42.6	
2073	9	65.7	69.2	12.1	129.3	47.0	59.7	62.8	95.3	89.7	84.5	129.3	110.0	102.4	53.7	12.1	33.5	69.9	34.4	58.5	49.6	47.6	111.6	46.7	124.0	88.7	71.8	70.0	36.3	50.6
2073	10	34.8	37.8	12.6	66.2	55.1	24.9	58.4	47.7	14.3	31.9	46.4	41.5	40.4	66.2	29.5	56.0	33.0	14.1	50.2	33.9	33.1	44.9	12.6	35.8	60.9	16.3	30.1	29.3	
2073	11	35.3	35.4	10.5	62.5	37.4	34.0	52.8	21.2	36.6	27.0	42.6	62.5	29.5	38.9	33.4	24.1	10.5	27.1	52.9	47.0	20.9	38.9	44.0	22.8	29.9	49.5	36.6	30.6	
2073	12	31.2	31.6	8.4	60.5	60.5	40.2	21.1	20.0	24.7	28.4	34.6	31.5	12.4	57.8	45.9	44.8	31.0	21.1	10.9	41.6	8.4	37.6	43.6	25.6	38.2	34.9	24.6	18.3	
2074	1	25.7	27.4	7.6	51.0	27.7	31.4	24.7	25.7	16.7	29.4	31.5	16.3	40.6	25.8	21.7	32.7	21.6	41.3	20.3	28.8	23.3	12.9	7.6	43.0	41.2	51.0	21.9	20.1	
2074	2	24.4	24.6	5.4	43.3	27.8	21.1	25.5	25.1	21.4	24.3	34.7	49.3	12.4	10.8	31.0	23.9	12.1	37.6	5.4	13.4	21.2	43.0	35.9	24.5	17.0	27.9	12.2	39.1	
2074	3	20.3	22.2	3.7	45.1	21.3	11.2	18.8	20.3	25.1	18.5	34.4	17.9	22.6	12.1	43.0	3.7	12.7	23.7	27.9	45.1	7.9	15.6	22.4	45.0	17.8	23.0	20.4	19.5	
2074	4	24.8	28.1	3.0	58.5	10.0	46.2	47.8	46.0	11.9	23.9	3.0	26.3	14.7	6.5	22.0	43.3	58.5	47.1	57.9	22.8	18.0	42.8	11.0	19.1	28.4	25.7	25.8	16.5	
2074	5	32.2	36.3	1.1	115.9	25.6	25.1	115.9	31.3	24.1	49.0	33.0	34.2	25.9	41.2	47.6	11.1	39.5	9.9	25.1	47.7	28.8	52.1	27.2	13.2	1.1	44.5	46.4	70.9	
2074	6	57.2	59.7	15.4	144.3	68.3	71.6	75.1	25.9	49.8	27.5	30.5	143.3	144.3	67.0	25.7	41.3	56.0	34.7	131.2	58.4	64.1	124.0	76.1	15.4	52.3	44.4	29.3	58.6	
2074	7	80.6	82.7	40.5	191.8	100.3	45.8	101.8	40.5	108.2	87.2	85.5	108.2	100.7	89.1	46.1	61.9	76.1	80.9	98.1	78.1	46.3	152.5	45.1	50.6	80.4	102.3	56.6	191.8	
2074	8	67.2	68.5	11.9	158.5	69.7	68.3	72.1	17.7	126.7	61.0	32.0	95.2	158.5	78.7	87.7	51.3	11.9	43.0	66.1	43.9	43.3	24.0	106.5	118.3	38.1	83.1	36.7	92.8	105.2
2074	9	74.7	70.6	22.3	136.1	61.2	33.8	128.7	52.2	136.1	107.4	77.8	56.7	90.9	69.2	81.8	44.8	29.5	32.8	102.2	89.9	71.6	54.1	23.2	49.0	86.8	87.8	62.9	42.6	
2074	10	39.9	39.3																											

2078	8	62.0	68.6	23.6	125.2	64.9	23.6	114.2	40.7	121.5	112.2	27.9	43.4	58.9	36.2	125.2	80.1	49.7	49.2	113.9	59.1	77.6	65.1	27.9	47.5	45.0	115.7	73.6	73.3
2078	9	62.4	68.6	30.8	137.8	137.8	54.2	80.2	62.4	30.8	54.5	114.0	73.0	112.0	82.7	38.9	60.4	32.6	40.9	71.3	108.7	45.8	85.2	85.0	62.4	44.3	74.5	41.0	52.8
2078	10	31.4	38.1	3.5	83.6	28.4	64.6	21.1	34.9	81.4	46.0	18.6	3.5	12.4	32.8	83.6	29.9	40.5	20.3	48.7	72.9	25.4	30.0	49.8	23.7	27.4	54.5	28.4	35.5
2078	11	37.2	37.9	14.8	66.9	29.4	14.8	34.3	46.0	66.9	47.5	57.6	33.1	31.3	33.8	55.1	41.1	59.1	22.0	19.6	49.9	25.0	20.2	43.3	48.1	30.4	25.0	15.0	40.6
2078	12	28.7	31.9	10.5	54.0	28.8	19.3	50.3	49.9	42.4	54.0	39.8	13.9	13.0	53.2	32.7	19.6	45.7	17.1	49.5	10.5	28.6	47.6	21.6	47.0	36.2	18.4	22.6	22.9
2079	1	26.9	28.0	9.5	51.6	24.8	31.7	28.6	27.8	38.8	51.6	46.1	27.6	25.8	9.5	37.6	34.8	27.0	26.7	20.4	22.1	19.2	19.0	45.8	33.3	13.6	23.4	17.7	20.2
2079	2	23.6	26.3	11.7	56.9	25.0	33.9	56.7	22.1	28.9	21.0	23.7	36.4	36.0	11.7	36.1	23.1	11.8	32.8	19.1	16.4	20.8	35.9	38.3	24.4	19.4	17.9	22.0	
2079	3	17.0	19.7	6.6	47.4	45.8	15.4	29.9	13.8	23.3	9.2	14.4	14.1	17.2	11.4	24.6	6.6	14.5	47.4	19.2	16.7	23.8	16.6	18.0	11.9	16.8	20.8	14.8	17.8
2079	4	16.0	18.0	1.8	38.7	38.7	12.1	15.3	11.2	18.2	37.1	33.0	23.0	5.6	12.5	10.2	28.6	21.3	37.5	19.0	18.6	14.4	3.9	10.6	16.7	21.9	6.0	14.7	1.8
2079	5	30.2	33.5	15.0	64.2	19.0	34.1	49.0	19.4	24.0	15.0	28.8	17.2	27.5	31.5	24.3	23.7	36.1	50.7	43.1	49.3	33.6	20.3	26.1	34.5	60.3	64.2	20.6	48.7
2079	6	46.9	55.8	10.4	136.2	47.5	104.0	91.1	34.9	85.8	97.7	11.9	46.3	79.9	34.0	45.7	66.8	20.9	23.3	52.1	55.1	61.3	83.8	39.8	36.3	10.4	33.3	41.2	136.2
2079	7	74.3	81.7	24.4	184.4	96.7	63.8	133.2	46.3	88.5	184.4	24.4	43.1	164.0	66.4	50.2	74.4	93.0	98.1	55.3	100.2	54.0	75.8	93.0	74.2	57.0	64.0	53.1	
2079	8	48.7	59.3	16.4	162.4	55.8	162.4	62.7	102.7	71.3	60.8	28.1	32.7	36.3	65.9	107.3	35.5	30.8	50.4	16.4	90.4	27.2	46.9	103.0	99.7	35.1	31.9	37.0	38.0
2079	9	68.3	71.0	28.1	120.4	47.1	64.1	85.6	68.5	99.8	68.1	57.2	73.3	82.4	28.1	31.9	54.2	62.5	89.1	60.0	64.1	114.5	79.7	70.4	120.4	72.3	64.1	49.6	98.0
2079	10	29.5	32.7	15.7	65.9	52.9	25.7	23.2	19.7	32.5	30.7	28.6	45.1	30.2	41.2	35.1	27.7	45.7	15.7	65.9	19.8	25.4	42.0	36.7	28.3	28.7	27.6	23.7	33.8
2079	11	40.9	41.1	11.4	88.0	50.8	17.7	11.4	22.4	42.2	39.6	88.0	34.5	73.0	55.1	23.8	54.5	25.6	47.4	24.9	19.7	75.3	49.0	42.4	24.0	55.0	44.2	34.5	31.5
2079	12	34.4	32.9	12.1	52.9	39.9	33.0	24.8	44.4	50.5	35.3	36.9	12.1	33.5	17.0	41.4	46.6	40.1	28.6	25.2	52.9	19.3	35.2	25.6	28.0	15.7	41.0	39.8	24.1
2080	1	23.5	25.3	9.5	55.3	32.5	9.5	19.1	55.3	19.6	19.5	24.3	28.8	23.8	21.7	25.3	23.1	23.1	30.2	12.2	34.2	37.0	42.8	36.1	11.5	10.1	18.2	30.9	17.3
2080	2	23.5	27.2	6.6	66.9	66.9	21.8	37.4	14.3	28.6	32.4	29.1	39.1	21.0	6.6	19.3	60.8	16.0	24.7	29.5	16.0	22.4	37.9	20.0	26.0	13.9	19.9	37.2	34.0
2080	3	19.7	23.0	2.1	52.4	12.4	8.7	52.4	21.0	44.5	16.0	28.3	14.0	21.1	20.7	18.7	24.3	32.6	13.3	11.2	9.9	14.8	37.2	47.2	15.0	3.8	37.6	43.2	26.8
2080	4	23.6	25.6	3.3	71.6	28.4	16.4	36.5	19.6	9.7	38.2	3.3	30.8	6.5	39.7	20.6	24.8	16.7	23.2	5.3	24.0	41.9	41.1	19.1	8.8	17.5	45.7	71.6	25.8
2080	5	39.5	45.8	13.5	137.7	63.2	36.2	70.3	37.8	41.1	137.7	25.1	27.3	34.5	17.4	75.9	52.9	42.2	13.5	43.8	57.3	29.1	18.8	83.4	28.2	56.9	20.0	26.8	58.5
2080	6	54.8	50.7	12.5	119.0	61.6	67.2	119.0	65.9	56.8	62.2	23.9	12.5	77.8	26.4	33.5	57.1	53.3	26.0	33.9	57.6	77.9	23.4	30.1	23.2	38.2	55.7	53.9	80.1
2080	7	78.3	78.6	30.7	133.9	77.4	47.2	95.6	65.1	66.3	43.1	64.6	80.8	79.1	81.4	39.9	85.4	68.5	107.4	30.7	57.1	103.2	58.8	77.0	99.2	118.8	133.9	118.5	87.6
2080	8	55.5	64.9	18.9	157.5	103.1	27.0	44.0	79.1	50.9	18.9	79.4	24.5	56.3	157.5	38.7	65.1	39.8	53.3	58.9	102.4	140.7	71.6	79.5	54.7	46.2	38.3	80.8	46.6
2080	9	57.8	61.5	17.3	109.2	109.2	41.8	89.9	95.5	17.3	26.5	51.5	104.3	57.4	80.5	45.0	37.0	19.9	25.6	67.3	98.7	77.9	57.5	98.7	58.1	91.4	59.9	41.5	22.2
2080	10	36.0	38.0	11.9	78.9	23.7	54.5	51.4	32.3	29.5	40.3	24.3	39.6	42.1	78.9	18.8	20.5	50.4	27.3	21.1	54.8	58.9	11.9	71.7	44.4	41.0	32.4	20.3	22.8
2080	11	36.6	38.1	14.9	73.4	19.0	65.0	46.1	22.1	26.0	24.6	50.3	39.8	56.7	30.1	58.5	14.9	46.7	73.4	36.1	44.2	20.4	42.8	25.7	37.2	27.4	34.8	24.4	46.6
2080	12	33.1	31.6	6.4	57.7	27.7	27.1	33.6	6.4	38.9	39.7	63.9	18.9	37.7	32.9	53.2	20.7	29.6	15.8	6.7	12.7	25.7	51.0	34.4	34.3	33.4	30.2	43.9	
2081	1	28.1	30.3	16.0	55.4	26.8	27.7	16.0	23.0	27.3	28.6	38.2	30.8	42.9	25.9	41.1	36.8	28.6	29.0	25.4	55.4	21.2	18.9	51.9	27.7	30.6	16.0	23.3	44.8
2081	2	19.1	22.9	4.3	47.4	17.5	16.6	15.0	18.5	19.3	25.2	29.6	43.5	16.2	3.9	20.7	15.6	47.4	25.0	17.8	18.8	17.6	18.1	19.7	33.9	14.6	24.7	24.7	24.7
2081	3	23.5	27.7	4.7	60.9	13.3	8.5	9.4	26.0	13.7	32.0	15.9	24.0	37.5	15.9	17.1	25.9	23.7	20.9	38.9	23.0	24.5	34.2	4.7	50.9	25.3	14.5	26.0	24.7
2081	4	20.9	23.5	2.4	59.6	23.6	17.5	23.7	17.6	26.6	17.0	17.5	11.6	31.6	17.7	15.9	17.1	16.9	34.4	33.9	7.1	38.2	41.7	24.9	59.6	20.3	2.4	29.3	10.4
2081	5	39.9	40.1	5.1	99.9	45.7	37.4	99.9	61.8	25.6	42.4	43.8	44.1	48.2	70.2	32.0	16.6	44.0	12.7	30.8	44.6	29.7	81.2	5.1	63.0	23.5	28.0	17.7	15.5
2081	6	40.5	49.0	15.9	88.5	51.6	23.9	72.6	52.5	88.5	62.5	35.4	80.4	75.8	38.8	34.5	71.4	31.6	32.8	37.0	40.7	30.6	78.3	40.4	45.2	74.5	22.0	40.3	15.9
2081	7	73.2	75.6	29.6	135.9	81.3	129.3	72.8	76.3	135.9	96.4	29.6	74.6	116.6	65.9	37.1	53.1	100.7	61.3	119.5	73.2	48.1	73.2	74.7	88.0	72.8	29.8	59.0	42.4
2081	8	43.2	50.4	10.3	115.3	62.0	63.1	41.8	30.5	47.1	115.3	37.2	21.6	72.9	29.6	51.7	31.8	74.9	40.4	10.3	50.5	43.7	85.7	92.9	42.0	44.7	42.6	39.8	36.9
2081	9	58.7	73.0	19.4	209.2	209.2	58.9	111.9	106.0	60.2	69.9	129.0	39.3	108.4	19.4	42.0	54.9	44.3	52.3	132.7	38.8	31.1	45.2	111.7	58.4	42.0	62.5	91.9	33.0
2081	10	34.4	37.1	11.8	72.0	39.4	17.2	48.4	22.8	66.1	18.0	32.0	47.3	28.4	35.5	34.9	33.3	43.7	43.2	56.9	36.8	32.4	49.0	11.8	33.9	33.5	29.2	72.0	24.1
2081	11	35.9	37.1	14.3	60.9	49.9	36.4	17.9	29.3	26.7	49.3	27.2	44.7	14.9	51.5	53.5	26.9	44.5	40.4	57.1	14.3	39.4	33.4	60.9	32.7	35.4	32.8	28.8	43.7
2081	12	30.8	34.2	8.1	56.5	52.7	44.9	30.3	21.1	48.9	23.9	33.5	56.5	27.1	22.0	38.2	21.3	43.7	25.8	8.1	31.2	24.0	20.8	47.1	30.4	55.7	34.9	24.9	53.5
2082	1	26.6	29.0	9.8	50.6	21.1	10.0	29.3	47.9	43.9	19.6	21.1	22.0	18.3	21.5	34.8	50.4	32.3	50.6	26.4	23.6	22.7	26.8	42.6	12.9	31.0	36.7	39.7	9.8
2082	2	22.7	25.2	10.3	45.9	25.2	45.9	26.4	15.9	22.5	37.8	40.1	40.2	18.9	26.2	30.3	10.3	12.3	22.2	22.9	20.5	10.5	16.7	26.8	41.6	17.9	22.3	33.3	18.3
2082	3	25.1	24.6	8.4	48.1	30.1	24.1	8.5	32.4	34.1	43.4	43.8	12.5	3.4	10.8	19.3	48.1	25.1	23.6	37.3	26.5	20.3	19.2	32.7	25.2	12.0	10.7	15.0	16.6
2082	4	23.5	27.1	4.1	58.2	19.7	24.4	45.1	54.0	58.3	18.0	14.6	35.2	35.9	22.6	19.4	46.4	31.3	14.4	44.5	30.8	23.2	27.0	21.4	4.1	50.6	9.1	23.5	17.0
2082	5	34.4	37.3	9.7	67.5	26.1	34.9	39.2	23.7	62.0	26.8	5																	

2086	3	22.8	22.7	5.0	51.4	32.4	8.2	51.4	33.4	11.6	5.0	8.5	12.4	5.2	29.3	10.3	29.4	22.5	17.8	49.0	18.8	23.1	27.2	36.8	19.9	32.8	12.3	23.6	23.9
2086	4	20.5	22.1	3.6	45.3	41.6	9.4	9.4	34.6	18.3	45.3	25.9	33.5	3.6	25.5	17.6	4.7	17.6	34.8	24.2	19.3	26.8	14.3	22.8	14.3	29.8	15.3	21.7	19.3
2086	5	32.9	34.5	1.8	87.5	20.6	65.1	40.7	1.8	32.9	3.9	44.3	26.3	9.6	32.4	15.4	38.6	33.0	39.6	30.5	17.3	57.4	87.5	28.2	33.2	42.1	53.3	31.7	43.0
2086	6	59.9	61.8	8.4	145.8	78.1	39.3	105.4	51.2	61.3	59.4	59.2	8.4	81.4	60.4	145.8	23.8	86.3	48.0	100.8	65.6	59.2	73.2	96.1	31.0	16.4	47.0	67.7	18.1
2086	7	63.1	73.2	19.1	169.9	98.0	102.6	88.2	31.2	40.3	94.2	37.0	42.0	81.7	169.9	23.8	53.4	130.6	92.2	87.3	69.5	19.1	39.9	121.7	45.3	132.1	54.8	56.8	45.2
2086	8	57.1	61.6	17.0	145.2	63.8	38.7	72.2	60.7	53.5	145.2	21.5	37.3	50.2	32.2	104.9	17.0	69.2	42.3	85.6	46.6	67.7	85.4	75.1	24.9	41.5	96.7	46.1	101.0
2086	9	63.4	67.6	24.4	138.8	68.1	69.1	85.9	53.5	51.7	42.9	65.3	51.4	138.8	71.1	98.7	71.3	132.4	59.0	41.2	53.8	77.7	61.5	24.4	41.5	36.8	67.8	31.8	67.8
2086	10	38.9	41.9	8.6	93.8	26.9	88.1	49.3	40.4	39.4	21.1	8.6	93.8	23.1	14.9	19.8	69.7	30.8	31.0	39.5	49.0	57.4	21.0	31.9	47.7	59.4	38.3	32.5	71.5
2086	11	44.8	43.6	14.5	85.7	48.3	27.4	21.4	55.7	16.3	52.6	30.8	85.7	40.3	41.3	52.6	63.3	59.6	49.5	50.3	14.5	28.5	40.4	55.8	14.9	69.6	37.3	39.9	50.9
2086	12	28.7	30.8	12.2	52.7	49.2	28.6	52.7	23.8	45.8	25.7	33.9	18.8	21.6	34.1	37.5	42.2	41.6	12.2	21.9	16.3	43.4	50.2	16.8	20.6	31.7	17.6	28.7	23.7
2087	1	27.5	31.1	10.8	56.2	45.0	10.8	55.7	18.0	30.7	43.2	42.2	24.3	56.2	33.1	32.9	23.2	16.8	36.8	41.5	22.7	18.6	38.0	19.8	42.7	23.2	22.9	24.3	22.8
2087	2	20.6	26.7	6.3	68.4	51.6	19.5	16.4	32.9	29.2	17.9	39.3	7.9	30.3	8.2	59.2	21.3	14.7	6.3	34.1	10.1	68.4	19.3	25.3	19.9	29.5	52.1	9.5	18.3
2087	3	21.9	22.1	2.9	36.1	28.9	8.1	6.6	36.1	26.8	16.7	7.1	21.2	21.7	23.3	2.9	29.0	17.3	24.2	27.9	20.4	19.5	34.7	21.7	24.6	22.0	35.6	34.5	19.0
2087	4	21.1	22.8	5.9	58.8	58.8	29.3	8.4	8.1	32.8	16.3	22.7	15.8	25.5	6.4	25.0	17.8	22.5	44.3	46.3	5.9	17.2	29.4	19.7	15.4	28.7	8.6	27.5	14.7
2087	5	41.5	51.7	11.5	119.8	44.7	87.4	91.3	11.5	37.6	63.6	31.4	29.4	87.8	98.3	32.2	38.3	17.7	17.4	17.8	53.9	75.8	35.4	45.2	45.5	119.8	26.0	35.3	97.4
2087	6	56.1	56.8	20.6	121.8	60.4	45.4	121.8	32.4	35.2	33.8	60.6	43.0	54.0	58.1	105.9	73.1	60.0	45.7	71.6	20.6	59.0	35.4	59.6	46.4	47.8	58.9	37.7	98.0
2087	7	59.4	67.1	15.4	141.0	66.9	64.6	99.4	110.9	59.6	52.2	42.0	25.9	102.2	27.7	62.9	27.7	141.0	38.5	59.2	15.4	59.2	42.6	92.4	38.0	99.9	101.5	58.9	122.2
2087	8	58.2	62.5	20.1	125.3	60.4	107.2	35.5	92.5	56.6	30.3	106.7	26.7	73.7	57.8	78.8	53.7	41.1	51.9	85.3	42.9	68.4	70.7	125.3	44.4	20.1	43.6	58.5	67.8
2087	9	64.6	69.0	20.8	178.4	73.9	41.6	81.6	83.4	77.2	30.4	122.6	134.0	74.4	87.0	85.5	47.5	53.0	23.5	28.0	33.2	20.8	89.3	86.1	57.4	54.2	178.4	49.2	47.6
2087	10	59.9	39.4	12.0	92.0	57.3	46.8	12.0	14.4	48.6	14.1	72.5	92.0	49.8	32.3	75.9	20.3	27.5	44.5	17.5	90.4	34.5	36.6	43.6	35.2	18.5	71.5	20.2	19.2
2087	11	38.4	42.4	6.4	86.1	25.2	74.5	21.5	30.3	49.5	38.0	42.7	61.1	23.6	37.1	35.7	32.8	52.8	13.3	85.7	52.9	38.9	86.1	43.3	55.3	57.9	28.8	6.4	23.0
2087	12	32.5	33.3	12.8	63.4	38.7	23.7	30.4	49.0	32.3	24.4	15.6	23.0	36.0	32.4	41.4	18.2	63.4	32.6	18.5	35.4	46.8	50.6	51.6	42.2	39.9	19.3	12.8	20.3
2088	1	33.0	30.6	4.6	51.5	46.9	33.1	20.4	16.8	34.2	38.5	51.5	12.4	19.1	43.0	45.9	42.9	20.6	32.8	38.6	38.0	26.4	25.6	35.4	42.7	15.4	4.6	18.7	
2088	2	23.7	23.5	7.9	40.4	26.9	24.8	11.2	16.5	20.8	23.9	40.4	17.2	32.1	14.6	24.2	28.8	25.9	22.5	19.9	21.5	9.6	26.0	30.7	23.5	34.8	38.9	21.4	7.9
2088	3	22.2	23.6	7.9	51.4	17.9	38.5	21.1	13.2	31.4	51.4	12.7	15.7	22.8	22.2	36.3	7.9	22.8	26.5	43.5	28.4	18.4	12.7	11.1	22.1	36.0	26.3	9.1	19.2
2088	4	21.8	26.9	6.2	58.6	53.0	40.2	11.1	19.9	19.2	14.2	41.1	21.8	14.9	34.3	21.8	44.3	6.2	15.4	58.6	11.1	44.9	27.4	12.3	12.1	39.9	7.6	43.0	32.2
2088	5	40.7	40.4	11.1	94.7	32.4	12.0	23.9	23.1	14.0	28.2	11.1	83.5	94.7	41.1	67.2	52.3	41.1	40.9	28.5	57.4	40.5	30.5	51.4	49.5	15.7	43.4	66.6	20.9
2088	6	50.1	59.4	17.1	179.1	93.2	179.1	59.1	43.1	28.0	29.7	41.7	25.3	79.2	38.7	44.1	87.0	61.0	57.8	36.9	83.6	24.2	56.2	95.8	34.6	40.5	94.0	17.1	75.9
2088	7	89.6	83.5	9.2	180.1	180.1	122.7	116.1	105.3	26.7	124.0	39.2	9.2	90.8	105.0	92.3	88.8	149.3	85.4	55.3	79.1	34.8	89.6	89.5	45.2	30.8	97.2	25.8	121.0
2088	8	65.2	72.0	11.4	147.9	142.8	81.9	47.2	147.9	65.5	65.4	20.8	93.6	19.4	130.6	37.5	67.9	126.8	65.0	11.4	36.6	85.6	64.8	120.6	60.9	35.8	37.7	110.5	60.7
2088	9	65.5	62.4	9.0	126.0	68.5	74.1	83.0	51.1	107.6	74.1	126.0	68.6	100.6	48.6	39.0	12.9	84.1	59.1	22.9	80.3	68.1	48.9	42.1	28.5	81.0	63.0	19.6	
2088	10	43.3	42.2	10.3	69.1	69.1	28.6	35.0	10.3	37.3	54.4	35.0	44.4	28.6	35.0	29.7	43.5	27.5	44.1	48.2	40.2	54.7	44.1	48.2	24.7	25.2	42.4	57.1	
2088	11	43.2	44.3	18.7	111.6	63.8	44.3	35.0	54.1	57.6	34.2	62.9	111.6	43.7	22.0	51.4	25.6	21.2	29.3	52.5	18.7	42.7	43.6	56.7	35.1	42.9	38.1	25.5	61.3
2088	12	33.7	32.9	32.7	52.6	32.7	42.4	36.8	52.6	27.0	36.0	22.9	29.3	38.0	25.5	49.0	31.0	42.8	34.5	17.7	33.9	10.7	30.6	47.0	24.2	20.1	35.3		
2089	1	30.7	31.3	6.5	75.9	25.9	29.7	19.5	75.9	24.5	31.8	27.0	24.9	13.1	34.1	38.7	20.2	18.7	32.4	38.0	35.1	39.7	6.5	27.5	45.9	42.7	16.7	49.0	33.4
2089	2	24.6	24.7	8.7	43.6	36.6	8.7	19.7	12.6	24.7	24.8	38.2	24.3	22.8	17.8	28.2	17.6	28.3	27.1	19.9	32.0	26.2	25.5	28.9	28.6	21.8	15.8	19.0	43.6
2089	3	17.4	23.9	8.0	72.0	11.6	16.8	16.8	40.2	17.5	34.0	28.0	13.6	31.9	11.3	8.9	72.0	9.7	18.8	16.3	8.0	17.3	37.9	16.7	51.8	24.6	22.2	36.5	11.0
2089	4	18.2	22.1	2.4	64.4	8.9	16.4	24.9	41.0	31.3	26.0	14.6	26.9	17.2	3.9	24.8	15.1	19.1	11.6	17.1	5.9	2.4	50.2	64.4	25.0	7.6	33.7	26.0	16.4
2089	5	38.4	39.3	1.8	83.3	42.1	29.8	70.8	27.9	8.6	33.4	39.8	11.1	83.3	1.8	81.2	36.3	37.9	33.8	54.7	40.2	38.9	39.1	45.0	27.0	29.1	50.1	50.4	29.9
2089	6	53.1	55.5	13.2	148.2	21.4	91.3	80.0	148.2	67.2	42.4	29.2	46.5	24.1	81.3	51.6	66.7	57.4	56.6	44.3	15.2	70.6	49.1	36.2	63.2	54.4	13.2	38.6	83.8
2089	7	66.0	67.5	22.4	139.0	22.4	56.8	66.6	65.3	78.0	60.2	22.4	74.8	89.9	42.3	32.0	34.5	68.9	77.0	80.1	49.6	74.6	105.3	48.6	138.4	121.7	139.0	38.4	33.9
2089	8	47.0	55.9	28.4	162.7	44.8	35.8	89.0	46.7	31.2	65.5	44.9	32.8	54.3	57.6	46.7	28.4	74.9	62.5	47.2	162.7	60.5	79.3	42.6	40.7	29.0	71.8	34.2	59.6
2089	9	65.2	67.9	13.8	128.2	65.2	28.1	65.3	100.6	30.1	67.7	13.8	40.5	31.4	83.8	64.5	90.2	59.5	109.1	68.9	90.2	89.6	46.3	128.2	112.0	43.0	84.0	42.4	74.3
2089	10	39.5	41.5	19.6	74.1	40.8	44.4	46.6	41.6	34.6	44.3	27.9	23.8	34.1	41.0	49.7	19.9	58.9	70.8	39.0	31.5	39.6	36.2	27.6	50.1	74.1	21.8	37.4	110.0
2089	11	35.8	36.4	10.3	62.8	29.6	36.6	35.0	16.7	31.1	82.8	58.2	13.8	19.0	61.8	43.4	29.9	47.6	55.7	21.8	40.6	53.4	40.6	25.3	23.1	77.7	20.9	45.9	32.0
2089	12	31.4	34.9	8.9	73.4	73.4	27.4	28.4	25.2	43.5	54.3	32.																	

2093	10	42.4	38.6	9.0	65.7	48.1	25.7	30.3	46.2	12.0	12.7	27.1	48.2	45.5	21.1	51.0	65.7	9.0	48.6	57.8	41.1	59.1	61.5	28.5	51.8	30.7	28.7	43.7	31.5	
2093	11	33.6	35.7	13.6	64.3	32.3	35.1	13.6	50.6	45.1	64.3	50.0	14.8	39.7	19.7	58.5	35.7	32.0	51.4	29.9	25.9	51.5	34.8	20.1	52.0	20.2	25.2	30.5	23.2	
2093	12	33.6	35.8	18.2	76.8	23.9	33.4	26.1	27.1	37.3	28.0	18.2	46.1	34.1	34.8	25.3	46.5	56.6	21.6	19.6	33.8	39.8	37.5	30.0	52.6	32.2	52.3	24.5	35.3	
2094	1	29.2	29.1	10.4	48.6	34.7	20.5	21.5	48.6	43.4	25.9	34.2	45.4	40.4	25.6	29.7	24.6	31.4	16.1	13.1	28.8	26.3	18.4	30.8	36.2	42.1	32.8	23.1	34.7	
2094	2	23.0	25.5	9.6	46.3	21.2	22.4	20.3	22.8	9.6	13.6	46.3	31.6	28.0	10.7	22.7	18.8	43.8	19.2	23.1	19.1	39.5	24.1	21.2	37.2	37.0	28.2	25.5	25.7	
2094	3	18.8	20.3	4.2	50.2	22.1	18.7	6.7	27.3	10.6	12.9	11.7	18.9	4.2	11.6	33.5	35.0	10.5	15.8	40.2	9.1	20.2	26.3	17.3	23.5	50.2	23.8	15.8	20.9	
2094	4	24.4	27.2	9.2	62.7	24.8	14.3	11.9	16.0	43.5	11.9	18.2	24.5	39.0	13.4	38.5	62.7	18.4	10.5	48.3	9.2	35.0	39.0	37.6	24.3	21.4	52.2	26.5	23.8	
2094	5	40.8	43.6	5.3	89.1	65.2	19.9	7.8	30.8	23.6	42.6	41.6	45.1	78.3	23.7	25.7	98.1	89.1	40.0	51.3	5.3	55.6	57.0	33.9	27.3	72.1	35.8	23.4	11.6	
2094	6	53.7	57.8	18.5	123.7	31.3	87.9	95.5	46.0	82.6	24.8	68.2	46.8	123.7	46.2	38.0	21.6	35.0	53.5	54.5	86.8	103.5	52.2	69.9	62.6	53.8	61.1	24.2	18.5	
2094	7	67.3	70.6	14.4	140.6	66.6	53.3	83.9	39.5	91.2	83.5	41.7	73.7	86.8	119.9	64.1	14.4	62.6	79.8	38.8	58.0	51.5	46.9	78.0	140.6	106.1	48.1	68.1	43.9	112.9
2094	8	47.7	53.7	6.8	151.7	69.9	42.9	63.8	16.7	37.3	26.6	36.0	34.6	59.7	56.6	49.6	77.9	6.8	75.4	48.0	94.1	38.0	70.0	151.7	36.1	32.4	89.8	47.3	26.6	
2094	9	68.3	70.3	22.2	154.4	84.6	63.4	45.0	75.1	98.1	154.4	46.7	33.7	71.5	61.5	88.7	42.1	90.1	98.2	144.9	31.0	89.4	73.9	22.2	37.4	42.3	102.9	36.0	49.8	
2094	10	38.2	43.7	17.3	86.8	32.2	39.0	35.6	66.9	69.4	26.3	30.2	81.1	32.1	46.8	41.2	28.3	44.5	65.0	86.8	54.0	35.9	29.2	17.3	23.2	33.9	46.5	37.4	44.8	
2094	11	44.0	41.8	14.2	65.3	46.2	47.6	38.0	43.2	28.8	54.8	43.8	50.4	64.6	47.1	44.2	24.0	27.5	54.1	55.4	38.3	45.3	60.3	65.3	23.6	36.8	14.2	15.6	34.0	
2094	12	33.1	35.1	16.2	59.1	53.2	23.3	27.3	38.8	25.7	59.1	21.6	22.1	46.2	30.2	41.4	43.9	23.7	34.0	39.9	36.6	19.6	31.1	52.5	46.3	32.2	30.2	16.2	47.6	
2095	1	28.2	29.2	10.3	63.2	33.6	29.1	15.7	28.0	22.6	19.1	29.0	31.1	38.5	25.9	45.0	63.2	39.5	30.7	45.0	28.0	19.4	46.9	26.8	14.1	10.3	18.7	28.4	11.6	
2095	2	25.1	25.0	8.3	52.8	22.1	8.3	13.7	13.6	16.8	25.5	40.4	37.5	10.6	24.6	11.2	40.1	27.6	25.7	33.5	22.2	27.3	25.8	24.8	26.5	25.5	12.9	52.8	36.5	
2095	3	16.0	19.3	3.8	44.3	20.1	27.0	16.0	20.3	43.9	15.9	8.7	34.1	9.0	15.2	5.4	44.3	23.3	9.0	3.8	10.7	21.7	31.2	8.4	18.8	24.7	10.9	41.5	13.7	
2095	4	18.2	22.0	8.0	57.4	19.6	35.2	10.4	28.3	19.2	29.9	8.4	40.0	25.7	38.7	13.2	13.9	47.2	33.6	14.5	27.8	15.1	30.5	24.9	16.0	16.9	15.3	10.0	10.0	
2095	5	46.2	48.4	9.2	121.1	44.3	65.4	71.7	31.6	50.0	49.3	46.4	59.0	21.0	24.8	47.7	121.1	93.6	46.0	23.0	9.2	11.7	60.8	35.0	28.5	78.2	40.3	31.0	71.7	
2095	6	75.2	71.6	23.1	121.8	57.3	119.9	97.5	23.1	98.7	57.6	68.6	74.0	27.9	93.0	79.5	76.4	121.8	112.3	47.3	88.4	85.2	34.7	85.6	44.9	62.6	36.8	78.3	49.5	
2095	7	67.6	73.6	23.1	158.3	66.3	158.3	61.6	54.6	73.0	92.0	23.1	91.1	65.0	59.0	56.2	42.9	93.5	69.2	23.7	82.0	66.5	73.8	64.0	113.4	148.6	92.3	68.8	27.5	
2095	8	59.6	61.5	24.6	135.6	79.5	69.5	59.7	37.5	69.7	87.5	26.5	37.7	42.1	98.2	50.2	59.5	24.6	35.8	46.6	60.7	34.2	60.4	135.6	75.5	52.1	69.5	56.7	108.0	
2095	9	59.5	66.7	23.1	131.8	61.6	81.8	78.2	26.2	102.9	96.6	29.4	41.2	50.0	55.3	108.7	42.7	73.5	36.1	96.6	77.8	57.5	23.1	116.0	54.9	131.8	40.5	61.8	57.1	
2095	10	41.6	40.8	18.8	64.1	47.9	55.0	26.7	33.1	56.0	61.0	64.1	42.2	38.5	30.7	47.9	18.8	23.8	27.4	50.6	28.9	34.3	50.6	51.5	22.2	44.4	59.8	40.9	23.4	
2095	11	38.8	38.8	7.5	81.0	27.9	26.4	48.5	27.6	26.0	50.0	45.9	36.7	37.6	17.1	15.5	46.4	51.4	59.2	81.0	31.2	45.6	59.1	40.0	7.5	47.8	49.1	30.5	22.8	
2095	12	32.0	29.3	5.7	51.5	37.6	26.5	31.4	39.8	37.2	51.5	5.7	38.2	17.3	39.6	49.7	36.2	10.5	19.0	32.7	12.6	41.5	32.5	24.1	12.6	41.5	32.5	24.1	16.6	19.2
2096	1	28.3	30.8	11.9	58.9	33.4	35.5	11.9	46.7	14.9	47.3	36.0	13.6	20.1	40.9	28.4	25.6	28.2	26.3	19.1	49.8	23.6	44.6	43.4	58.9	29.9	12.3	21.1	26.2	
2096	2	22.0	22.6	8.1	40.8	29.1	27.8	20.6	17.2	19.6	14.6	22.9	33.4	21.5	25.5	15.1	15.7	20.6	24.6	16.6	23.3	15.3	37.0	40.8	32.5	8.1	25.4	22.5	13.7	
2096	3	21.7	23.9	8.0	65.5	27.8	65.5	15.4	10.4	34.0	15.2	33.7	31.4	19.2	16.4	32.2	24.3	9.6	24.4	19.0	24.2	42.0	32.8	40.6	11.0	8.0	10.2	12.5	13.1	
2096	4	23.5	24.9	4.0	51.2	14.8	11.5	35.1	26.8	30.8	11.1	25.7	39.8	51.2	4.0	20.2	29.8	17.6	25.4	34.2	19.9	27.0	29.6	17.9	49.8	9.8	20.5	21.9	21.9	
2096	5	32.3	37.7	16.1	87.3	39.8	47.5	32.3	22.5	28.1	17.2	52.6	37.8	23.6	21.6	60.6	60.6	73.5	44.1	16.8	16.1	30.1	37.3	38.3	34.1	83.3	32.8	34.4	75.9	
2096	6	50.3	61.5	12.8	138.5	96.5	116.8	109.0	94.4	25.4	62.9	46.7	34.7	81.4	24.0	25.1	37.7	69.1	86.7	12.8	53.9	41.4	40.6	42.9	67.4	138.5	129.9	72.4	149.9	
2096	7	73.6	76.2	30.6	137.4	44.9	53.7	59.9	104.6	84.4	55.7	45.9	50.5	60.5	79.9	137.4	40.9	71.0	78.8	95.3	30.6	95.1	71.9	94.5	117.2	118.9	74.5	103.8	22.7	37.3
2096	8	57.5	67.4	12.1	174.5	25.6	137.2	53.1	95.9	12.1	71.4	28.1	22.3	105.5	90.9	140.9	30.2	40.9	38.3	99.4	18.1	81.8	46.6	86.9	75.7	33.9	45.4	61.9	174.5	
2096	9	54.8	57.4	21.3	143.9	143.9	48.5	70.0	60.6	53.8	21.3	86.0	55.7	79.3	22.1	38.9	28.8	29.6	33.5	40.6	56.0	64.1	30.4	75.7	59.4	100.8	35.3	41.7	102.4	
2096	10	42.9	43.5	9.9	89.2	43.4	37.4	19.3	37.8	89.2	32.6	73.2	46.7	37.8	56.7	9.9	43.7	35.5	27.6	41.1	45.8	56.1	53.6	33.1	52.1	24.3	13.1	51.9	42.4	
2096	11	41.8	41.1	12.1	86.7	40.6	54.2	25.2	22.7	47.2	44.9	34.7	40.4	56.5	20.7	30.9	56.7	45.5	49.9	40.8	20.0	36.9	12.1	43.4	44.2	54.1	23.9	42.7	35.0	
2096	12	32.9	35.2	15.6	96.3	17.6	20.1	21.8	36.3	56.8	29.8	96.3	29.1	28.0	36.4	25.0	28.5	24.9	36.6	24.3	15.6	44.7	51.5	39.4	36.0	21.8	44.3	38.5	42.4	
2097	1	22.1	24.4	8.3	54.9	23.3	27.6	18.3	8.3	17.6	23.0	21.8	22.2	51.3	9.9	14.7	23.9	39.3	10.2	46.6	54.9	22.0	14.3	22.4	15.6	29.4	33.2	18.9	17.9	
2097	2	22.1	24.6	7.9	46.6	24.7	18.4	26.7	26.4	39.4	30.8	39.0	11.8	13.6	13.3	42.7	42.3	11.0	28.6	46.6	18.6	21.4	13.3	22.4	21.9	41.0	7.9	20.1	8.8	
2097	3	22.2	24.1	6.9	45.1	39.1	16.1	32.2	23.1	25.3	21.2	23.5	19.9	39.3	18.9	33.2	6.9	7.7	18.2	35.4	45.1	21.3	7.2	23.1	33.9	18.8	19.8	19.0	31.1	
2097	4	31.0	29.5	7.0	54.1	19.1	16.0	44.8	16.6	30.2	24.6	29.6	16.6	39.8	14.3	16.7	44.2	13.8	39.2	40.4	31.8	19.6	7.0	54.1	36.8	32.9	33.9	47.9	39.2	
2097	5	45.2	40.7	7.2	87.6	24.4	46.0	45.2	27.6	45.4	29.6	46.6	12.1	87.6	29.9	36.4	49.0	68.3	45.8	55.3	45.1	55.0	37.1	7.2	62.1	65.8	12.1	17.9	99.2	
2097	6	60.3	62.4	22.6	123.4	58.7	89.5	23.4	58.7	89.5	23.4	58.7	33.8	22.7	127.6	27.9	57.2	24.0	41.8	42.6	41.1	61.8	94.7	37.3	86.5	70.8	36.5	42.0	78.9	
2097	7	63.1	65.4	22.3	158.8	158.8	71																							



2018	2	3.9	4.5	1.8	10.6	2.7	3.6	4.2	4.6	3.7	3.4	3.7	8.6	4.0	5.7	5.1	3.9	4.2	10.6	2.7	3.5	3.9	3.3	3.7	6.8	4.8	1.8	4.1	6.5	
2018	3	5.0	6.4	0.9	14.7	3.2	5.2	4.8	1.5	5.9	14.7	9.1	9.4	4.0	0.9	4.2	3.7	3.3	12.0	8.9	8.5	12.4	2.0	14.4	4.5	8.1	2.4	4.1	5.8	
2018	4	5.3	6.7	2.2	16.0	2.7	11.6	12.9	5.8	3.6	2.2	4.7	6.4	5.5	2.9	12.5	5.9	8.2	4.1	16.0	13.3	5.1	4.2	4.4	7.7	3.3	5.2	8.4	3.6	
2018	5	6.8	8.0	2.4	22.3	3.9	8.6	12.9	3.6	6.9	4.4	2.5	7.7	4.2	9.4	7.3	22.3	13.5	6.0	2.4	5.1	11.9	7.0	6.7	13.3	13.3	5.9	6.6	5.6	
2018	6	10.2	12.3	4.4	23.9	9.7	8.6	4.4	8.8	13.4	14.9	8.1	9.7	9.3	9.0	23.9	13.4	9.7	12.1	6.9	18.8	7.6	20.5	22.7	10.6	8.9	20.4	12.3	11.7	
2018	7	14.2	15.8	7.4	34.9	17.8	7.6	14.1	12.4	8.2	16.6	14.4	8.3	8.5	12.5	34.9	10.5	15.1	16.5	17.3	9.6	32.9	16.8	13.3	27.1	7.4	13.3	29.4	15.7	
2018	8	12.4	14.7	5.8	37.9	19.2	8.8	8.8	9.8	25.2	16.6	10.3	10.3	15.9	35.9	5.8	14.4	8.9	25.6	17.3	6.6	27.7	17.8	20.6	9.8	9.2	37.9	15.1		
2018	9	15.1	14.9	4.9	15.7	6.7	17.2	22.7	15.1	13.5	8.8	16.0	16.6	16.6	21.0	18.2	17.5	4.9	10.4	16.7	18.8	13.2	11.0	15.1	25.7	9.9	14.4	18.1	14.1	
2018	10	7.5	7.3	1.0	18.3	7.4	1.0	8.9	3.1	2.3	6.0	7.6	18.3	8.6	8.1	4.7	5.2	11.3	5.5	14.3	5.9	8.5	2.8	3.2	10.2	7.9	8.9	9.2	6.4	
2018	11	6.5	7.3	1.7	14.8	1.7	10.3	7.8	8.7	5.7	9.3	10.6	5.1	6.3	4.6	7.5	6.8	5.6	3.1	8.4	12.3	14.8	9.4	5.1	13.0	6.3	4.0	4.7	5.4	
2018	12	5.2	5.7	2.8	11.9	7.5	2.8	4.1	3.1	5.7	6.1	5.0	6.1	3.7	8.2	3.2	5.3	11.0	5.0	9.3	6.0	4.9	3.6	5.9	3.7	6.0	4.8	4.0	11.9	
2019	1	4.3	4.7	1.5	7.6	3.6	6.3	7.6	2.6	7.2	3.4	6.1	4.1	6.4	3.1	6.5	1.5	3.9	1.9	6.5	3.5	3.8	3.7	5.8	5.2	4.4	3.9	4.5	6.2	
2019	2	4.3	4.3	1.5	8.6	1.5	6.0	8.6	5.4	4.0	4.6	2.2	3.0	2.5	4.5	5.2	2.4	5.3	4.1	4.1	3.9	6.0	4.7	2.7	7.6	5.5	4.7	2.4	2.7	
2019	3	5.3	5.5	1.8	11.3	5.4	5.1	4.2	7.3	11.3	3.0	6.4	6.3	5.3	3.6	1.8	4.7	2.1	2.3	7.6	5.7	9.1	10.0	2.6	4.5	11.0	5.5	5.9	2.2	
2019	4	5.1	8.0	1.2	22.0	4.2	2.6	9.7	14.1	3.3	4.8	20.1	3.9	5.4	9.5	3.2	17.6	3.4	11.8	1.2	9.2	13.0	5.8	3.5	2.1	15.6	2.8	22.0	3.2	
2019	5	9.2	9.7	3.2	21.1	13.3	4.3	7.1	6.5	13.6	4.2	12.4	21.1	3.3	9.7	3.2	15.4	9.1	4.6	10.4	4.2	9.1	7.8	15.4	14.0	13.6	9.3	5.7	14.7	
2019	6	11.8	11.3	2.1	22.1	10.3	6.2	11.3	12.8	15.3	13.8	11.9	15.7	14.4	22.1	10.0	2.3	14.2	14.7	19.1	8.7	5.9	10.2	11.6	2.1	6.2	7.2	13.7	12.1	
2019	7	14.7	16.2	9.2	38.3	19.8	9.2	18.9	11.3	11.5	16.7	38.3	13.3	14.7	23.8	13.3	10.1	11.9	9.8	11.5	19.9	10.1	16.1	23.0	21.9	9.4	23.2	16.4	18.3	
2019	8	11.0	14.5	3.4	34.5	8.3	16.2	9.2	10.4	15.9	20.5	10.8	31.3	18.0	8.2	34.5	3.4	6.6	26.6	16.3	7.0	14.6	9.6	11.2	6.3	9.4	6.0	32.3	17.9	
2019	9	12.4	12.4	4.0	24.8	18.6	7.0	16.7	9.7	4.0	4.4	24.8	17.3	21.7	8.9	5.1	11.3	13.0	9.4	13.9	13.5	8.9	13.7	14.9	18.2	10.2	11.8	7.9	13.5	
2019	10	7.1	7.5	4.0	17.1	6.5	4.5	5.3	4.7	5.5	6.6	6.6	4.6	9.0	8.2	7.9	7.5	13.9	4.6	17.1	8.1	5.9	10.1	4.5	7.9	4.0	9.4	8.2	8.8	
2019	11	5.9	6.9	2.5	16.1	8.6	6.0	7.7	5.9	8.3	14.3	3.0	10.0	6.9	8.7	5.9	5.8	11.2	5.4	5.6	7.3	3.9	3.6	2.6	2.5	16.1	5.5	8.8	2.5	
2019	12	4.8	5.4	1.7	11.5	5.3	6.1	4.1	7.0	10.5	5.7	8.5	6.8	7.5	11.5	3.4	4.2	5.2	4.0	4.1	2.1	3.7	4.2	3.5	8.6	6.1	3.3	1.7	4.4	3.2
2020	1	4.7	5.2	2.4	11.2	5.7	6.1	2.4	4.4	4.8	4.7	5.0	4.5	6.0	11.2	4.5	4.6	4.9	6.6	4.4	3.6	6.5	3.7	3.0	2.6	4.6	5.7	5.8	8.3	
2020	2	4.0	5.3	1.4	20.4	4.0	20.3	5.7	4.1	2.6	3.4	4.9	6.1	2.8	7.2	3.4	3.9	20.4	3.8	4.1	2.7	3.0	3.0	2.2	4.6	1.4	4.9	5.0	3.4	
2020	3	4.7	6.1	1.6	16.4	4.6	4.4	4.6	4.8	5.9	9.1	4.6	8.5	4.2	4.1	4.6	10.1	4.0	5.8	6.5	1.6	2.9	7.3	7.7	5.1	16.4	12.8	3.4	4.1	
2020	4	5.6	6.7	1.2	17.3	11.1	3.5	3.0	4.7	5.8	4.2	3.9	2.7	8.0	7.8	2.3	17.3	6.3	7.2	5.4	1.2	4.8	13.0	16.9	4.9	6.1	9.8	4.8	6.6	
2020	5	12.7	12.2	3.7	24.5	3.7	7.8	14.4	6.4	12.0	13.6	18.7	10.0	18.8	20.4	24.5	7.4	22.7	4.9	9.9	14.2	4.4	9.7	14.3	4.6	13.8	4.1	13.3	19.3	
2020	6	9.0	11.3	2.4	30.8	10.6	19.1	6.1	9.6	8.9	11.3	4.7	22.7	25.1	2.4	8.0	5.6	30.8	6.4	12.0	15.3	7.4	6.3	4.0	8.0	6.0	9.1	21.4	9.3	
2020	7	12.9	15.7	4.4	39.0	11.8	10.9	6.2	14.1	16.0	8.4	7.8	8.6	7.8	39.0	5.7	14.7	4.4	30.9	9.5	18.8	27.0	16.6	30.7	9.6	14.0	26.7	28.2	9.5	
2020	8	11.9	15.8	6.0	47.6	7.9	6.0	14.0	27.4	27.4	19.4	31.9	12.0	7.7	11.2	15.8	9.2	8.9	17.6	13.3	11.8	7.0	19.9	28.1	6.7	8.6	9.1	47.6	10.3	
2020	9	15.3	14.8	5.6	32.8	6.7	16.2	9.6	18.9	7.8	10.0	6.6	16.2	15.1	15.4	16.5	20.7	16.1	6.6	10.1	18.9	8.1	5.6	15.1	32.8	13.5	30.6	20.3	17.8	
2020	10	7.5	8.0	3.4	18.2	6.2	8.3	12.4	5.2	18.0	9.4	3.9	6.5	9.1	18.2	6.9	8.1	9.9	5.3	7.8	7.1	7.9	3.5	3.4	7.9	3.4	7.9	9.3	9.3	
2020	11	6.4	7.0	2.1	14.2	9.0	6.3	4.4	5.4	6.6	9.3	7.3	3.7	6.3	6.3	4.5	6.6	5.5	5.0	11.9	8.1	3.4	5.2	5.5	12.2	7.2	10.9	2.1	10.6	
2020	12	5.3	6.0	2.6	13.0	2.9	4.3	10.2	7.0	6.3	5.1	12.0	4.1	9.7	13.0	2.6	3.4	5.5	4.7	3.6	3.9	5.7	3.3	9.0	3.3	6.8	2.9	5.7	8.4	
2021	1	4.4	5.1	2.2	15.5	6.7	4.3	2.4	5.3	5.2	4.2	7.2	5.1	8.1	6.9	3.2	3.8	6.0	4.6	5.3	4.0	3.5	4.3	4.0	2.6	4.5	3.7	15.5	2.2	
2021	2	3.8	3.8	1.4	7.3	5.3	2.1	2.0	3.5	2.0	2.7	4.7	6.4	2.8	2.9	4.6	1.4	3.7	4.1	5.5	2.7	7.3	2.8	4.5	4.7	5.9	4.1	3.8	1.9	
2021	3	5.0	5.6	1.6	14.6	4.4	5.7	2.1	1.6	11.2	5.3	2.8	2.4	3.2	4.8	4.9	5.2	8.8	6.1	10.6	5.5	4.7	7.4	8.6	14.6	6.8	2.2	2.1	4.4	
2021	4	4.8	6.3	0.9	14.8	1.9	3.7	14.8	13.0	8.2	3.8	7.6	3.2	7.3	5.2	1.8	14.2	0.9	4.3	14.1	9.3	4.3	5.3	4.2	2.2	3.9	2.6	9.2	6.9	
2021	5	6.9	7.8	3.6	15.5	5.9	5.8	9.9	6.9	11.5	5.5	11.9	4.4	6.9	12.9	4.5	9.4	8.1	4.2	5.5	13.4	3.6	8.1	3.8	10.0	6.8	6.8	6.8	15.5	
2021	6	12.5	13.0	2.4	25.9	22.6	22.4	12.2	10.4	6.1	4.9	12.5	15.8	5.4	13.6	13.6	13.7	6.0	2.4	17.7	3.8	8.8	25.9	25.8	12.2	19.0	15.1	9.6	9.6	
2021	7	15.0	15.9	7.3	28.5	9.8	11.5	7.4	14.2	11.4	13.9	15.8	8.5	28.1	8.7	20.3	25.7	14.4	17.1	7.3	19.8	28.5	15.7	16.4	26.9	22.2	9.4	18.5	10.9	
2021	8	11.7	15.1	6.4	39.5	10.9	19.7	9.2	6.7	29.1	30.6	22.3	13.5	11.2	39.5	17.8	18.4	9.5	7.1	9.8	19.9	6.4	12.7	7.2	8.4	12.2	11.2	18.0	10.8	
2021	9	10.4	11.9	2.1	34.1	8.8	11.1	6.2	9.5	2.1	34.1	8.6	15.2	11.6	18.0	11.8	12.8	9.5	9.2	8.3	15.2	4.6	10.2	30.9	12.5	10.5	10.5	10.5	10.5	
2021	10	6.3	6.6	2.3	14.5	5.1	4.8	14.5	11.5	2.3	31.6	5.5	7.6	4.7	5.3	8.5	6.0	6.0	7.8	7.4	7.4	7.8	7.3	7.8	7.3	2.8	8.3	6.6	6.6	
2021	11	5.6	6.5	1.8	14.4	4.8	2.8	2.9	5.7	3.6	5.3	7.4	5.9	13.5	12.7	1.8	7.1	2.8	14.4	5.8	1.8	5.3	11.5	6.8	2.7	4.7	8.8	11.5	5.9	
2021	12	4.2	6.0	2.0	18.2	2.0	3.7	2.3	7.7	7.8	4.6	8.5	5.5	6.7	3.7	3.8	8.3	3.3	18.2	2.9	5.0	3.4	3.1	11.8	3.4	3.3	9.9	10.6	10.6	
2022	1	5.0	5.5	1.9	13.0	5.2	3.7	6.9	2.2	6.3	8.7	6.8	3.7	4.7	3.0	4.8	5.7	6.7	8.2	4.8	13.0	3.7	4.0	1.9	3.5	7.6	4.8	5.5	5.8	
2022	2	3.7	5.1	2.0	17.3	3.6	3.7	2.1	2.0	2.7	2.8	5.1	17.3	4.4	5.1	6.7	4.1	6.5	13.1	10.5	2									

2025	9	12.4	14.5	6.4	31.4	23.8	8.4	12.2	9.6	15.4	9.4	14.2	11.0	12.6	14.8	20.1	13.3	6.4	8.2	9.7	8.3	22.8	11.7	24.9	18.9	31.4	21.9	11.3	6.7	
2025	10	7.5	8.5	1.8	24.8	6.8	19.3	19.3	1.8	8.0	9.3	5.3	24.8	4.8	7.1	6.9	7.9	2.1	8.7	9.5	8.2	6.6	10.9	8.4	6.7	9.0	3.7	4.9	4.6	
2025	11	5.8	6.7	2.5	15.0	7.2	4.5	5.0	5.2	4.0	12.0	9.5	15.0	2.5	6.1	6.6	5.5	7.6	5.0	4.5	5.2	6.2	7.9	7.8	7.8	13.7	3.5	4.0	4.1	
2025	12	4.7	6.1	1.7	22.4	4.9	3.3	2.2	9.2	10.9	2.5	3.6	8.4	4.4	3.9	2.9	6.1	8.6	2.6	6.0	4.4	6.0	1.7	3.6	12.8	5.8	7.3	3.6	22.4	
2026	1	4.6	4.8	1.1	13.5	3.9	6.3	4.4	3.1	5.9	3.3	3.4	5.1	13.5	5.5	2.2	5.2	6.0	5.5	4.9	6.9	1.1	4.0	3.8	8.6	3.0	5.4	1.5	4.1	
2026	2	3.4	4.2	1.4	19.0	2.8	4.5	6.5	19.0	5.0	3.7	5.0	4.0	1.6	4.7	2.8	3.2	1.7	3.3	4.3	3.3	3.3	6.4	3.4	2.9	2.2	1.4	3.6	2.5	
2026	3	4.6	6.2	0.8	16.2	3.5	1.9	4.9	16.2	10.4	1.8	5.0	3.8	1.8	0.8	4.9	14.4	4.2	15.4	10.4	7.2	3.0	4.4	9.1	4.7	4.5	2.5	8.4	2.0	
2026	4	5.1	6.0	2.9	15.2	10.4	4.5	4.9	5.1	7.9	4.1	6.2	6.9	3.8	4.7	2.9	4.7	5.2	8.3	7.4	3.5	2.9	5.4	6.6	2.9	4.0	15.2	5.1		
2026	5	10.1	11.0	3.1	26.5	10.5	7.3	7.1	9.1	20.3	13.8	4.6	5.7	3.1	12.7	7.3	12.0	26.5	10.0	10.2	9.2	6.9	10.6	17.1	10.3	14.0	8.6	6.4	19.5	
2026	6	10.2	10.7	3.5	19.9	9.4	13.4	15.1	12.4	10.6	10.1	15.9	7.8	10.2	6.6	6.6	4.6	5.2	9.5	10.6	18.0	8.5	3.5	17.2	19.9	5.4	13.7	9.0	12.4	
2026	7	12.4	16.4	4.9	63.3	6.9	12.7	23.1	5.7	6.7	11.3	14.6	13.2	17.1	12.6	56.6	4.9	9.9	5.6	21.0	17.3	63.3	11.0	26.5	13.8	6.0	10.7	11.7	12.2	
2026	8	14.2	16.0	4.2	36.9	13.4	16.2	12.3	23.9	17.6	10.1	16.4	18.0	13.2	18.1	13.8	8.2	10.1	8.4	13.3	24.5	7.6	13.8	36.9	27.3	14.6	22.3	18.6	4.2	
2026	9	14.2	15.9	3.6	30.8	11.2	24.1	27.2	9.4	25.4	21.9	18.8	30.8	12.2	14.7	21.4	17.5	13.0	10.4	23.8	13.7	3.6	23.8	10.8	6.6	8.5	16.7	4.2	11.9	
2026	10	7.8	8.0	3.4	17.6	17.6	12.3	7.3	9.1	4.8	6.6	11.3	4.1	10.1	4.4	9.7	6.9	9.3	3.7	9.5	6.5	8.5	8.1	7.3	5.3	7.8	10.0	3.4	7.8	
2026	11	5.8	6.5	1.9	12.4	5.7	10.0	9.0	5.6	3.6	12.4	10.1	5.9	2.1	5.1	7.3	5.3	3.1	5.5	5.6	6.0	7.1	4.2	9.2	9.8	9.1	1.9	5.6	6.7	
2026	12	5.7	6.1	2.0	17.6	8.3	3.6	3.5	8.2	11.8	2.4	5.6	2.0	8.9	6.3	7.9	5.9	3.6	4.3	3.8	7.0	2.4	4.7	4.9	3.4	6.0	17.6	5.9	8.2	
2027	1	4.7	5.4	3.0	13.1	5.6	7.9	13.1	4.1	4.4	3.2	5.0	8.4	4.9	3.0	3.9	3.0	5.2	3.6	9.0	3.4	3.6	8.4	3.2	4.2	6.0	7.1	5.0	3.9	
2027	2	4.0	4.4	1.6	11.4	3.6	3.3	7.6	5.5	2.5	4.5	4.5	3.5	2.0	4.0	4.4	3.8	8.6	6.1	4.1	3.0	5.2	3.0	2.2	2.0	3.5	5.3	11.4	1.6	
2027	3	4.7	5.3	2.6	12.9	6.1	3.1	5.2	6.3	6.0	5.0	3.5	7.0	7.9	5.4	3.6	12.9	5.1	2.8	3.8	3.5	4.1	2.6	3.4	8.3	3.3	4.4	6.7	4.2	
2027	4	4.0	4.8	1.2	14.5	1.9	6.6	7.9	2.9	6.4	3.8	3.5	6.0	1.9	1.2	11.7	3.4	4.8	1.9	3.1	7.0	4.6	3.8	4.1	5.5	14.5	2.5	5.4	1.3	
2027	5	9.6	10.0	0.7	27.5	6.1	5.4	5.1	4.5	8.1	11.0	11.5	11.1	9.9	9.8	24.7	27.5	9.7	9.4	13.4	2.8	22.2	7.2	10.6	6.6	6.8	10.6	9.6	0.7	
2027	6	13.7	16.5	2.0	64.7	24.7	22.5	37.9	6.1	13.7	10.8	10.3	16.9	2.0	5.4	35.2	5.7	8.7	16.0	7.8	3.2	13.7	8.6	19.0	22.0	6.8	14.2	20.6	64.7	
2027	7	14.9	14.8	4.7	29.6	17.9	8.8	20.9	15.9	22.1	15.5	11.3	11.2	22.4	7.1	16.8	10.5	14.1	14.8	8.5	15.3	13.4	10.7	29.6	14.9	24.0	10.3	15.2	4.7	
2027	8	10.9	13.8	4.8	34.1	10.9	22.2	12.4	10.5	14.8	34.1	11.0	8.1	10.8	33.0	12.5	11.5	7.0	8.5	7.0	8.0	26.3	12.1	10.1	4.8	10.1	25.8	8.8	10.3	
2027	9	14.2	16.1	7.6	62.5	7.9	23.3	17.6	7.8	10.3	13.7	62.5	14.3	17.6	21.0	15.0	7.6	17.8	14.2	14.9	13.9	9.2	14.1	9.9	10.4	30.3	8.6	10.5	14.9	
2027	10	6.7	7.7	2.6	18.2	2.6	5.1	7.1	6.4	4.2	4.2	5.0	9.5	10.6	3.6	12.0	5.5	10.5	11.9	8.2	18.2	4.3	10.4	4.1	4.4	9.7	9.1	5.4	11.9	
2027	11	5.8	6.7	1.8	14.1	6.2	8.8	9.4	4.6	4.8	11.4	10.6	4.6	1.8	8.2	4.5	10.8	5.3	3.2	3.4	6.9	9.8	4.6	4.0	3.2	9.4	2.8	14.1	7.1	
2027	12	4.3	5.0	2.4	11.1	10.4	3.3	7.3	7.8	11.1	5.8	3.6	4.5	4.5	5.5	2.5	3.9	2.4	5.0	3.4	4.1	3.2	3.8	5.0	7.3	2.8	3.5	3.5	6.2	
2028	1	5.0	5.4	2.0	12.9	5.4	5.5	7.3	2.9	4.8	4.5	4.5	4.2	5.6	5.5	12.9	2.0	2.5	9.1	5.6	7.9	5.2	4.7	4.5	6.4	3.3	3.1	4.2	9.3	
2028	2	4.6	4.8	1.6	9.0	3.5	3.6	8.1	7.1	4.5	4.2	1.6	5.3	6.7	5.5	2.4	2.0	3.5	7.3	9.0	3.3	3.3	3.9	6.4	6.1	4.7	3.7	6.6	2.0	
2028	3	4.5	4.8	1.0	11.2	3.5	5.4	5.7	3.2	3.3	10.1	3.3	5.1	6.9	2.3	3.2	7.3	2.1	1.4	3.0	4.4	4.6	4.9	11.2	5.5	5.9	1.0	6.3	1.6	
2028	4	4.7	5.7	2.0	15.3	6.4	7.1	3.9	3.6	10.1	4.1	6.3	7.0	7.9	2.7	6.8	12.6	2.1	15.3	3.6	3.0	4.2	3.1	2.0	4.9	10.8	2.8	8.8	8.8	
2028	5	10.5	11.1	2.9	33.5	11.0	5.6	5.9	6.0	23.5	14.3	9.3	14.2	16.6	15.2	14.3	22.2	13.9	7.1	6.9	5.2	9.2	11.1	2.9	7.6	13.4	10.1	4.0	19.9	
2028	6	10.6	12.3	2.8	24.2	8.0	20.6	10.0	8.1	11.1	15.5	24.2	9.8	15.1	8.7	19.7	15.3	11.9	6.3	2.8	2.8	21.1	8.6	15.1	7.6	3.9	6.6	24.1	12.5	9.0
2028	7	13.2	14.3	6.0	35.8	13.6	6.8	35.8	11.2	24.2	16.2	16.5	18.1	9.6	14.3	14.1	7.9	12.5	28.0	10.6	6.0	18.1	9.9	7.2	17.1	6.3	12.7	7.5	17.8	
2028	8	12.5	14.3	3.8	31.8	23.3	9.1	10.0	14.5	26.9	13.3	8.5	25.3	12.2	31.8	18.0	3.8	4.5	23.8	25.9	15.8	11.0	7.4	12.9	7.0	7.2	7.5	15.9	8.6	
2028	9	13.3	13.2	2.5	31.9	8.7	3.7	31.9	18.8	19.9	12.5	9.6	15.4	13.2	14.7	7.8	3.9	4.6	14.7	12.9	15.6	9.0	13.4	10.1	17.9	17.2	21.2	18.2	2.5	
2028	10	7.7	8.2	2.1	17.6	7.1	9.1	6.6	7.2	8.9	15.2	2.1	5.8	3.8	5.3	8.3	11.3	14.5	8.2	10.7	8.2	17.6	6.7	5.4	10.7	9.5	3.9	2.8	6.8	
2028	11	6.3	6.5	1.1	15.7	7.4	6.8	5.9	5.9	3.1	15.7	12.8	5.3	6.8	7.1	3.1	7.0	9.1	1.1	7.5	9.0	3.8	5.4	4.7	8.7	6.4	4.9	6.2	3.4	
2028	12	4.9	5.0	0.9	10.2	4.3	5.5	4.4	7.2	5.9	2.8	4.0	3.9	4.3	4.7	5.9	2.5	4.8	5.0	3.7	4.4	10.2	6.2	7.7	6.1	6.0	5.2	0.9	5.2	
2029	1	5.7	5.7	2.8	10.7	3.1	3.4	4.7	9.5	2.8	6.1	3.1	6.5	5.7	7.0	5.1	6.3	6.6	4.7	10.0	10.7	3.5	4.3	3.3	3.5	8.1	5.7	6.0	6.3	
2029	2	4.0	4.9	1.7	11.8	4.0	2.4	6.1	2.5	6.8	1.9	6.6	3.9	3.7	1.7	3.7	4.2	5.6	11.8	8.4	5.0	3.5	4.0	7.0	9.5	2.6	2.8	3.6	5.8	
2029	3	4.7	5.9	1.0	14.4	5.7	5.1	1.0	10.2	4.8	11.2	4.0	3.5	5.0	2.2	3.0	12.5	11.4	6.5	14.4	2.9	13.1	5.0	3.9	2.7	4.0	2.9	2.1	4.5	
2029	4	5.5	7.7	1.6	19.0	5.2	11.8	5.0	5.5	3.7	2.1	5.1	6.2	14.4	5.7	2.4	17.2	4.0	4.1	1.6	3.8	19.0	11.4	8.8	7.9	15.0	13.7	4.8	4.8	
2029	5	8.8	8.4	2.6	21.9	6.1	7.6	11.9	13.3	9.2	6.5	6.7	4.9	9.0	12.5	6.5	8.6	4.4	11.1	14.1	6.4	6.9	9.3	16.1	3.4	5.7	15.6	21.9	10.2	
2029	6	12.0	13.8	4.6	29.8	14.7	12.0	9.3	16.0	27.5	12.5	10.5	26.7	11.9	11.9	11.3	15.0	9.0	12.5	9.8	4.6	14.1	10.1	15.8	5.9	10.7	29.8	17.9	10.4	
2029	7	13.8	16.0	4.8	43.9	43.9	21.7	15.5	31.0	10.2	12.0	8.7	24.6	15.8	6.3	23.1	4.8	10.4	16.9	12.6	9.4	13.0	8.7	21.4	11.1	14.5	22.0	7.1	20.2	
2029	8	11.7	20.3	6.3	57.2	10.0	49.7	30.0	11.7	14.9	9.4	40.1	6.3	17.9	26.7	8.5	9.2	52.5	7.6	11.7	19.0	57.2	21.9	8.4	6.3	9.7	9.4	9.4	38.8	
2029	9	12.8	12.8	5.2	29.4	5.2	6.5	10.3	5.6	15.9	29.4	7.3	20.6	18.4	5.2	14.7	1													



2033	4	6.4	7.7	0.8	19.1	14.8	8.2	7.8	4.9	4.0	6.6	4.7	7.4	15.3	6.3	0.8	5.3	1.5	15.2	6.4	2.7	6.4	9.8	3.8	17.0	1.9	4.6	19.1	9.6	
2033	5	8.9	9.1	0.9	18.6	10.4	4.3	15.0	7.2	0.9	3.9	10.1	14.4	7.7	11.9	9.1	10.0	4.1	9.7	8.7	4.1	8.7	12.9	17.0	10.7	18.6	6.6	8.2	5.2	
2033	6	13.2	16.3	0.0	51.4	28.4	20.7	16.1	14.1	9.1	6.2	29.4	10.7	16.8	28.4	13.4	17.5	13.0	7.9	51.4	37.4	0.0	5.7	25.5	20.9	12.4	10.3	10.9	3.4	10.6
2033	7	13.6	15.0	2.1	33.6	12.5	12.0	16.3	25.1	11.2	29.1	8.9	15.8	14.7	11.0	33.6	13.4	6.7	23.5	15.4	2.1	14.2	16.2	12.3	9.3	23.9	11.1	7.9	13.8	
2033	8	15.6	15.9	6.6	29.1	17.1	29.1	9.2	19.8	12.9	16.6	24.7	11.1	16.2	12.8	24.6	9.9	6.6	18.3	14.9	13.6	12.6	20.1	8.5	18.4	10.6	23.0	12.4	17.3	
2033	9	14.9	15.4	3.0	36.6	3.0	13.2	4.7	20.6	36.6	17.9	14.2	6.8	21.7	19.2	21.4	17.9	9.4	8.4	7.0	17.7	20.3	15.6	9.8	27.6	31.6	5.6	12.5	7.9	
2033	10	6.3	7.0	3.1	15.3	3.7	7.1	3.9	7.3	8.9	5.8	4.5	6.3	4.5	4.7	5.1	8.9	6.9	14.2	9.3	6.1	9.1	3.1	3.2	6.3	4.0	15.3	8.9	11.0	
2033	11	5.9	6.1	2.0	11.7	7.7	11.7	11.7	11.7	6.2	8.4	7.5	3.8	6.5	4.4	3.4	5.8	8.8	8.5	5.0	4.6	6.9	2.7	5.6	2.0	5.6	7.2	4.6	5.9	
2033	12	4.9	5.2	1.6	8.5	7.3	4.0	6.9	6.9	6.3	8.0	3.1	4.1	3.0	8.4	4.9	4.9	8.5	6.7	2.1	5.8	3.8	5.0	1.6	4.7	2.5	4.7	4.7	6.3	
2034	1	4.6	6.1	1.6	14.8	3.9	3.4	7.5	8.9	6.3	3.6	2.2	4.2	5.2	6.6	4.3	10.0	4.3	4.1	9.2	7.3	9.9	3.0	4.9	3.5	14.8	13.5	1.6	3.5	
2034	2	5.4	5.3	1.4	12.1	4.7	4.9	6.3	5.4	3.0	1.8	7.2	5.9	5.5	2.9	6.7	5.7	5.2	5.6	6.1	4.3	3.1	7.0	3.8	1.4	7.1	7.8	12.1	3.3	
2034	3	5.2	5.2	1.2	10.0	2.8	4.4	5.2	4.4	10.0	3.4	7.2	6.0	5.3	1.2	5.4	3.7	6.8	8.9	8.5	4.2	7.7	2.7	5.4	2.3	7.0	3.5	5.4	3.1	
2034	4	6.3	6.7	0.8	16.7	12.7	1.8	3.7	7.6	9.9	4.7	9.7	9.0	16.7	5.5	0.8	1.9	5.4	7.5	4.0	11.8	3.6	5.6	3.5	7.8	8.9	7.0	3.3	7.2	
2034	5	10.2	11.1	3.6	22.6	11.9	9.0	11.6	9.4	14.1	22.6	9.5	21.6	14.4	9.7	9.9	8.4	11.2	6.7	8.5	10.2	5.0	13.7	3.6	10.3	17.7	4.7	11.1	10.7	
2034	6	15.1	17.1	4.7	49.5	15.2	9.4	26.0	24.3	13.1	23.1	9.6	19.6	17.2	16.8	8.5	11.8	10.4	30.0	25.9	15.0	24.1	17.6	4.7	9.2	10.7	49.5	5.6	13.9	
2034	7	15.3	16.1	5.8	29.2	18.0	8.3	10.1	27.4	28.2	9.8	16.9	5.8	19.1	10.3	27.0	9.6	28.9	7.7	20.1	19.9	8.1	13.6	11.5	27.1	15.0	9.8	16.9	15.6	
2034	8	12.3	15.5	2.7	63.7	8.0	63.7	24.3	13.1	17.0	15.8	5.8	6.5	17.2	8.7	9.7	8.3	22.7	9.7	2.7	12.0	19.4	18.6	10.8	12.7	9.1	20.7	29.8	4.4	
2034	9	14.0	15.7	4.0	34.1	4.0	14.2	5.2	27.0	14.0	18.8	14.1	11.5	17.2	11.5	24.9	10.4	12.1	9.3	23.7	11.7	13.4	15.6	34.1	8.3	21.4	11.7	18.1	25.5	
2034	10	6.7	7.8	2.4	14.4	4.0	14.4	6.4	2.9	3.4	3.8	6.6	4.7	11.1	13.9	11.0	12.3	13.1	6.7	3.0	12.8	13.5	8.4	8.1	6.7	3.7	13.5	11.0	2.4	
2034	11	5.4	5.8	2.5	11.9	3.9	7.9	7.9	7.9	5.0	6.8	7.8	4.6	3.7	2.9	5.8	2.5	8.8	8.3	3.7	3.9	6.3	8.5	3.0	7.4	3.9	4.9	11.9	6.2	5.0
2034	12	5.4	6.1	1.4	15.4	2.1	5.4	1.4	5.1	4.3	7.9	15.0	7.4	6.2	2.4	15.4	6.2	2.7	5.4	4.7	4.1	4.3	7.4	8.6	4.7	7.3	4.9	8.4	6.6	
2035	1	5.2	5.7	2.1	20.7	3.1	6.1	20.7	5.6	4.5	2.4	5.0	2.1	3.7	5.3	6.5	6.6	6.6	5.2	2.1	6.0	6.6	7.5	10.1	8.5	4.2	3.3	2.4	2.2	
2035	2	4.0	4.3	2.3	7.5	6.2	3.6	4.3	3.3	3.1	4.0	2.6	7.5	3.6	6.9	6.5	5.3	4.0	2.4	6.8	2.3	3.0	4.9	4.6	3.6	4.7	2.7	3.7	4.1	
2035	3	5.4	5.9	1.3	13.0	5.7	8.3	4.5	4.3	11.7	5.0	5.1	5.2	1.3	5.4	1.3	7.9	5.4	5.6	5.9	3.7	4.6	7.7	8.7	4.1	13.0	5.9	5.9	5.1	
2035	4	6.3	6.3	0.6	22.3	7.0	3.5	10.3	7.1	10.2	6.6	7.5	22.3	6.1	3.9	7.0	5.8	6.9	9.6	6.6	0.8	0.6	2.1	6.5	4.5	1.4	4.8	3.9	5.4	
2035	5	10.0	9.9	2.2	17.2	12.7	2.7	8.8	4.8	15.6	10.6	16.6	10.6	13.8	8.5	9.2	17.2	9.4	6.0	12.8	7.0	7.0	2.2	13.1	12.4	12.4	7.0	5.8	11.7	
2035	6	13.7	15.0	3.1	29.7	17.2	7.7	20.3	21.5	11.5	22.9	3.1	11.8	12.0	9.4	15.0	21.2	11.2	24.0	8.0	8.8	12.3	17.3	29.7	7.0	24.0	20.5	8.1	15.6	
2035	7	13.2	15.7	8.6	39.7	13.6	21.0	16.0	11.2	11.7	31.2	10.6	25.4	11.5	15.7	21.9	39.7	11.6	13.2	8.6	12.3	14.5	13.1	10.1	10.7	15.9	13.8	9.2	13.3	
2035	8	13.7	17.4	7.7	47.2	7.8	45.5	10.6	16.2	16.7	47.2	17.6	7.7	11.1	18.1	11.7	25.9	11.3	12.3	10.5	18.8	8.3	11.7	11.6	18.6	21.8	25.7	15.1	23.8	
2035	9	14.1	15.5	1.6	39.5	16.6	28.9	8.0	10.0	24.2	15.3	16.7	12.1	8.7	39.5	7.0	13.9	11.6	14.3	9.2	6.0	30.7	17.2	1.6	24.3	19.7	14.9	12.5	8.8	
2035	10	7.1	7.1	2.7	15.1	7.8	9.8	3.3	9.2	9.1	6.2	6.1	10.3	2.7	6.5	6.6	4.2	5.3	7.5	4.5	8.7	4.1	10.2	4.3	25.1	3.6	7.8	8.6	8.1	
2035	11	6.3	7.0	3.3	12.6	6.0	10.1	9.4	10.1	9.4	12.4	10.7	6.6	3.7	8.4	3.8	3.3	3.5	5.7	4.7	11.0	12.6	4.3	3.7	10.4	6.7	5.4	7.9	4.6	
2035	12	6.9	8.6	2.1	24.2	8.0	2.1	11.3	20.8	5.2	14.6	2.8	10.7	2.9	9.9	10.3	2.9	6.1	3.8	4.9	9.0	4.5	24.2	21.6	7.6	5.5	4.1	10.3	4.4	
2036	1	4.9	5.1	1.5	9.3	4.4	4.0	7.3	6.0	3.6	1.5	6.7	7.9	9.3	3.3	6.3	7.2	2.1	5.0	6.0	9.1	5.5	1.7	6.4	3.4	4.7	3.8	3.5	4.3	
2036	2	4.2	4.7	1.3	11.3	2.5	1.3	2.4	8.8	3.5	4.3	4.7	6.5	5.1	9.4	2.8	3.4	4.4	3.0	6.5	1.8	6.1	4.1	1.6	6.5	3.9	3.9	11.3	5.0	
2036	3	4.9	5.2	0.8	13.7	4.3	5.7	13.7	6.4	5.1	3.0	5.6	6.0	2.5	5.0	3.4	5.9	1.9	2.4	5.2	3.5	3.7	13.4	4.7	9.2	7.3	0.8	4.4	1.2	
2036	4	6.6	7.6	1.5	20.8	14.1	7.2	9.2	2.9	6.6	13.6	19.5	7.7	4.4	5.1	20.8	2.1	9.2	2.5	3.7	4.0	14.1	6.9	3.3	4.5	1.5	4.6	6.6	8.0	
2036	5	9.6	10.5	3.7	31.2	12.7	5.1	10.8	9.0	6.0	10.4	16.6	9.6	9.1	7.5	4.7	11.5	31.2	10.9	5.2	9.1	6.2	9.4	11.0	11.0	19.1	3.7	9.6	11.6	
2036	6	9.9	13.0	5.7	38.0	10.2	9.2	5.7	15.5	7.7	6.8	31.8	24.0	8.7	5.7	9.5	6.0	11.4	11.4	6.9	14.2	7.0	38.0	6.0	12.6	17.5	5.9	27.5	12.8	
2036	7	13.2	14.2	0.6	41.2	14.2	41.2	11.4	19.5	17.5	17.6	16.1	17.9	9.3	19.0	9.2	3.8	8.3	9.0	12.3	9.2	4.4	14.4	11.6	25.6	28.2	0.6	16.0	4.9	
2036	8	13.7	18.4	5.9	63.1	15.0	16.2	15.0	15.9	26.5	63.1	9.5	17.9	7.9	33.0	8.4	8.4	14.5	17.4	5.9	55.9	11.7	38.2	12.9	8.3	7.2	12.4	9.2	11.2	
2036	9	13.2	14.3	5.3	38.6	6.9	13.3	5.3	16.3	6.7	16.8	13.4	8.4	23.4	11.4	19.5	9.1	12.2	11.0	9.5	13.6	38.6	15.6	6.8	13.0	8.2	22.4	24.5	17.8	
2036	10	8.0	9.0	2.8	24.9	5.7	6.3	8.1	9.7	4.5	7.4	17.0	8.7	7.5	10.2	7.9	8.6	7.0	8.3	8.5	24.9	2.8	7.4	4.9	12.7	19.0	8.9	4.4	7.4	
2036	11	6.2	7.3	2.3	17.9	5.2	8.7	4.3	7.8	4.4	6.5	17.9	16.8	3.1	4.3	5.0	6.8	18.8	4.5	8.0	8.5	2.3	5.8	4.7	8.2	9.3	5.8	5.5	7.9	
2036	12	5.2	5.4	2.1	13.1	4.2	4.4	2.1	8.1	6.2	4.0	4.9	5.7	2.8	13.1	5.4	6.4	6.9	5.6	4.9	6.3	4.6	3.1	6.2	6.0	3.4	3.6	4.1	4.1	
2037	1	4.9	5.0	1.5	9.5	2.7	2.7	1.5	4.4	3.5	4.2	4.2	5.1	7.8	3.2	6.0	9.5	7.8	1.7	5.5	7.4	5.0	3.0	4.1	8.6	3.0	5.1	5.6	6.9	4.7
2037	2	5.2	4.8	1.4	7.4	6.2	7.0	5.3	2.3	3.0	4.1	5.5	6.6	1.4	5.1	7.1	4.7	7.4	5.9	2.7	6.0	5.8	7.0	3.7	3.2	5.8	1.6	5.2	2.3	
2037	3	5.7	6.1	1.9	18.1	1.9	7.4	5.8	5.7	15.0	3.7	4.0	5.9	10.2	3.1	4.9	6.6	6.0	6.2	4.5	3.6	6.2	2.8	7.9	5.5	5.6	1.9	18.1	2.9	
2037	4	5.9	6.4	1.1	14.2	5.8	8.2	2.6	11.0	4.3	4.7	10.9	6.5	2																

2040	11	6.3	7.7	3.6	15.1	5.7	6.1	15.1	4.1	12.8	5.2	5.9	14.2	7.0	11.9	8.9	5.4	5.8	5.1	3.6	8.3	3.9	10.9	12.0	10.2	6.5	7.2	5.4	4.5
2040	12	4.6	5.5	2.4	10.8	4.6	9.5	4.1	3.4	6.7	8.6	9.8	8.2	4.1	6.5	5.2	6.4	5.2	10.8	2.4	4.6	4.6	4.5	3.5	2.9	5.5	3.8	4.4	3.4
2041	1	4.1	4.5	1.7	9.1	3.5	4.2	6.6	4.9	4.8	5.7	8.5	5.0	3.7	1.7	4.1	4.0	4.0	3.0	4.5	4.9	2.9	3.4	3.8	3.8	4.5	3.0	9.1	3.8
2041	2	4.7	5.6	1.4	14.1	7.0	2.0	3.4	1.7	8.5	2.9	3.5	14.1	3.8	7.8	9.2	12.0	3.4	8.1	7.5	5.0	3.2	4.3	1.4	4.4	5.0	6.1	7.1	4.0
2041	3	6.5	7.0	1.5	14.1	11.1	4.8	7.3	4.2	6.8	7.5	8.7	4.9	6.6	6.4	3.0	13.6	3.1	1.5	9.9	12.7	3.1	6.2	11.9	3.7	14.1	3.4	8.8	4.3
2041	4	4.9	6.0	1.0	16.3	9.7	2.1	6.1	4.8	3.2	1.7	5.0	12.3	3.9	6.4	1.5	1.0	3.0	6.1	16.3	8.8	3.7	2.5	4.6	8.9	10.5	4.8	9.8	6.2
2041	5	9.5	10.6	3.7	22.8	2.7	11.3	3.3	6.8	9.5	16.7	3.7	13.5	23.8	13.1	5.9	18.3	4.2	18.8	8.0	6.3	8.5	5.3	12.6	8.5	22.8	8.5	13.0	13.0
2041	6	11.5	15.0	5.7	55.8	10.7	15.0	5.7	14.4	12.4	8.5	26.8	11.2	22.8	14.1	6.2	12.9	7.0	65.8	22.5	11.5	9.4	22.4	6.1	6.8	9.3	6.4	11.5	19.4
2041	7	14.7	16.3	5.5	42.6	21.4	15.7	12.4	24.1	22.4	15.1	16.6	18.8	5.5	14.3	9.8	14.6	30.1	14.9	7.7	12.7	7.9	14.3	6.6	6.4	15.8	28.0	42.6	13.2
2041	8	15.3	18.4	2.2	39.6	9.0	14.5	35.9	23.5	10.2	9.4	19.2	24.7	15.0	31.3	39.6	6.9	7.4	8.5	2.2	9.9	25.1	36.5	10.4	31.9	13.0	22.0	15.5	19.7
2041	9	9.5	12.9	4.9	34.0	26.2	4.9	8.6	10.4	6.2	15.6	18.2	34.0	8.5	9.4	26.0	9.5	9.4	9.6	9.0	8.5	8.3	19.0	13.4	8.1	14.6	6.8	16.0	9.8
2041	10	6.3	7.6	2.5	24.2	2.8	7.3	8.2	11.1	4.4	24.2	12.6	3.6	8.1	3.7	4.1	1.5	6.6	7.9	5.2	2.5	8.5	4.5	4.2	5.9	4.1	19.4	9.9	5.1
2041	11	7.3	7.7	2.3	18.7	3.9	8.4	7.5	3.3	10.8	7.3	5.6	2.3	6.0	10.5	18.7	10.8	5.4	7.0	10.9	9.3	7.2	9.9	11.0	3.0	11.7	3.3	5.5	5.3
2041	12	5.5	5.9	2.8	13.1	3.3	3.9	2.8	13.1	5.9	5.5	3.9	4.7	4.5	4.7	5.7	7.2	5.5	2.8	5.7	5.3	5.9	9.4	3.5	13.1	8.4	3.9	6.2	6.6
2042	1	4.3	4.9	1.4	11.6	6.2	2.6	8.4	2.9	5.9	5.5	9.4	4.2	7.8	6.0	4.3	3.3	2.5	1.9	1.4	6.4	3.6	6.0	3.4	3.5	5.6	3.7	11.6	2.4
2042	2	4.9	5.1	0.7	15.5	5.6	2.7	3.7	4.7	1.5	3.3	5.3	5.9	3.2	5.5	8.2	5.6	5.9	2.8	3.7	5.0	10.5	2.7	15.5	0.7	6.9	2.6	6.2	3.8
2042	3	3.9	4.8	2.0	9.3	3.6	6.4	5.5	4.5	8.2	3.6	2.5	2.6	6.2	2.0	5.3	4.9	8.8	2.6	8.5	3.1	4.2	2.2	9.3	2.9	3.4	3.4	7.2	3.6
2042	4	6.3	7.5	0.6	20.7	8.0	5.1	11.0	13.5	8.7	6.1	3.7	0.6	20.7	3.4	3.0	6.3	6.2	5.0	4.0	3.0	10.1	8.4	9.8	6.5	4.5	10.9	15.3	6.3
2042	5	10.1	10.4	1.5	26.1	9.3	17.1	11.8	7.7	17.8	23.9	4.2	13.0	11.0	10.6	1.5	2.4	4.8	12.1	8.2	3.5	15.0	5.5	3.9	12.6	26.1	11.4	4.9	16.8
2042	6	14.4	16.9	3.4	63.5	18.3	9.0	19.0	5.1	16.5	19.7	17.4	11.3	42.6	23.5	16.3	20.4	7.0	7.2	9.9	63.5	12.4	16.8	11.1	11.9	3.4	31.7	9.7	3.4
2042	7	15.4	17.1	8.3	33.2	14.7	18.1	10.7	13.2	13.3	12.9	33.2	18.7	8.3	15.9	24.3	11.6	9.9	18.5	19.2	24.4	12.4	17.5	17.3	28.2	26.7	14.8	14.3	11.5
2042	8	12.7	16.4	4.5	56.7	9.4	31.6	12.9	8.5	23.8	13.2	11.3	7.5	9.6	18.8	41.4	4.5	7.8	9.9	17.1	56.7	20.1	11.9	12.5	13.1	12.3	19.5	13.5	5.7
2042	9	15.6	16.1	4.6	34.3	6.2	8.7	17.2	34.3	32.4	8.1	16.8	25.3	24.0	30.9	8.9	15.2	15.6	18.0	24.7	5.4	15.6	11.3	4.6	12.8	5.0	18.8	17.5	9.7
2042	10	7.1	8.1	3.0	20.5	10.0	6.8	5.0	7.0	9.1	5.2	5.4	3.6	7.1	5.3	20.5	8.7	13.6	7.3	3.8	8.6	10.5	13.8	12.4	14.0	5.4	5.5	3.0	3.5
2042	11	7.1	7.8	1.0	21.6	5.1	7.9	8.3	6.6	4.5	5.0	12.1	11.4	14.7	5.2	7.1	4.0	5.0	5.0	9.5	4.6	7.1	13.3	7.9	8.1	21.6	1.0	8.8	4.1
2042	12	4.9	5.8	2.8	13.1	3.9	3.3	11.6	5.3	5.8	4.0	2.8	4.3	3.4	3.1	5.0	3.5	10.5	6.9	5.6	4.7	8.0	4.7	7.7	13.1	4.2	4.4	6.0	7.0
2043	1	5.7	7.1	1.7	25.4	7.5	4.3	6.2	4.0	6.4	2.3	10.7	1.7	3.9	25.4	2.5	6.1	5.9	4.3	24.5	6.5	5.4	4.7	5.6	7.9	9.2	3.8	5.5	7.3
2043	2	4.2	6.0	1.7	24.0	4.3	3.8	24.0	2.9	4.4	3.9	7.6	3.7	2.2	3.3	3.3	14.9	3.1	5.2	6.0	4.5	4.9	3.4	4.3	1.7	3.8	18.7	6.3	4.1
2043	3	5.8	6.7	1.8	21.6	10.6	7.4	3.2	6.1	7.2	4.0	10.9	21.6	4.0	4.9	3.3	15.3	5.5	5.1	6.9	4.4	1.8	8.3	2.1	7.5	2.3	6.8	7.5	5.1
2043	4	6.2	6.8	0.5	15.7	6.3	4.9	11.0	5.5	3.6	2.7	5.8	6.4	11.0	7.3	0.5	5.8	7.2	4.9	8.4	15.7	12.3	5.5	2.7	12.7	6.6	6.1	7.9	3.3
2043	5	7.7	9.2	2.2	19.3	6.9	9.7	10.5	4.1	8.1	5.1	15.8	5.9	5.5	11.6	10.3	5.0	8.6	22.8	24.0	3.5	18.4	19.3	5.7	6.5	13.5	7.3	11.2	2.3
2043	6	10.8	12.8	5.8	24.0	13.9	7.5	15.0	23.5	11.0	23.5	14.1	11.0	10.6	7.7	21.6	6.8	22.8	24.0	14.4	23.8	8.7	9.3	12.5	6.8	10.6	10.9	10.9	9.1
2043	7	16.2	19.5	7.8	49.1	16.8	7.8	17.9	11.3	25.8	12.9	15.7	12.3	31.0	29.2	18.4	15.7	20.2	9.3	8.4	32.6	15.2	14.7	27.6	39.8	49.1	27.7	15.5	8.6
2043	8	15.9	17.8	8.3	33.3	8.3	32.0	26.1	8.7	32.4	9.1	16.1	10.9	15.7	24.0	10.7	22.0	9.5	11.7	23.1	18.8	9.0	13.3	32.1	19.3	17.1	33.3	14.6	8.5
2043	9	11.4	13.9	4.2	42.8	6.5	25.5	11.7	20.5	20.1	10.3	10.3	42.8	15.3	7.5	9.4	18.1	9.3	11.5	20.2	11.3	6.2	5.6	27.5	17.7	4.6	4.2	11.8	6.3
2043	10	6.6	8.0	2.2	18.9	4.9	3.0	5.7	6.3	15.0	9.0	15.1	9.2	7.3	18.8	5.9	5.7	8.9	4.6	10.9	7.2	3.2	8.0	4.4	6.2	5.5	6.9	5.5	6.9
2043	11	5.4	6.3	1.1	15.3	4.5	4.8	3.7	4.4	4.9	6.2	5.4	3.9	8.5	10.8	8.9	5.4	3.9	3.7	15.3	7.1	4.1	13.2	6.5	8.3	3.1	1.1	6.6	8.0
2043	12	6.3	7.2	2.1	26.1	6.7	14.0	4.3	7.8	26.1	2.2	10.1	4.5	8.5	6.5	5.7	2.1	10.9	3.3	4.6	5.3	6.2	4.4	2.5	5.7	8.8	6.7	7.2	9.9
2044	1	4.1	4.2	1.7	8.8	4.5	2.5	3.6	3.6	5.8	7.6	4.9	3.1	4.0	1.7	3.4	3.1	1.9	5.5	5.1	3.8	5.0	4.2	1.9	8.8	4.7	4.2	4.9	3.2
2044	2	5.5	5.6	2.2	13.1	5.8	2.2	5.6	6.3	4.9	5.4	5.3	3.5	6.2	4.3	7.5	13.1	2.4	5.5	7.6	4.2	5.7	6.5	3.5	7.8	3.8	6.2	7.5	4.2
2044	3	4.7	5.6	1.0	15.7	4.4	7.5	4.5	3.3	5.8	2.4	1.0	4.1	3.1	2.5	6.1	7.9	4.3	3.9	15.7	9.0	7.1	2.8	6.2	9.8	5.1	4.8	3.6	10.1
2044	4	4.2	5.8	1.1	17.2	9.6	17.2	11.9	10.6	12.3	2.1	2.8	2.3	5.0	5.0	1.8	3.1	4.2	3.6	3.2	8.1	10.7	2.3	3.3	7.1	1.1	4.2	4.2	2.6
2044	5	10.8	11.4	1.0	31.0	11.5	5.5	6.0	5.5	17.5	16.3	11.4	31.0	9.5	13.3	23.9	8.8	1.0	11.4	9.4	5.0	2.8	20.6	15.8	13.0	4.7	10.3	3.2	16.2
2044	6	12.2	12.9	4.6	31.9	5.1	19.2	31.9	7.3	6.0	9.0	9.4	4.6	12.9	11.5	6.8	20.8	15.9	19.7	10.5	5.0	14.6	17.6	7.2	18.2	13.0	19.4	15.5	10.4
2044	7	14.1	16.5	3.7	49.1	13.7	6.8	17.3	14.2	17.3	26.5	49.1	13.5	13.8	39.2	16.6	13.9	13.4	3.7	8.4	16.0	15.3	12.1	25.5	16.2	10.0	14.0	7.9	19.1
2044	8	15.7	17.8	5.3	46.3	19.2	7.5	46.3	5.3	30.7	18.9	10.6	8.3	13.3	34.4	21.3	6.9	17.3	14.6	12.8	8.1	21.0	23.8	12.8	14.3	13.3	32.4	16.8	17.2
2044	9	15.1	15.1	4.9	26.7	23.4	26.5	26.7	16.0	11.2	5.5	11.6	12.4	8.9	15.7	22.7	18.9	14.5	17.4	17.9	20.1	8.5	10.7	5.7	22.8	25.4	4.9	5.9	8.5
2044	10	8.7	9.2	3.0	20.4	6.2	7.7	3.9	9.1	10.6	3.2	6.2	9.7	10.6	19.4	5.5	9.0	13.1	6.3	15.0	10.2	20.4	8.5	6.3	14.0	8.8	7.6	3.0	7.4
2044	11	7.6	8.7	3.9	20.2	4.5	5.1	5.6	4.7	9.8	9.4	6.8	3.9	15.0															

2048	6	12.9	14.5	5.0	35.6	10.3	35.6	14.0	13.3	29.9	25.5	5.9	10.1	8.5	8.2	11.6	14.0	15.6	10.8	23.1	21.9	13.5	12.5	10.9	5.0	5.6	13.8	17.7	9.7
2048	7	16.9	21.0	6.6	49.4	8.6	9.9	49.4	26.8	22.3	7.2	26.0	28.6	9.1	13.7	23.1	9.1	42.6	18.3	12.7	9.2	6.6	20.7	45.3	34.0	39.1	15.4	11.6	14.5
2048	8	14.7	16.7	4.5	41.5	5.8	17.4	10.5	15.2	10.6	35.6	4.5	5.2	7.5	26.9	17.7	13.1	10.6	41.5	16.7	6.8	23.4	15.8	28.1	14.1	7.5	11.5	20.5	35.8
2048	9	16.0	16.7	4.3	41.0	8.4	15.5	6.9	14.3	18.7	20.3	18.2	23.6	16.4	41.0	21.0	32.0	16.1	5.8	15.3	15.3	17.9	11.4	4.3	17.4	22.4	15.0	16.0	8.0
2048	10	7.9	9.2	3.0	19.0	7.7	8.1	16.9	3.0	5.0	6.4	9.7	17.5	10.7	7.8	6.7	3.1	4.3	7.2	19.0	16.7	10.5	10.1	4.3	17.2	6.3	10.0	9.6	3.4
2048	11	8.2	8.4	2.4	21.7	8.3	11.3	4.5	9.7	6.6	5.4	13.9	9.0	14.4	8.3	21.7	12.7	7.6	2.4	8.9	4.0	10.2	4.7	8.2	11.2	7.0	5.3	3.5	4.1
2048	12	5.9	6.8	2.5	23.8	5.9	4.4	5.3	5.4	2.5	8.1	6.1	5.9	11.1	5.8	7.3	7.5	23.8	4.3	7.6	5.3	5.4	2.8	4.9	9.3	5.6	5.9	3.6	3.8
2049	1	5.8	5.7	1.4	10.6	8.1	6.2	5.5	2.7	6.1	8.0	8.7	6.4	7.1	2.6	7.5	4.7	2.8	3.2	4.5	10.3	5.8	10.6	1.4	8.3	4.4	6.8	3.7	3.8
2049	2	4.4	5.1	2.2	15.6	2.8	7.7	4.7	2.2	5.5	2.9	3.8	3.7	3.9	5.1	15.6	6.4	3.0	8.6	7.4	2.3	5.0	5.2	3.3	4.2	6.2	4.6	4.1	3.9
2049	3	4.6	5.3	1.2	12.1	5.5	6.3	5.4	4.2	1.2	4.6	5.3	4.1	4.5	2.9	9.5	12.1	3.1	4.4	10.6	4.1	4.5	6.7	5.9	4.2	4.7	1.9	9.8	2.6
2049	4	5.6	6.0	2.1	15.4	5.7	2.1	10.7	2.8	10.1	7.7	7.4	3.1	5.0	7.4	5.8	5.7	10.1	2.1	3.7	4.8	5.6	3.9	7.7	3.9	5.2	6.3	15.4	2.6
2049	5	9.1	10.1	2.7	32.8	2.7	15.5	8.4	11.9	8.1	7.3	7.6	32.8	2.8	10.8	17.5	10.5	7.9	6.2	10.7	17.8	8.0	3.4	9.8	11.9	12.1	4.4	5.4	10.1
2049	6	12.4	15.2	4.4	39.4	19.4	7.8	7.0	6.5	11.8	32.4	8.7	16.4	18.1	26.7	18.7	13.0	9.7	18.0	7.5	10.5	27.0	39.4	14.4	16.9	4.4	11.6	11.5	8.4
2049	7	12.9	14.2	6.3	29.8	18.5	10.4	14.5	17.4	9.7	11.1	8.3	10.6	18.8	20.6	17.1	14.0	8.2	13.5	11.2	12.3	8.5	6.3	29.8	15.1	28.7	10.2	7.2	11.3
2049	8	13.9	15.4	4.5	34.2	8.5	11.1	34.2	18.1	10.4	15.6	21.3	27.2	11.7	16.7	7.8	5.5	4.6	28.9	9.6	9.7	12.1	16.3	22.5	6.1	4.5	24.6	25.2	16.6
2049	9	12.8	14.0	3.8	40.3	11.8	3.8	14.3	17.8	14.3	12.1	18.6	7.5	18.3	8.4	18.7	27.6	14.3	13.0	9.2	13.0	8.1	8.2	12.7	9.4	5.4	19.7	16.3	6.9
2049	10	8.3	9.3	3.5	28.4	5.1	11.6	9.4	3.9	8.5	8.0	8.9	7.9	6.8	5.2	28.4	9.8	9.9	6.5	4.7	11.2	17.9	8.1	4.4	10.0	8.9	18.9	3.5	5.4
2049	11	6.5	7.1	3.2	15.1	5.4	12.9	6.7	7.8	5.3	5.9	3.2	7.5	9.4	3.5	3.6	5.7	8.6	8.4	11.1	4.9	4.1	6.2	15.1	10.9	4.4	8.3	5.5	6.7
2049	12	5.8	7.9	2.8	29.0	4.8	5.5	4.5	7.2	5.0	4.0	7.4	5.6	4.6	12.2	7.4	5.1	6.3	8.0	5.0	20.3	29.0	5.9	7.3	2.8	6.6	14.8	5.7	5.5
2050	1	5.7	5.8	2.4	10.2	7.0	5.1	4.8	9.0	3.1	6.6	10.3	4.6	7.0	6.4	5.9	8.9	5.5	4.0	2.4	3.0	10.1	6.2	5.9	4.5	3.5	3.7	6.2	4.6
2050	2	4.2	4.3	1.7	7.9	5.2	2.6	4.7	7.0	2.0	4.1	4.3	3.4	2.8	3.7	3.9	7.2	1.7	6.1	1.9	4.2	4.6	4.4	4.4	6.4	7.9	2.3	6.1	3.5
2050	3	5.7	5.5	1.9	16.1	2.8	6.4	5.6	3.1	8.4	4.5	1.9	7.3	4.7	6.9	4.1	5.8	2.8	6.0	4.1	3.7	7.1	5.7	2.9	6.1	8.0	6.3	16.1	2.5
2050	4	4.8	6.2	1.6	19.6	6.5	4.8	19.6	7.3	11.1	4.0	9.2	4.1	5.2	2.8	4.7	5.7	3.1	4.2	15.3	3.3	4.8	8.3	4.6	5.7	3.9	1.6	6.0	3.5
2050	5	9.5	8.9	1.3	17.6	1.3	4.0	14.3	3.7	6.5	12.8	6.3	11.5	11.7	12.6	10.1	3.1	13.6	3.7	11.5	2.2	7.4	6.4	6.8	16.5	9.2	17.6	9.8	9.8
2050	6	11.1	14.1	3.1	39.1	13.6	6.3	8.1	7.7	4.0	10.6	14.4	14.6	11.5	23.7	22.3	22.0	30.1	39.1	7.3	6.5	9.7	5.1	9.9	12.6	3.1	21.2	8.1	27.6
2050	7	9.3	14.1	3.7	39.0	39.0	11.8	8.1	24.7	25.1	5.7	8.6	13.0	7.8	36.5	8.0	6.7	16.9	9.3	9.9	20.7	9.3	7.7	12.3	7.5	8.6	28.8	9.0	3.7
2050	8	10.8	14.9	6.2	33.4	8.1	24.9	11.1	11.0	10.5	6.8	15.5	25.8	19.9	31.5	7.3	6.2	23.2	29.6	12.8	10.9	10.7	9.4	10.1	9.8	9.0	33.4	9.7	10.4
2050	9	10.5	13.7	4.1	41.9	14.8	6.4	29.2	10.2	6.8	17.0	7.8	24.5	5.5	41.9	25.5	4.1	14.9	10.6	18.2	6.0	10.5	13.3	7.6	12.7	16.2	7.8	10.0	7.6
2050	10	10.4	10.5	1.7	21.7	7.7	8.4	10.9	21.6	12.0	4.4	3.2	11.2	9.2	10.0	19.5	8.2	9.1	3.8	12.5	11.6	1.7	13.2	15.2	10.3	3.8	7.3	12.3	10.4
2050	11	6.1	7.1	2.6	14.5	7.8	3.0	11.7	5.4	3.1	6.0	12.2	6.1	4.0	4.5	10.5	4.9	5.2	5.3	14.0	14.5	6.6	6.6	8.4	10.8	5.6	2.7	7.5	2.6
2050	12	5.1	5.7	2.4	17.7	5.9	4.1	4.0	17.7	5.1	8.4	3.4	6.4	7.9	3.2	5.2	2.6	9.1	2.4	3.7	5.0	6.0	6.3	4.7	6.2	5.2	2.9	6.2	6.7
2051	1	5.7	5.6	1.7	12.1	3.8	6.4	2.5	6.1	3.5	9.4	6.4	5.1	3.7	2.9	3.2	3.9	9.6	5.3	9.0	16.4	3.7	6.7	7.1	6.7	12.1	2.5	7.0	8.5
2051	2	4.6	5.5	1.1	16.2	7.2	4.7	2.5	6.8	4.7	2.5	3.4	4.5	12.6	1.1	3.8	7.2	5.6	12.7	3.9	3.9	3.8	3.9	5.9	7.0	16.2	1.3	2.1	5.6
2051	3	4.9	6.3	1.7	20.9	5.8	7.7	3.9	13.7	4.4	3.8	4.5	6.4	10.2	4.3	2.7	8.3	6.6	10.2	3.0	1.7	3.4	5.2	7.3	20.9	3.6	3.0	7.0	4.1
2051	4	7.2	6.9	0.9	11.5	6.8	11.5	8.2	9.4	3.8	6.3	8.5	9.1	1.4	9.9	3.9	7.6	6.9	8.5	8.0	11.2	4.9	7.8	6.5	7.5	3.9	0.9	6.7	5.7
2051	5	12.1	12.7	4.1	25.6	12.7	4.1	15.3	8.5	8.3	14.2	11.7	14.1	22.2	12.5	8.4	24.0	9.9	19.2	10.1	15.1	7.5	8.3	10.3	25.6	5.7	17.8	4.1	14.9
2051	6	11.7	14.9	4.0	37.4	25.5	10.8	10.7	17.7	16.3	10.1	8.3	37.4	12.5	12.2	6.7	16.2	4.0	9.5	8.6	30.0	11.2	24.8	12.3	8.9	26.8	7.0	11.2	18.8
2051	7	12.5	15.8	3.7	63.2	18.1	17.5	12.7	14.4	10.6	21.8	33.8	20.0	10.5	16.5	63.2	7.8	9.6	9.7	7.6	14.5	4.2	4.9	28.6	5.5	12.4	9.9	21.0	3.7
2051	8	15.3	16.4	4.8	48.7	20.8	7.6	23.9	21.3	41.9	15.7	7.1	4.8	6.0	48.7	7.4	9.7	13.2	11.4	17.5	23.0	14.8	16.0	20.8	16.3	17.0	6.9	13.2	8.7
2051	9	12.3	13.9	4.1	30.7	12.1	11.8	13.3	11.8	30.7	18.3	9.5	24.7	10.4	4.1	15.3	12.5	8.3	21.4	8.9	5.0	16.9	9.1	8.6	22.3	5.7	21.7	17.6	13.6
2051	10	7.1	8.3	2.0	18.5	4.9	17.2	4.1	6.0	7.2	18.5	8.6	6.5	4.7	9.1	6.9	7.7	8.3	6.9	10.5	2.0	12.4	6.7	13.0	4.7	6.0	15.0	3.3	8.0
2051	11	7.6	7.6	4.1	12.0	4.2	8.0	5.3	4.1	9.2	9.4	9.5	6.0	7.9	7.3	12.0	6.6	11.9	6.9	8.5	7.1	4.6	9.4	8.4	9.7	9.7	5.8	6.2	5.5
2051	12	5.5	6.3	2.0	19.5	8.4	5.5	4.7	10.8	3.2	9.3	4.1	7.9	4.5	5.7	7.3	6.9	5.0	6.4	4.4	2.6	2.2	4.6	8.5	5.2	5.5	19.5	2.0	4.9
2052	1	4.6	5.5	1.3	13.0	4.2	3.1	4.1	4.6	11.3	5.0	9.0	11.3	3.9	2.7	6.0	7.1	3.9	4.0	6.0	4.7	4.7	4.6	13.0	4.4	4.9	4.9	4.3	1.3
2052	2	4.5	5.7	0.7	18.6	5.7	4.5	4.7	2.2	4.4	3.1	18.6	5.1	5.2	2.6	6.6	9.0	13.2	0.7	5.7	4.9	4.7	12.6	1.6	3.5	2.8	3.4	1.3	3.9
2052	3	6.8	7.0	2.4	15.0	10.1	5.4	10.7	8.4	5.0	6.3	7.8	2.9	8.6	5.6	9.3	12.7	7.3	4.4	5.0	8.0	8.5	4.6	15.0	2.4	3.2	3.7	8.2	4.6
2052	4	5.6	6.8	1.6	20.9	11.5	4.6	20.9	3.1	1.7	1.9	5.6	1.6	5.6	4.2	6.6	6.4	7.5	5.7	4.0	3.4	5.4	9.7	10.3	5.2	12.0	6.1	13.6	5.5
2052	5	9.0	10.1	3.1	24.1	8.9	3.1	4.0	7.0	11.3	6.6	16.0	13.4	8.9	10.1	8.1	14.2	6.5	11.4	13.7	15.1	6.5	9.0	9.5	24.1	6.5	7.3	7.2	13.5
2052	6	11.5	14.5	2.7	48.8	9.5	2.7	18.3	12.9	9.9	3.5	12.4	15.3	31.0	48.														

2056	1	5.3	6.4	2.6	23.0	5.4	6.6	3.4	2.6	3.6	3.6	3.3	10.6	3.4	5.7	9.4	6.9	8.0	4.3	8.4	5.2	5.1	4.7	8.1	7.7	23.0	5.2	6.8	3.1	
2056	2	5.2	5.1	1.7	11.4	2.9	4.4	3.3	7.3	6.8	5.5	11.4	8.7	2.8	5.4	4.0	3.6	6.2	8.0	3.0	2.1	2.9	5.2	5.3	3.1	6.8	6.1	5.7	1.7	
2056	3	6.6	7.1	2.4	14.5	7.2	4.4	3.6	4.2	11.3	4.0	5.3	7.6	10.8	9.2	11.8	2.4	12.5	5.7	6.0	7.7	4.9	2.7	3.0	14.5	7.3	10.2	9.4	4.3	
2056	4	6.7	7.5	2.2	18.2	6.4	9.7	2.3	4.5	2.2	2.6	9.4	3.5	13.4	5.6	7.8	18.2	2.5	9.0	9.8	10.0	6.4	7.0	8.6	5.4	6.3	10.3	13.1	5.6	
2056	5	11.0	12.0	5.0	26.2	6.8	6.4	5.0	5.3	7.2	5.5	12.3	12.5	21.1	5.4	11.3	18.3	26.2	9.0	10.6	9.3	5.6	18.2	14.2	24.6	14.5	8.1	14.3	16.3	
2056	6	14.1	16.0	5.2	41.9	34.2	10.2	12.1	8.8	14.1	20.0	5.2	41.9	13.9	8.6	18.3	8.5	16.8	9.0	16.2	15.4	11.2	16.2	10.6	13.1	16.8	22.7	14.2	29.2	
2056	7	16.1	17.5	6.0	45.3	37.7	8.3	6.8	20.8	19.1	6.6	7.6	19.3	13.7	45.3	28.8	10.7	7.1	12.8	7.7	21.9	24.7	31.4	15.3	25.6	16.7	7.6	6.0	18.5	
2056	8	15.1	17.1	4.7	35.5	25.5	26.5	10.2	4.7	13.0	10.9	9.4	4.8	18.9	12.7	20.7	28.1	6.7	12.3	15.6	15.0	15.2	10.5	16.7	34.5	13.9	23.2	10.6	35.5	
2056	9	12.6	13.4	2.0	26.3	18.0	7.5	4.9	17.0	16.0	12.6	11.8	15.4	8.4	11.1	26.3	8.8	17.4	10.7	13.5	20.0	2.0	17.8	26.2	10.4	22.9	4.9	4.5	12.6	
2056	10	6.5	7.4	2.0	16.1	5.3	15.8	10.3	12.1	4.3	8.0	4.6	9.2	11.0	6.5	11.5	16.1	8.4	4.9	4.6	5.4	2.0	6.9	6.4	7.8	2.6	5.8	6.3	2.1	
2056	11	7.2	8.1	3.9	23.9	23.9	7.5	14.4	10.3	3.9	4.3	9.3	7.5	11.5	7.8	13.2	8.6	5.4	4.3	4.5	7.4	7.1	6.6	4.5	7.0	6.0	4.3	7.3	6.9	
2056	12	4.5	4.9	1.6	12.5	5.5	2.5	4.5	6.0	12.5	8.0	1.8	6.8	2.5	4.5	2.9	4.4	5.2	3.7	2.0	5.5	7.3	5.9	1.6	10.0	3.3	3.3	2.8	5.5	
2057	1	5.9	5.9	2.3	9.8	6.7	5.5	4.4	7.6	7.7	3.8	2.4	6.9	5.6	5.4	6.6	6.2	3.9	4.3	7.8	5.0	9.3	8.7	6.8	8.2	9.8	4.7	2.7	2.3	
2057	2	3.8	5.0	1.4	14.8	5.8	2.7	3.2	2.7	9.5	6.2	3.8	8.1	14.8	2.8	2.5	3.0	1.4	4.9	1.8	2.8	7.2	5.0	2.1	3.7	10.4	3.4	4.0	8.6	
2057	3	5.4	7.1	0.8	17.1	14.5	6.4	1.2	11.6	15.6	5.2	2.9	6.0	7.6	5.4	2.0	17.1	4.6	5.1	9.2	4.8	0.8	4.0	11.8	5.4	5.1	6.0	12.9	4.9	
2057	4	6.6	7.6	0.6	15.1	13.6	3.9	4.6	15.1	12.8	2.8	8.2	13.1	11.1	6.7	5.8	11.1	3.1	5.9	5.3	0.6	6.5	11.3	12.4	3.5	9.4	3.2	8.1	4.1	
2057	5	10.7	11.3	3.0	20.3	10.4	3.9	19.5	7.9	11.3	4.8	20.3	6.2	13.5	6.8	17.6	6.2	17.6	16.8	15.3	11.0	19.1	12.5	6.5	3.0	13.6	10.1	6.3	10.2	
2057	6	11.7	14.4	3.7	49.5	11.9	18.8	9.0	4.9	8.2	8.1	8.4	12.7	21.6	23.1	13.7	10.0	3.7	49.5	16.1	34.0	11.0	15.9	5.8	8.6	6.3	18.3	11.6	14.4	
2057	7	13.5	15.0	5.7	34.4	17.1	5.7	14.6	14.0	8.3	9.5	25.7	6.9	17.1	8.1	34.4	15.6	12.6	8.4	9.7	20.0	31.1	22.6	13.8	20.2	11.6	7.9	13.3	12.0	
2057	8	15.0	17.5	5.0	30.4	28.4	14.5	8.8	15.1	5.8	13.7	20.5	16.8	13.5	10.6	11.4	5.0	21.4	29.4	30.4	11.2	24.3	10.4	24.0	10.6	26.1	27.6	14.9	27.7	
2057	9	14.8	16.0	2.7	40.5	24.9	2.7	17.7	32.1	9.1	16.3	7.6	17.1	19.1	24.7	12.7	5.2	9.1	6.5	11.1	8.6	20.8	16.0	40.5	25.9	16.0	10.4	13.6	13.5	
2057	10	6.6	8.4	2.4	20.4	2.4	11.7	13.8	3.8	20.4	11.8	15.1	6.5	4.5	7.1	6.7	16.4	4.8	5.3	8.1	3.0	5.4	6.1	4.5	8.9	5.7	11.0	6.4	12.8	
2057	11	7.0	7.7	3.2	14.3	13.3	8.3	5.9	5.8	8.5	10.1	3.2	6.6	9.2	5.8	9.5	6.3	14.3	9.2	7.3	9.5	9.0	6.8	3.7	6.1	6.2	8.6	5.8	4.9	
2057	12	5.9	6.1	2.6	10.6	6.1	3.7	7.9	4.3	5.3	7.6	5.5	6.5	5.9	5.8	10.6	4.9	6.7	6.0	7.6	7.2	3.0	8.9	2.6	5.3	4.9	6.8	7.5	5.3	
2058	1	5.1	5.9	2.1	13.9	3.8	4.7	2.7	7.6	10.2	2.1	7.1	8.8	7.5	10.5	6.8	5.5	6.4	2.3	3.2	2.6	11.4	13.9	3.6	9.2	3.9	2.6	3.0	2.6	
2058	2	4.8	5.3	1.4	15.0	3.9	3.0	6.4	8.2	7.9	2.9	6.5	4.9	8.6	4.6	2.9	3.7	4.2	15.0	5.2	6.1	2.6	4.6	4.5	5.3	4.9	5.5	1.4	4.3	
2058	3	5.1	5.9	1.9	15.2	2.9	5.6	5.7	9.4	10.7	10.8	4.7	7.5	1.9	3.5	4.1	6.9	3.0	10.8	2.9	10.4	3.9	6.6	15.2	2.0	2.2	4.0	5.9	6.0	
2058	4	5.9	6.5	2.0	15.7	8.8	2.0	3.3	3.4	5.0	6.9	2.5	4.2	8.0	6.0	4.0	7.3	3.2	7.3	15.7	6.3	4.9	12.5	5.8	10.3	11.4	4.8	8.8	2.5	
2058	5	11.5	12.2	2.6	24.9	8.5	8.8	20.1	11.5	18.9	20.8	5.5	15.8	4.8	14.0	16.2	22.0	14.2	10.6	7.9	24.9	14.4	4.9	2.6	18.3	11.6	4.8	7.9	4.5	
2058	6	11.3	14.2	4.5	42.3	10.2	12.3	42.3	8.3	30.0	18.8	11.3	21.2	5.6	26.5	7.3	7.8	12.6	26.1	9.8	12.1	11.2	9.4	15.6	17.5	4.5	5.8	9.8	6.9	11.5
2058	7	12.6	16.1	7.3	40.1	11.9	13.9	8.9	8.1	14.3	40.2	12.9	15.3	14.9	12.2	8.9	8.6	11.9	26.6	10.2	12.3	18.8	8.5	26.7	15.6	39.8	10.4	27.4		
2058	8	14.2	16.3	2.3	46.3	19.7	16.3	34.0	11.5	18.1	13.8	18.6	22.4	26.0	19.1	11.4	6.8	15.8	8.9	56.3	7.8	14.7	6.9	17.2	24.2	8.0	6.2	10.1		
2058	9	14.6	13.5	5.4	29.7	14.8	8.0	6.8	16.2	29.7	5.9	16.6	6.6	10.8	15.4	20.3	14.3	15.8	8.6	15.3	25.8	5.4	18.8	16.9	7.7	9.6	15.9	6.4	13.8	
2058	10	6.2	7.3	2.3	15.1	4.5	13.3	5.9	8.4	10.1	5.9	2.6	6.2	4.9	6.1	4.5	6.5	15.1	9.1	6.8	3.4	13.3	12.3	12.5	4.1	7.9	2.5	6.0	2.3	
2058	11	8.1	7.9	2.2	18.2	3.0	8.7	9.2	6.6	8.5	7.6	7.3	3.3	3.5	3.0	8.6	5.2	18.2	14.5	11.6	11.5	5.7	9.4	10.5	7.6	3.3	9.8	2.2	10.6	
2058	12	6.2	7.0	1.9	21.5	5.9	21.5	7.6	7.2	7.1	8.5	7.8	8.0	4.1	11.0	4.5	5.5	2.4	4.3	5.8	4.2	11.4	7.1	5.6	4.0	1.9	6.5	3.7	12.0	
2059	1	5.4	6.1	2.9	11.1	8.6	4.6	4.1	6.8	8.1	9.5	11.1	6.4	7.8	4.1	5.8	5.2	3.2	8.2	8.7	5.6	3.2	2.9	4.8	10.1	4.9	4.4	5.3	4.1	
2059	2	3.9	4.9	2.5	13.4	2.5	3.2	3.9	4.6	5.5	3.0	3.8	4.5	12.2	3.9	3.0	3.9	3.9	6.5	3.0	3.9	8.4	4.0	13.4	3.3	6.9	3.4	3.4	4.1	
2059	3	5.9	8.2	1.7	21.3	4.3	13.9	21.3	17.2	20.2	9.9	3.1	1.7	12.6	6.4	2.1	5.5	3.2	4.8	4.1	10.9	3.2	3.8	14.6	7.6	3.1	11.1	10.4	2.9	
2059	4	5.4	5.9	1.7	12.5	9.7	12.5	4.0	6.8	1.7	8.2	2.6	4.4	5.0	3.3	7.2	8.1	4.1	3.0	11.2	8.0	2.4	3.2	9.0	3.6	5.7	7.2	6.3	4.2	
2059	5	9.5	11.7	4.2	30.8	7.8	4.4	19.8	12.0	9.6	7.6	15.6	17.5	15.1	15.1	7.7	12.5	7.6	9.4	9.0	5.6	8.5	9.4	6.2	14.5	14.5	30.8	4.2	17.3	
2059	6	12.8	16.8	5.6	39.0	30.3	29.5	10.6	12.7	13.3	5.6	12.8	23.6	8.3	31.2	39.0	8.4	7.5	12.4	37.4	14.8	7.2	12.5	20.2	7.1	17.5	27.5	7.0	6.4	
2059	7	13.5	16.9	4.2	48.6	29.4	11.9	5.4	48.6	17.8	26.5	32.8	12.7	13.7	8.2	11.2	6.7	10.9	10.9	10.4	13.3	4.2	18.3	22.8	14.5	23.9	14.3	13.4	23.3	
2059	8	12.6	16.8	3.9	88.4	10.0	8.1	4.8	15.1	28.4	12.7	6.7	15.0	17.6	88.4	32.0	3.9	18.8	11.3	24.1	15.0	6.5	5.5	10.2	14.3	9.8	12.5	8.3	22.8	
2059	9	16.3	16.6	4.8	26.7	6.2	13.6	17.3	12.9	16.3	13.1	14.6	25.0	23.9	16.2	11.1	18.1	17.5	4.8	11.1	22.7	26.7	9.1	11.5	22.3	24.3	8.3	9.6	21.6	
2059	10	7.3	9.7	3.7	24.1	17.2	12.2	4.0	15.1	7.2	17.6	17.7	7.1	7.4	3.9	5.7	14.6	3.7	9.9	6.2	8.0	24.1	7.2	4.0	9.3	6.5	12.2	7.1	5.4	
2059	11	7.2	7.7	3.0	15.6	7.2	3.8	5.0	6.6	4.1	6.3	6.3	10.2	9.2	8.6	8.6	7.8	3.4	8.7	15.6	9.5	14.7	8.7	7.3	3.0	11.4	4.8	5.9	7.1	
2059	12	5.4	5.5	3.1	9.9	9.9	7.1	3.5	6.1	6.3	4.7	6.3	3.6	5.1	6.6	5.8	3.6	6.4	7.3	3.9	5.1	4.8	3.1	5.6	7.1	7.0	5.3	4.0	4.6	
2060	1	4.0	5.1	1.4	16.0	2.8	3.5	1.4	3.9	16.0	2.																			

2063	8	15.0	16.6	3.4	45.7	24.5	18.8	6.5	18.1	44.6	25.2	11.2	15.5	9.3	6.7	7.8	20.6	16.7	8.4	45.7	3.7	7.1	26.1	6.0	3.4	16.7	13.2	14.5	27.6	
2063	9	13.5	14.2	6.8	24.4	13.3	6.8	11.5	7.8	15.8	17.8	9.8	15.3	13.6	14.5	21.5	8.3	10.9	21.6	22.3	9.5	24.4	18.3	10.2	10.2	12.1	19.2	17.2	8.5	
2063	10	8.1	8.9	2.2	18.1	12.0	7.9	6.2	8.3	14.7	9.4	2.2	6.7	4.4	6.6	5.6	15.1	10.2	8.8	3.5	5.7	8.9	12.6	6.9	13.9	18.1	6.3	5.8	14.1	
2063	11	6.5	7.5	2.9	22.0	7.6	5.9	4.1	6.0	6.5	3.7	5.5	11.5	2.9	3.2	7.5	8.5	7.8	9.0	8.9	18.3	6.2	8.1	8.4	3.8	5.4	22.0	6.4	3.1	
2063	12	5.6	7.3	3.1	19.7	3.9	5.9	5.2	12.3	5.6	3.1	5.3	10.3	13.4	5.6	6.6	3.9	6.7	3.9	7.8	5.2	9.6	19.7	5.1	9.2	7.8	9.3	4.8	5.0	
2064	1	5.5	5.7	3.0	11.4	3.0	6.5	6.5	5.7	6.9	5.5	5.5	8.3	5.4	3.6	3.6	5.5	3.2	6.2	3.1	11.4	8.0	7.1	5.4	8.7	4.2	3.6	5.7	4.3	
2064	2	9.9	8.6	1.7	11.6	9.5	5.1	3.7	2.5	5.4	8.0	4.4	11.6	4.8	8.0	6.1	4.9	13.0	7.2	9.0	1.7	2.5	9.2	3.9	6.0	3.9	3.5	4.3		
2064	3	7.8	8.2	2.3	17.4	7.8	17.4	8.6	8.8	10.9	7.6	2.3	15.2	14.4	8.8	4.4	5.7	10.5	10.5	14.4	5.5	3.8	2.3	14.2	3.5	6.3	7.9	10.0	3.9	
2064	4	4.8	5.6	0.0	20.2	5.4	14.4	6.9	2.4	6.1	1.2	2.8	6.4	9.2	4.8	6.9	1.2	4.0	4.9	2.6	2.6	5.2	20.2	0.0	4.7	8.6	4.2	4.7	4.2	
2064	5	9.6	10.4	2.8	28.7	9.6	3.6	6.9	6.8	10.7	16.2	15.0	28.7	6.1	7.3	14.6	13.0	8.6	2.8	14.6	5.1	15.3	9.5	14.5	5.5	11.7	4.8	10.2	8.0	
2064	6	12.2	15.4	7.0	34.7	9.6	11.8	11.2	14.3	19.2	12.1	7.0	8.0	34.7	11.0	14.5	20.2	10.2	12.8	9.7	12.4	24.7	19.1	24.1	11.1	29.3	22.1	10.0	11.4	
2064	7	14.6	18.2	6.7	50.8	11.1	8.7	7.8	15.0	22.5	30.3	39.0	9.8	50.8	6.7	21.9	8.5	21.1	9.9	33.1	10.6	7.6	14.2	13.2	30.0	15.0	21.7	15.5	12.4	
2064	8	18.2	17.5	3.8	41.5	19.2	41.5	8.3	24.7	7.3	20.2	18.0	6.1	6.7	34.4	6.8	13.1	3.8	8.6	26.6	20.4	35.9	15.0	23.8	25.7	11.1	5.9	19.4	18.4	
2064	9	15.0	17.0	4.4	40.9	29.4	16.5	21.7	13.0	40.9	17.9	36.2	9.4	8.3	10.5	22.7	19.4	12.6	12.4	19.1	11.1	10.5	4.4	19.0	10.0	11.6	19.4	17.5	13.4	
2064	10	8.5	9.7	2.4	22.9	10.4	8.1	3.3	22.9	7.7	6.9	17.9	6.9	16.3	14.7	9.5	11.3	2.8	8.4	7.2	2.4	7.9	8.4	4.2	10.8	11.3	14.1	8.5	11.5	
2064	11	7.1	8.0	2.7	20.5	4.5	10.6	3.4	7.7	3.9	6.6	13.7	20.5	17.7	8.3	8.1	4.9	2.9	13.7	4.1	2.7	8.1	13.3	9.6	3.3	6.3	9.9	4.0	4.9	
2064	12	5.1	5.7	1.6	14.9	5.5	10.6	1.6	3.4	4.2	8.7	5.6	14.9	6.2	6.8	5.5	3.9	4.0	4.0	3.6	8.7	4.4	4.7	3.0	8.1	5.4	4.4	5.7	4.8	
2065	1	6.1	8.4	3.9	24.3	13.0	5.0	10.4	6.1	4.8	24.3	3.9	5.1	7.9	5.8	10.1	16.1	6.2	4.4	16.8	4.8	8.9	4.6	6.3	13.7	3.9	4.3	10.7	4.3	
2065	2	4.8	5.5	1.6	23.2	4.7	4.5	4.8	2.5	6.9	9.5	5.1	5.0	5.2	3.9	2.9	2.9	2.7	4.8	23.2	6.4	2.1	8.3	7.5	5.7	1.6	4.2	2.9	5.8	
2065	3	5.5	5.8	1.0	12.1	12.1	5.6	5.6	5.1	11.1	6.0	1.9	5.0	2.8	9.2	3.6	4.1	1.0	6.9	6.1	5.0	5.0	6.0	11.2	5.6	4.4	6.0	4.2	5.4	
2065	4	6.2	7.5	2.1	18.5	13.1	2.6	5.2	7.7	4.5	3.7	4.1	13.1	3.2	3.8	9.0	12.1	4.6	6.1	6.7	12.5	6.4	7.3	14.5	18.5	2.1	4.8	9.2	6.0	
2065	5	7.8	8.9	2.4	20.3	4.0	8.0	3.1	5.4	18.1	6.3	4.5	5.9	3.3	13.6	9.2	3.4	8.7	12.7	6.8	10.4	17.4	20.3	12.7	17.0	10.8	7.5	2.6	2.4	
2065	6	15.0	17.1	4.9	57.1	28.7	18.0	9.1	17.3	4.9	8.4	14.4	14.0	15.4	17.2	14.7	57.1	28.7	5.1	16.2	32.4	22.4	11.8	16.0	6.8	13.6	14.7	7.0	17.6	
2065	7	16.2	16.4	4.1	35.9	12.1	26.1	16.7	10.2	31.5	16.4	9.7	16.6	31.0	23.1	4.1	20.2	10.0	13.0	9.4	6.1	7.4	16.3	24.3	5.4	35.9	7.6	23.3	16.1	
2065	8	15.0	17.5	3.7	66.8	5.3	14.5	36.9	18.7	16.6	6.2	11.7	3.7	15.6	11.9	21.2	11.9	30.0	9.3	7.3	26.6	5.4	17.0	19.8	22.4	10.4	7.6	66.8	22.0	
2065	9	15.4	15.5	4.6	27.0	4.6	27.0	12.0	18.2	22.0	17.5	17.7	6.8	25.6	11.2	21.3	8.9	26.4	6.6	10.4	25.9	20.7	19.8	10.6	9.1	12.2	6.8	16.9	13.8	
2065	10	8.0	8.6	1.9	18.9	7.7	6.2	19.9	15.6	5.2	6.3	18.9	9.8	10.4	3.4	6.6	6.5	5.2	3.3	9.1	6.2	8.3	10.2	13.8	11.7	11.3	5.4	9.6	14.0	
2065	11	7.5	8.1	2.8	28.9	9.3	8.8	6.4	7.4	9.0	5.9	10.4	3.3	7.3	7.6	12.0	9.3	5.5	4.6	9.4	5.3	8.9	8.0	28.9	2.8	5.8	8.3	5.7	5.5	
2065	12	5.8	6.1	2.6	13.6	5.3	7.0	8.9	5.7	6.8	9.1	4.2	6.3	3.9	7.2	4.6	5.3	5.2	2.6	6.6	5.3	7.8	13.6	6.6	3.6	5.5	6.0	3.1	5.9	
2066	1	4.3	4.8	1.7	10.3	3.7	4.4	3.8	4.9	10.3	5.4	4.2	4.0	7.7	3.7	3.8	1.8	4.9	3.2	5.7	7.9	2.8	1.7	4.9	3.9	4.5	7.2	3.6	7.5	4.0
2066	2	4.7	5.5	1.7	13.1	6.4	4.6	2.7	4.6	3.0	6.7	11.2	9.1	6.6	3.7	1.7	3.7	4.9	4.8	10.5	3.5	2.8	7.1	3.1	2.8	5.7	4.0	13.1	3.8	
2066	3	5.6	6.4	2.3	15.4	4.9	7.4	2.9	7.7	6.8	7.1	6.2	3.9	4.7	2.7	3.6	11.2	9.3	9.0	15.4	3.5	13.2	9.7	3.7	6.6	4.3	3.9	2.7	5.4	
2066	4	6.2	7.5	3.1	17.8	3.1	10.0	5.0	12.9	8.1	3.6	6.2	17.8	9.7	3.9	6.9	4.8	9.3	4.9	3.2	13.9	6.1	9.3	6.5	5.4	5.5	7.8	15.7	4.5	
2066	5	11.1	11.7	4.1	38.9	5.5	8.2	10.9	14.0	10.6	18.1	13.2	4.4	5.1	6.5	22.5	15.7	13.6	38.9	12.2	11.2	11.6	5.9	6.1	8.7	4.1	11.7	15.2	5.4	
2066	6	13.3	15.8	4.4	68.4	10.1	14.5	68.4	12.8	24.9	21.5	13.8	18.7	9.5	6.3	21.8	6.7	14.5	18.1	14.1	5.2	4.4	10.8	11.0	6.1	19.4	10.1	8.9	28.5	
2066	7	15.1	17.1	7.0	49.8	15.6	9.9	8.1	30.6	19.2	10.3	10.2	9.5	10.2	25.0	21.3	40.8	49.8	7.1	7.0	11.8	21.0	14.6	18.9	8.3	17.7	16.0	9.9	17.2	
2066	8	12.4	14.9	4.2	52.0	4.2	14.6	5.6	18.9	10.0	11.3	52.0	4.6	16.8	11.5	18.2	7.2	28.9	9.3	29.3	16.3	7.1	21.4	11.8	6.0	13.7	16.4	8.9	13.0	
2066	9	15.6	16.1	2.9	29.7	13.3	16.3	7.2	11.2	9.4	29.3	19.5	25.0	2.9	25.5	11.5	19.6	18.5	14.6	15.5	8.3	29.7	10.6	15.8	23.1	9.6	9.4	18.8	18.8	
2066	10	7.8	9.7	3.6	22.3	12.1	16.1	8.1	5.2	8.3	18.7	7.4	6.9	8.1	4.6	7.7	22.0	5.5	5.2	18.2	6.9	3.6	7.7	6.8	22.3	10.8	8.1	7.9	5.6	
2066	11	6.1	6.7	2.4	13.5	7.7	5.8	8.7	6.7	2.4	13.5	5.2	10.3	2.8	6.9	5.5	10.7	3.6	8.9	6.2	9.6	4.9	11.7	6.2	4.4	5.7	6.0	3.7	4.8	
2066	12	5.0	6.6	2.1	31.6	6.4	14.1	4.7	4.5	5.4	4.4	7.2	31.6	5.2	3.6	4.5	5.6	6.4	2.1	7.8	4.8	2.7	5.4	8.6	4.1	6.9	3.7	4.5	4.2	
2067	1	4.4	6.6	1.7	29.2	3.2	1.7	6.4	8.3	3.0	9.4	3.7	5.8	5.8	3.3	13.7	29.2	6.9	4.4	2.2	8.2	3.0	3.7	9.2	2.3	2.9	4.4	14.6	4.1	
2067	2	4.2	5.0	1.4	13.4	4.9	3.1	3.4	3.1	13.4	7.6	6.1	4.5	6.5	3.9	4.2	2.0	4.1	11.9	1.9	2.4	2.5	5.6	8.5	3.9	3.8	1.4	4.4	6.2	
2067	3	5.5	5.9	1.4	14.1	4.9	6.6	4.6	3.1	6.1	12.1	5.6	4.5	2.2	4.0	9.0	2.8	2.8	6.7	6.6	5.4	14.1	6.5	5.9	12.1	2.9	8.0	1.4	3.7	
2067	4	9.2	10.6	3.9	18.5	4.3	2.7	3.2	5.4	10.3	5.0	5.9	2.7	4.3	6.7	7.2	5.0	8.1	10.4	8.1	10.4	4.5	20.6	6.5	6.4	4.2	9.9	4.8	2.8	
2067	5	8.4	10.3	1.9	20.4	18.7	8.7	7.4	15.8	1.9	5.7	5.2	5.2	18.4	15.1	17.5	8.7	17.8	3.1	3.4	8.2	20.4	7.2	6.7	3.5	4.8	18.9	11.2	13.1	
2067	6	12.1	14.9	4.9	49.3	8.6	16.3	20.9	7.8	6.2	5.0	19.6	10.2	12.0	10.0	11.5	4.9	16.9	12.7	26.2	13.1	49.3	12.2	7.0	8.8	17.5	6.4	42.6	12.6	
2067	7	13.4	16.2	6.1	48.6	8.3	10.7	36.4	8.7	8.0	6.1	7.8	15.5	14.9	8.3	8.0	8.8	16.2	16.4	12.0	20.3	16.1	25.1	10.6	10.2	48.6	19.8	36.7	15.8	
2067	8	14.9	18.1	3.4	44.5	13.2	13.7	34.9	16.1	21.7	4.																			

2071	3	5.3	6.4	2.1	18.7	4.7	3.5	7.0	2.1	18.7	16.8	2.8	6.2	3.2	2.4	6.5	5.3	5.2	8.1	4.5	10.2	5.9	4.8	8.7	3.3	8.2	2.3	11.3	2.8	
2071	4	7.2	8.0	1.1	18.7	10.0	13.0	2.2	3.0	5.8	14.1	4.0	13.9	12.5	1.1	2.8	3.7	9.6	5.2	6.7	2.5	4.0	11.5	8.1	7.7	18.7	9.4	17.3	4.8	
2071	5	9.4	11.0	3.1	31.9	16.2	13.3	4.8	21.3	15.6	3.4	5.3	7.7	22.8	11.0	4.7	31.9	17.5	5.2	6.8	11.5	6.8	11.6	7.8	4.9	7.1	12.6	3.1		
2071	6	9.9	11.4	3.9	31.3	7.2	16.7	15.2	8.8	3.9	9.9	21.8	10.7	31.3	6.1	5.9	7.8	5.5	8.2	11.6	3.9	9.1	9.9	15.3	4.1	22.8	12.1	16.9	10.6	
2071	7	14.4	14.9	2.9	33.4	9.7	15.5	3.8	27.9	15.1	12.7	18.6	17.2	21.4	10.8	2.9	17.3	15.0	6.9	8.9	11.7	7.2	12.9	21.4	14.7	14.0	33.4	12.2	25.5	
2071	8	9.4	14.7	4.7	72.0	26.3	13.4	7.4	9.5	34.3	11.5	8.6	7.7	4.7	7.8	5.9	15.9	72.0	9.3	8.8	16.5	20.3	10.7	13.2	7.5	5.8	14.5	21.3	9.1	
2071	9	19.5	18.6	6.4	31.6	20.3	14.7	6.4	22.3	17.9	37.7	19.9	20.9	23.0	9.4	6.4	19.9	30.4	24.9	23.9	10.8	23.9	13.2	19.9	31.6	13.1	8.8	8.9	19.5	
2071	10	10.0	11.2	3.3	11.7	3.3	11.7	3.3	11.7	3.3	11.7	15.6	4.7	15.0	6.8	5.3	5.5	5.6	3.3	8.3	16.2	9.6	15.2	19.8	8.0	15.4	15.0	10.9	9.4	
2071	11	7.1	8.1	3.1	21.7	3.7	3.6	3.9	21.7	7.1	4.6	11.2	11.2	3.1	14.9	14.1	8.5	9.5	6.7	3.3	12.5	7.8	5.9	7.0	3.3	9.4	7.4	6.9	6.5	
2071	12	6.0	9.1	2.6	30.1	21.3	30.1	6.5	7.3	5.9	2.6	12.0	2.8	3.4	9.5	26.8	4.9	5.3	4.8	4.2	3.4	4.4	11.4	4.8	5.9	13.0	11.0	6.1	11.5	
2072	1	4.9	6.2	1.6	19.9	4.9	4.9	4.7	6.0	7.0	1.6	12.9	6.1	3.6	6.3	11.2	5.0	6.9	4.2	2.4	19.9	3.8	4.9	3.8	7.5	8.2	3.6	4.2	4.2	
2072	2	4.2	4.6	1.2	11.0	2.8	5.1	4.7	4.9	5.9	2.9	1.7	3.2	3.6	3.1	2.8	4.5	6.2	8.1	11.0	3.1	7.8	4.8	4.8	8.5	4.0	4.4	3.2	1.2	
2072	3	5.9	6.8	2.6	11.7	11.7	4.8	10.9	10.5	7.7	6.8	11.3	5.7	6.5	6.2	3.6	5.1	3.9	2.6	4.8	4.2	10.5	5.1	6.9	2.6	11.0	9.9	5.2	5.4	
2072	4	6.2	7.4	0.0	19.0	8.3	5.7	7.2	7.3	6.1	4.2	6.3	2.7	4.8	3.8	3.2	4.6	5.3	12.0	9.4	0.0	10.1	19.0	4.4	7.3	14.3	18.5	5.2	7.2	
2072	5	9.9	11.2	2.7	25.8	14.9	8.6	19.2	12.0	14.4	9.6	16.2	12.2	10.2	12.2	7.0	2.7	6.7	4.5	16.0	25.8	5.9	9.9	3.5	11.8	9.8	9.2	4.6	13.5	
2072	6	15.1	16.9	3.9	44.0	7.3	17.6	16.6	19.1	35.3	10.2	14.2	21.1	9.4	16.9	20.4	3.9	19.9	9.0	21.7	11.8	34.9	14.1	44.0	8.2	14.0	16.0	10.9	6.1	
2072	7	15.6	17.9	5.5	61.4	17.7	17.7	8.2	61.4	19.9	25.0	21.8	13.4	18.2	7.5	14.3	9.2	27.9	5.5	7.5	41.8	22.0	14.4	9.5	11.2	7.1	16.7	21.2	9.5	
2072	8	15.6	18.0	5.0	39.0	12.6	25.6	14.3	20.6	10.7	10.1	29.1	12.6	9.5	5.0	13.6	20.3	22.7	34.3	8.7	39.0	24.5	24.5	16.7	11.5	5.4	16.9	14.5	29.4	
2072	9	15.8	17.3	3.7	55.3	32.6	4.4	8.7	3.7	11.3	17.3	55.3	27.8	16.0	32.3	19.1	19.5	23.6	10.7	10.7	19.4	25.8	11.4	11.1	20.7	15.6	5.2	7.7	6.2	
2072	10	10.3	10.4	5.1	20.6	19.1	10.3	10.3	10.0	7.3	13.4	11.0	5.1	10.6	5.1	7.0	12.8	10.5	20.6	13.2	12.7	7.5	6.8	8.9	17.6	10.5	10.4	6.0	5.4	
2072	11	7.3	8.0	2.0	17.3	10.1	10.6	7.1	2.0	10.9	9.9	12.0	10.4	2.3	3.8	5.3	17.3	7.6	7.7	6.6	9.0	5.5	4.3	5.9	14.4	5.5	3.6	6.3	14.2	
2072	12	6.2	8.2	1.7	38.4	38.4	5.0	3.2	10.0	8.9	6.4	3.6	6.1	9.9	9.0	6.3	1.7	7.6	6.6	4.0	4.0	5.6	6.6	6.6	3.6	5.8	5.9	5.3	27.3	
2073	1	6.4	7.3	1.6	24.8	3.1	3.2	11.2	6.4	3.9	5.2	3.3	6.4	1.6	24.8	7.2	6.9	8.1	7.7	7.8	11.5	4.9	4.5	15.9	3.8	9.7	9.2	2.9	6.3	
2073	2	4.8	5.2	1.4	11.0	2.4	7.2	5.3	5.1	6.7	4.1	6.2	2.6	5.6	5.1	10.0	5.0	4.4	4.7	9.8	4.0	3.5	4.2	3.5	3.9	11.0	1.4	2.8	6.9	
2073	3	5.8	6.1	1.2	12.7	2.8	4.0	4.7	2.2	1.2	5.8	3.8	12.7	6.9	3.1	6.6	3.4	5.8	8.2	8.9	9.0	7.8	4.1	9.8	11.0	3.8	6.0	11.1	3.6	
2073	4	7.8	7.8	1.6	18.6	8.9	1.6	8.2	5.6	7.2	4.1	4.7	9.1	7.5	8.2	2.6	11.9	6.9	10.6	8.8	11.0	3.1	9.6	18.6	4.3	15.2	4.6	12.8	3.1	
2073	5	9.7	12.5	3.5	45.1	4.8	42.5	15.6	12.3	8.7	13.4	12.3	6.4	4.4	9.4	18.0	21.3	45.1	5.4	12.6	9.9	3.5	5.2	5.0	14.9	11.9	3.7	7.6	5.7	
2073	6	12.3	12.1	3.2	24.8	14.4	3.9	16.0	5.4	22.6	7.4	16.6	7.0	15.2	15.0	12.1	6.9	8.5	4.2	5.5	12.5	24.8	3.2	10.5	17.0	23.6	13.0	7.8	17.9	
2073	7	14.3	17.1	5.4	58.6	16.4	32.9	8.1	14.0	22.3	30.9	8.3	9.0	12.5	9.8	19.7	6.0	14.6	19.9	7.8	17.4	20.3	58.6	22.5	5.4	20.3	10.4	11.7	12.0	
2073	8	13.5	16.3	5.7	52.5	11.3	9.6	19.1	7.8	24.5	8.5	10.1	7.0	17.0	16.0	12.6	4.7	10.2	17.0	10.0	29.8	52.5	7.5	21.7	30.5	14.5	23.5	10.3	14.6	12.5
2073	9	17.5	17.4	4.8	33.4	19.9	19.0	13.2	17.9	17.2	23.0	19.5	26.0	16.0	16.3	5.8	6.2	25.0	15.1	19.0	15.6	16.5	10.9	33.4	18.8	23.9	10.8	18.9	9.8	
2073	10	10.2	10.0	2.4	21.1	13.2	19.9	12.6	21.1	3.8	11.3	16.8	19.9	17.4	13.0	11.8	14.4	5.6	4.1	11.9	4.8	6.1	12.2	9.4	18.8	4.4	5.7	6.2	6.2	
2073	11	6.9	8.0	3.8	19.1	4.6	7.8	6.8	6.5	5.3	6.7	11.5	13.6	3.7	8.4	6.4	7.0	4.5	4.9	7.2	12.1	4.8	9.9	19.1	3.8	5.4	10.2	10.4	6.0	
2073	12	5.7	5.7	2.0	11.1	11.1	5.6	5.1	2.6	6.0	8.2	6.5	4.0	3.7	9.6	5.9	8.4	5.8	4.3	2.0	4.6	2.5	6.0	8.9	4.9	7.3	6.2	2.0	2.0	
2074	1	6.5	6.9	2.1	14.7	6.7	14.6	5.1	5.3	2.2	4.9	7.2	3.9	14.7	6.9	6.1	6.6	6.4	10.8	3.6	7.1	6.0	2.4	2.1	9.9	8.3	12.5	3.5	8.2	
2074	2	5.5	7.1	2.1	21.4	7.4	5.7	6.3	4.4	5.8	5.5	5.1	21.4	2.1	4.3	7.8	10.3	3.4	14.0	4.7	2.7	4.3	14.1	5.5	2.9	8.2	5.4	4.5	14.2	
2074	3	5.5	6.0	1.8	12.3	7.5	4.3	3.8	4.5	4.4	5.2	12.3	7.0	7.5	3.9	10.6	1.8	2.0	5.4	4.8	8.3	2.8	2.9	8.4	8.8	5.6	6.5	10.6	5.9	
2074	4	7.4	8.1	1.6	17.0	3.3	12.2	13.6	8.4	2.4	9.7	1.6	9.7	4.4	2.1	4.6	17.0	14.9	15.7	10.8	6.0	3.7	9.8	4.8	7.8	14.3	6.9	5.7	4.0	
2074	5	9.6	11.0	1.1	27.0	5.5	5.0	27.0	12.3	6.6	10.9	15.4	13.2	8.3	7.7	16.9	2.8	15.7	3.3	5.9	7.4	6.4	14.1	13.1	2.1	1.1	25.7	15.8	22.7	
2074	6	11.3	14.4	7.1	39.4	21.1	18.1	19.1	8.1	11.2	8.2	8.8	14.5	28.1	8.3	7.1	7.2	11.2	10.8	27.0	11.4	14.8	24.0	39.4	8.3	8.5	11.9	7.4	12.2	
2074	7	13.0	16.4	7.9	72.7	13.7	8.0	17.0	9.7	21.0	18.7	11.3	17.5	11.6	15.1	12.6	9.0	13.7	19.2	11.1	11.4	8.9	30.3	9.2	7.9	10.5	19.4	13.5	72.7	
2074	8	12.9	14.8	4.1	38.5	13.8	12.2	10.1	6.6	38.5	13.6	15.2	20.0	25.1	12.2	8.4	4.5	8.7	26.4	7.7	4.6	4.1	16.4	15.5	7.7	24.2	7.7	21.2	30.1	
2074	9	16.1	18.4	5.5	32.1	12.4	22.9	8.8	30.7	26.1	29.7	15.4	27.4	18.8	6.7	24.3	12.5	5.5	6.2	32.1	19.5	31.7	15.8	8.6	9.2	11.7	31.9	14.3	10.9	
2074	10	7.3	8.5	3.7	21.5	4.2	3.7	2.2	11.7	11.9	8.9	13.9	12.6	6.8	6.7	9.1	4.2	7.3	8.9	7.1	17.4	5.4	7.9	5.9	3.4	3.8	6.2	21.5	5.7	7.3
2074	11	6.4	6.8	3.0	17.3	5.8	7.5	3.7	6.7	6.3	17.3	11.3	5.2	3.8	11.1	5.3	8.0	6.8	9.0	6.1	6.7	6.0	12.6	10.3	4.0	3.2	4.4	5.0	6.9	
2074	12	6.4	6.7	1.5	12.2	6.7	3.9	4.6	9.1	12.2	11.4	11.3	4.5	5.8	9.8	8.9	6.1	7.8	4.8	7.4	2.6	1.5	10.0	4.0	3.1	8.0	5.9	7.4	4.7	
2075	1	5.7	6.7	3.1	22.4	3.6	7.3	3.1	5.6	5.9	4.2	3.8	5.3	6.9	3.1	3.5	5.2	6.6	4.7	3.7	6.2	14.5	22.4	9.5	8.6	7.9	8.8	4.2	6.0	
2075	2	5.0	5.8	2.4	13.8	3.5	2.8	3.2	3.6	5.1	4.2	13.8	3.3	13.3	8.1	7.4	3.2	6.4	8.3	7.7	5.4	4.7	7.8	5.9	6.9	4.8	3.0	3.1	2.4	
2075	3	5.9	6.8	1.0	19.9	5.5																								

2078	10	7.5	8.9	2.1	22.0	11.0	22.0	6.3	6.8	12.4	9.6	3.3	2.1	2.1	7.1	20.0	4.7	8.9	5.9	6.6	14.3	4.6	8.3	7.8	4.4	6.9	15.9	9.9	12.3	
2078	11	7.3	8.8	3.2	19.2	7.3	5.2	4.3	14.0	15.5	5.8	19.2	6.9	9.6	6.6	12.1	7.3	13.3	5.8	5.2	14.9	3.2	8.9	12.2	8.0	5.0	7.4	5.1	9.2	
2078	12	5.3	5.5	2.1	9.8	6.0	3.6	7.6	9.1	7.3	7.5	5.6	2.2	4.5	5.8	3.8	5.8	8.0	3.4	9.8	3.4	4.1	3.7	4.7	7.6	4.9	2.1	5.1	6.8	
2079	1	5.3	7.2	1.9	25.4	6.6	5.6	5.8	3.7	7.8	24.6	11.6	7.3	3.7	1.9	12.8	7.8	4.0	5.4	3.6	3.8	3.0	1.9	25.4	8.4	5.2	4.7	4.1	5.0	
2079	2	5.7	7.1	2.0	17.6	4.6	10.5	17.6	5.3	6.5	8.7	13.9	8.3	6.3	2.0	7.8	3.6	5.3	2.5	6.1	4.0	3.7	3.3	5.2	13.8	3.7	5.2	7.9	14.1	
2079	3	4.9	5.3	1.9	16.3	16.3	5.9	7.0	3.3	5.7	3.0	5.0	3.5	4.8	2.4	4.6	1.9	2.5	10.9	7.1	3.8	5.1	2.4	5.0	5.4	4.6	5.8	7.8	4.6	
2079	4	5.1	6.8	0.8	23.1	13.8	2.7	3.9	4.7	13.7	12.6	6.4	2.8	5.3	2.6	23.1	7.9	10.4	7.5	9.4	4.0	3.4	4.3	7.4	3.7	1.1	10.4	4.8	0.8	
2079	5	7.9	8.7	4.7	17.1	8.2	11.3	6.3	9.1	6.0	7.0	10.6	6.5	7.1	6.1	11.1	17.1	10.4	7.6	6.1	10.5	11.2	10.5	11.2	8.9	9.5	4.3	15.2	15.2	
2079	6	10.6	13.6	3.3	39.2	10.5	39.2	10.7	5.0	21.8	29.0	3.3	7.2	21.9	7.1	11.1	20.3	4.9	6.7	17.7	11.6	11.9	9.9	10.5	16.7	4.5	5.6	8.9	30.0	
2079	7	16.9	20.1	7.3	56.2	12.0	15.5	36.7	9.2	17.5	44.0	7.6	7.3	25.6	11.8	13.3	16.2	19.5	20.6	8.3	56.2	32.0	8.3	30.5	32.8	20.0	9.5	19.6	8.9	
2079	8	10.9	16.6	6.1	59.4	8.8	59.4	14.1	25.2	13.9	11.2	6.7	6.1	8.8	11.1	46.3	10.3	10.5	18.5	6.3	38.6	6.8	8.5	28.1	14.9	10.6	16.9	8.8	8.4	
2079	9	16.7	18.0	6.1	31.4	10.5	18.4	28.1	12.4	23.6	21.5	12.1	30.6	21.9	6.1	10.6	12.4	17.5	24.0	10.9	21.6	31.4	14.8	15.9	19.4	13.6	12.2	14.7	27.3	
2079	10	7.0	7.4	3.0	16.2	7.4	4.5	4.3	7.2	9.7	6.5	7.4	12.8	4.9	13.5	6.9	7.1	9.0	7.6	7.9	3.0	5.0	16.2	5.1	9.1	5.6	6.5	5.4	5.5	
2079	11	7.8	8.6	2.6	19.2	11.8	4.1	2.6	3.3	7.6	7.3	19.2	12.2	11.0	11.9	7.9	7.0	6.6	10.2	7.7	5.4	9.2	11.5	6.0	3.2	16.2	10.5	7.8	6.1	
2079	12	6.2	6.7	2.5	11.0	4.7	6.6	6.5	8.5	6.3	10.6	5.6	2.5	10.3	4.4	9.9	7.2	8.3	4.7	4.8	8.3	6.0	7.6	5.5	5.7	3.1	11.0	6.1	6.1	
2080	1	5.5	5.8	1.6	12.2	7.0	1.6	6.4	11.4	5.7	3.0	5.5	6.5	7.9	12.2	3.6	5.3	4.5	5.5	3.6	6.4	6.6	5.0	8.2	2.6	4.3	5.4	5.6	5.3	
2080	2	5.6	7.1	1.9	16.2	16.2	5.1	10.1	6.4	6.5	5.4	5.2	10.5	5.7	3.4	4.1	14.3	3.1	4.3	16.2	6.3	8.2	4.0	4.1	5.2	1.9	5.4	7.9	10.1	
2080	3	5.7	6.9	1.2	17.7	4.2	3.9	12.2	6.8	8.9	4.3	12.0	3.2	1.6	6.0	4.2	6.0	12.2	2.8	3.6	2.9	7.7	5.4	17.7	4.7	1.2	10.9	13.9	9.3	
2080	4	6.7	6.9	1.3	15.9	1.9	3.5	7.8	7.0	3.4	9.6	1.3	9.1	2.5	6.5	10.3	7.0	7.3	6.2	2.7	7.9	5.8	10.2	9.7	4.4	2.6	3.6	14.4	15.9	4.2
2080	5	11.8	13.3	5.8	33.5	14.8	10.6	10.6	11.1	12.8	13.7	27.6	10.6	11.1	5.9	5.8	18.3	23.4	12.3	5.8	10.8	11.9	12.0	11.3	33.5	7.8	16.3	6.5	8.9	17.8
2080	6	10.3	12.4	3.3	43.7	14.5	19.4	43.7	30.0	11.6	8.9	7.1	3.3	12.6	10.2	10.8	10.4	7.9	8.8	10.3	12.0	12.7	5.4	8.3	5.6	6.4	15.9	9.5	11.8	
2080	7	13.7	15.4	5.2	36.3	13.4	12.6	8.2	14.2	16.4	7.6	9.7	26.2	10.4	17.4	5.2	18.7	12.9	13.7	7.5	16.0	21.9	7.3	14.5	13.8	13.7	28.8	24.2	36.3	
2080	8	16.2	20.6	6.0	93.6	26.3	6.9	18.9	17.2	12.2	6.2	24.8	7.9	9.5	93.6	17.3	10.4	6.0	8.8	13.1	38.9	57.5	20.5	20.2	23.2	8.7	9.2	21.2	15.1	
2080	9	12.9	14.6	4.2	33.2	33.2	6.8	22.6	21.9	4.4	6.8	14.7	31.3	10.0	21.6	8.1	8.1	4.2	5.6	13.8	17.7	12.0	15.7	28.3	10.2	15.3	19.4	9.7	9.3	
2080	10	7.6	8.8	2.5	20.1	4.7	7.1	7.6	7.6	6.3	3.8	8.3	9.3	5.9	17.1	2.5	5.6	19.8	10.1	5.2	14.8	15.2	2.8	10.5	8.1	9.5	20.1	4.2	4.5	
2080	11	7.5	9.1	3.0	20.2	3.2	10.6	7.8	7.4	12.4	3.8	13.2	7.3	10.5	6.1	20.2	3.6	18.9	16.1	5.5	15.6	6.1	7.0	6.6	4.1	7.7	11.3	3.0	10.5	
2080	12	5.8	6.3	1.3	14.6	5.1	5.6	7.4	5.5	1.3	5.7	6.8	10.6	2.9	13.0	8.0	7.9	4.6	4.0	4.7	2.6	1.9	5.9	14.6	6.0	8.3	4.3	7.4	7.8	
2081	1	5.3	6.6	2.4	25.2	7.5	4.5	2.4	4.9	6.5	4.6	12.0	4.1	7.6	5.6	8.5	5.8	4.9	4.1	4.0	25.2	3.6	4.3	5.8	4.6	7.2	3.3	10.1	7.4	
2081	2	5.0	5.3	2.2	10.5	7.0	4.9	5.5	3.0	4.7	3.2	3.5	10.5	6.2	3.9	2.2	3.8	4.1	9.4	7.9	6.3	5.2	3.6	6.9	5.6	5.2	6.3	4.3	4.3	
2081	3	5.8	6.5	2.4	14.1	5.2	2.6	3.0	4.3	5.4	10.8	4.0	7.7	7.6	3.3	2.7	6.1	7.5	9.9	7.9	4.8	4.8	9.8	2.4	14.1	12.7	3.6	8.2	7.7	
2081	4	7.1	7.8	1.5	20.9	10.3	8.9	5.1	3.1	5.4	7.8	6.9	4.8	8.6	6.8	3.2	7.5	4.7	7.4	70.8	5.2	13.9	9.4	20.9	17.7	1.5	7.3	5.4	5.4	
2081	5	12.7	12.4	3.7	25.4	13.6	29.4	15.6	13.5	12.3	18.7	23.6	12.5	14.9	13.1	6.0	13.8	5.6	5.9	13.2	10.9	3.7	14.9	5.3	17.7	10.2	3.7	14.9	5.6	
2081	6	10.9	11.5	3.7	19.2	13.9	3.7	11.2	12.6	19.9	10.2	10.6	13.5	17.6	5.7	7.6	10.6	10.5	6.2	6.5	11.7	7.0	13.4	12.1	15.2	24.0	11.6	5.7	7.7	
2081	7	13.5	15.5	5.0	34.8	11.5	34.8	8.2	13.8	33.2	11.6	6.8	23.8	17.7	18.4	14.3	8.8	26.8	7.6	22.0	13.2	9.6	9.9	14.6	11.8	7.8	5.0	21.1	10.5	
2081	8	10.3	12.6	3.8	50.8	10.7	8.0	8.3	15.1	9.9	18.8	6.4	3.8	10.0	9.1	13.7	3.8	50.8	6.5	3.8	12.4	12.4	25.0	11.9	10.9	7.4	15.5	20.7	6.8	
2081	9	14.4	17.1	3.7	51.6	11.0	34.9	20.4	21.8	14.4	25.7	7.0	25.6	9.8	12.9	12.7	8.3	14.5	20.5	9.1	3.7	15.7	25.7	18.5	8.0	13.3	15.0	9.6	9.6	
2081	10	7.2	8.5	2.7	16.8	8.8	6.8	16.8	6.5	9.1	7.1	5.1	5.3	6.3	12.7	8.8	8.6	6.7	5.9	11.3	9.0	9.2	10.0	2.7	6.4	5.7	7.0	14.7	7.4	
2081	11	8.6	8.7	2.8	19.6	8.7	7.8	2.8	10.0	4.7	8.5	13.3	4.5	6.6	11.0	8.9	5.9	7.9	7.2	11.8	4.6	9.4	5.9	12.6	9.5	5.5	19.6	9.5	13.4	
2081	12	6.8	7.1	2.0	13.6	13.6	7.3	7.5	5.1	6.2	3.7	9.7	8.3	3.6	10.0	5.4	3.6	9.9	3.9	2.0	4.1	3.6	4.7	11.5	4.4	12.3	9.9	10.7	8.8	
2082	1	6.3	6.7	2.0	21.6	6.3	2.0	5.2	7.7	11.0	4.1	5.0	4.7	6.3	4.1	9.3	21.6	7.0	10.0	4.7	6.5	4.4	6.9	6.8	2.0	8.5	4.9	10.8	2.4	
2082	2	6.3	5.7	1.8	11.4	5.4	9.0	7.0	3.1	3.0	11.4	6.6	6.3	3.9	6.3	8.2	6.9	2.9	5.0	4.3	6.2	1.8	8.0	6.9	7.3	2.7	5.9	6.7	2.8	
2082	3	5.8	7.1	2.8	18.4	10.7	3.9	6.2	11.7	18.4	6.3	4.3	3.5	3.4	3.0	10.6	16.0	6.1	5.7	5.5	10.3	12.5	3.4	5.3	6.0	6.8	2.8	5.6	3.2	
2082	4	7.8	9.0	1.1	18.6	6.1	5.9	5.6	18.6	11.9	3.6	8.6	12.6	5.2	8.4	7.3	16.9	5.9	17.7	13.7	3.4	4.9	6.5	1.1	17.9	2.6	13.8	10.0	4.8	
2082	5	9.0	10.6	2.7	24.9	8.6	5.6	9.9	10.5	12.9	6.5	9.3	8.3	6.4	18.3	2.7	3.6	17.1	17.7	8.7	24.9	7.7	9.2	18.6	8.1	7.2	11.5	15.9	9.2	
2082	6	13.7	14.4	6.2	34.5	7.9	7.9	14.5	15.9	7.8	20.3	21.3	29.9	19.3	7.2	19.9	7.0	13.3	12.3	16.6	8.1	19.6	13.2	34.5	10.0	13.4	6.3	7.4	7.4	
2082	7	14.7	20.4	6.0	59.5	32.8	7.8	53.7	36.3	35.6	9.3	15.0	15.2	8.8	27.8	20.6	10.8	9.1	10.8	31.2	14.1	12.5	59.5	16.1	16.4	6.0	14.3	10.7	14.1	
2082	8	12.3	16.2	4.1	61.1	7.8	61.1	6.5	27.9	19.1	15.1	9.8	4.1	18.5	8.9	8.5	8.2	8.0	21.5	12.3	7.5	10.8	23.9	12.4	8.8	25.1	22.3	25.5	14.8	
2082	9	11.5	13.9	6.0	27.2	14.0	12.3	14.5	10.6	21.8	21.6	12.4	10.4	6.0	7.3	10.3	10.4	9.2	7.8	20.1	22.7	20.0	16.5	10.2	27.2	9.7	19.1	9.0	10.5	
2082	10	9.2	9.3	1.9	15.7	13.4	6.5	9.8																						

2086	5	8.8	9.4	0.7	18.9	5.2	16.6	7.6	0.7	9.0	2.1	14.1	11.5	2.6	8.6	3.2	13.7	12.7	9.9	6.8	5.7	17.8	17.9	4.4	5.7	9.6	13.8	7.5	18.9	
2086	6	13.0	16.8	4.7	58.9	29.2	18.3	16.7	7.5	13.7	7.7	12.0	4.7	34.9	12.2	58.9	5.2	16.5	11.5	22.5	12.4	10.5	14.0	31.2	9.4	6.8	14.5	26.6	5.4	
2086	7	12.3	17.1	6.1	49.5	19.1	18.3	19.1	6.7	9.6	20.5	9.8	11.6	19.1	49.5	12.6	7.5	43.3	10.8	11.5	16.3	6.1	6.5	29.4	7.9	40.5	11.9	12.7	10.3	
2086	8	12.4	14.0	5.3	37.1	8.3	8.6	12.2	15.0	11.3	37.1	5.3	7.8	12.6	6.9	24.1	5.9	22.2	20.0	23.7	9.5	13.0	12.6	13.9	8.5	7.5	25.1	11.8	14.2	
2086	9	17.8	18.8	5.5	42.1	29.6	14.3	42.1	21.9	7.5	11.8	11.0	14.6	19.1	12.1	25.5	21.0	24.9	40.3	26.3	11.2	16.5	7.5	19.1	20.0	5.5	6.0	14.6	28.2	
2086	10	9.2	9.6	2.5	21.5	6.0	20.6	11.4	5.6	17.4	3.1	2.5	12.7	9.5	5.9	3.5	17.6	5.3	7.7	9.5	12.9	21.5	4.2	9.0	10.2	9.7	8.7	3.9	12.3	
2086	11	10.1	9.6	2.4	20.6	10.6	5.0	5.1	10.4	2.4	16.4	11.6	20.6	11.8	9.7	7.3	13.0	8.8	5.9	7.3	5.4	5.0	10.0	10.5	2.7	13.5	15.0	10.9	12.7	
2086	12	9.5	9.5	2.5	18.6	9.7	4.1	6.1	9.7	7.6	5.5	18.6	7.4	4.3	7.1	8.5	7.1	8.9	3.4	4.6	3.8	8.0	7.7	2.5	4.2	5.6	3.7	6.0	5.1	
2087	1	6.0	6.9	3.0	18.9	6.7	3.7	6.8	3.2	4.7	8.2	5.5	5.8	18.9	7.2	5.8	3.3	8.9	14.3	9.4	6.2	9.1	7.1	5.8	8.9	3.9	3.6	5.7	3.0	
2087	2	5.5	6.2	1.3	18.7	7.0	3.9	4.4	7.3	7.0	5.3	9.0	1.3	5.2	2.6	7.9	5.7	4.6	2.2	8.4	1.3	18.7	4.0	7.9	3.8	5.6	17.2	3.0	5.6	
2087	3	5.3	6.3	0.8	11.7	4.5	5.4	1.7	11.6	4.7	5.2	2.6	7.3	5.4	4.1	0.8	11.7	3.6	4.5	8.4	8.0	5.7	9.6	8.5	11.6	5.0	5.1	10.4	5.1	
2087	4	6.3	7.0	1.7	16.7	16.7	6.1	3.0	1.7	5.4	6.6	10.1	10.8	5.6	2.9	5.7	3.9	7.2	8.7	8.6	2.4	4.7	8.2	10.8	5.9	11.6	6.8	10.3	3.3	
2087	5	12.9	13.5	4.2	23.9	12.9	23.4	19.5	4.2	11.3	15.2	16.2	6.3	19.0	21.5	7.0	23.9	5.8	4.9	7.5	14.4	12.5	7.8	18.7	11.7	17.3	12.8	10.6	19.6	
2087	6	12.0	14.6	5.3	31.4	27.5	20.5	31.4	5.6	7.0	10.4	25.5	9.2	14.4	15.4	16.7	9.5	20.2	16.1	15.4	5.3	11.1	6.1	11.1	12.0	9.8	12.0	10.6	26.6	
2087	7	12.2	13.7	5.0	29.3	19.7	15.5	14.0	28.3	11.7	9.3	19.7	8.1	11.5	6.6	10.3	5.8	29.3	8.3	10.2	5.0	22.3	6.2	22.6	9.1	12.7	15.2	14.1	13.4	
2087	8	12.8	14.5	4.1	33.5	12.4	33.5	15.7	19.7	16.7	9.3	25.6	8.6	12.5	14.4	16.0	9.0	8.7	10.2	11.5	15.0	11.9	13.1	30.3	16.0	4.1	9.5	15.6	9.9	
2087	9	18.9	18.3	4.4	34.3	20.3	11.5	21.4	18.4	21.7	7.3	26.9	32.6	15.1	26.9	19.4	8.7	21.5	9.1	15.1	8.2	4.4	14.9	19.8	29.2	9.6	34.3	14.6	29.4	
2087	10	7.5	9.2	2.0	24.4	13.9	14.6	2.0	3.6	8.1	4.6	11.3	24.4	8.2	6.2	14.4	7.7	4.4	5.9	7.1	19.3	6.8	7.9	7.2	7.8	5.7	21.7	3.1	4.7	
2087	11	8.4	8.1	2.4	15.5	6.6	15.5	2.6	5.5	10.0	6.5	11.1	13.0	9.5	5.7	5.1	4.1	8.2	2.4	11.3	10.8	10.6	13.4	10.2	10.7	8.6	6.8	2.5	2.9	
2087	12	5.7	6.2	3.0	13.5	6.1	5.3	5.0	8.6	7.2	3.0	4.7	4.1	5.3	5.5	6.9	5.3	8.1	8.3	3.0	6.0	4.9	13.5	8.5	10.1	7.0	4.2	3.6	6.3	
2088	1	5.7	6.6	0.9	17.7	11.4	17.7	5.7	2.7	7.9	6.5	5.7	3.9	3.1	5.7	3.9	8.9	6.4	3.9	5.5	12.5	11.6	3.2	5.1	3.3	6.7	5.9	0.9	5.4	
2088	2	4.8	4.8	1.0	10.8	4.0	5.0	2.4	2.7	5.3	3.8	8.1	4.3	6.4	2.6	4.1	4.7	5.6	5.7	5.5	5.5	2.4	4.6	5.7	3.6	5.7	10.8	5.0	1.0	
2088	3	6.0	6.7	2.2	17.8	6.4	14.8	7.2	3.4	7.9	9.6	3.7	5.8	4.6	6.4	7.9	2.5	5.7	6.8	17.8	12.4	5.4	2.2	5.0	7.0	4.4	6.3	3.0	4.8	
2088	4	7.5	7.7	2.3	16.4	9.3	10.2	4.2	8.4	5.4	4.2	11.7	10.9	8.1	6.8	6.0	13.1	2.3	4.2	9.0	2.9	15.2	3.7	3.9	3.4	10.9	3.8	16.4	10.2	
2088	5	13.3	12.2	3.0	23.0	7.4	4.7	6.7	6.8	6.1	6.1	3.0	21.3	23.0	18.5	14.5	13.1	13.6	15.7	14.9	15.8	10.1	9.3	20.8	16.4	4.8	15.7	15.9	7.7	
2088	6	14.3	14.8	4.9	27.8	13.4	25.5	16.6	8.3	9.3	5.1	10.2	17.0	27.8	10.3	8.1	18.0	27.4	21.5	6.5	13.5	7.9	15.2	21.5	9.2	17.3	15.1	4.9	25.5	
2088	7	17.2	18.5	4.1	49.6	39.0	33.9	21.8	12.4	4.8	18.2	9.0	4.7	11.5	21.5	18.1	23.4	34.4	17.3	12.1	19.5	6.0	10.2	34.2	7.7	14.4	49.6	4.1	17.1	
2088	8	14.4	21.6	3.2	72.5	72.5	14.0	9.5	22.7	35.3	37.8	8.2	31.9	6.0	69.2	10.5	8.9	33.5	15.4	3.2	12.3	22.1	8.2	14.9	13.6	7.3	8.6	32.4	21.2	
2088	9	15.6	15.8	2.1	30.7	22.9	7.5	17.1	15.2	17.0	21.9	17.3	28.5	16.0	30.7	8.3	2.1	3.2	24.7	26.7	9.7	29.1	26.1	12.6	9.0	10.7	6.9	22.4	15.1	3.9
2088	10	8.5	10.4	3.9	23.4	23.4	13.3	8.2	3.9	10.3	7.3	17.1	10.4	7.9	11.4	6.4	8.9	7.4	6.0	22.5	12.8	14.7	8.9	7.5	8.1	14.1	5.1	6.8	7.1	
2088	11	8.9	9.9	3.0	21.7	13.7	7.4	13.7	13.3	12.3	7.2	7.7	21.7	3.0	8.8	4.0	3.8	8.4	19.3	5.7	12.4	11.9	15.0	4.1	1.7	13.5	5.5	10.7	10.7	
2088	12	7.1	7.4	2.5	14.9	7.0	14.9	10.3	11.7	5.4	4.0	4.6	11.7	9.0	7.2	6.2	13.4	8.1	13.4	7.3	6.3	7.0	2.7	9.0	2.5	5.7	4.5	2.5	7.6	
2089	1	5.9	7.5	2.2	14.8	6.9	5.1	4.3	19.6	6.9	6.3	5.4	4.1	3.1	6.2	5.6	4.8	5.6	7.1	7.1	5.5	24.8	2.2	4.9	14.0	10.2	4.1	10.2	4.6	
2089	2	5.8	6.1	2.2	18.0	8.6	2.2	3.3	5.9	4.2	7.6	6.6	8.9	6.7	4.1	4.7	3.4	5.0	4.6	7.7	4.4	6.4	6.9	6.7	6.4	3.9	4.7	5.6	18.0	
2089	3	6.0	7.7	2.3	31.0	3.8	9.3	5.4	10.0	5.6	6.8	4.6	5.9	8.3	4.6	3.3	31.0	2.3	6.6	5.4	3.8	5.4	7.1	6.1	13.6	9.1	6.2	18.3	3.4	
2089	4	6.2	6.5	1.0	15.0	3.9	2.9	5.5	12.4	8.1	6.8	6.3	8.0	5.2	3.3	4.9	4.3	3.9	6.3	7.5	2.8	1.0	13.4	15.0	7.3	2.7	8.8	8.4	6.1	
2089	5	10.3	11.0	1.1	21.2	16.2	5.6	21.2	9.8	3.8	9.2	12.3	5.9	20.3	1.1	18.1	14.0	8.2	8.4	16.1	10.8	6.4	10.9	9.6	9.4	12.0	13.0	14.7	7.8	
2089	6	9.8	13.2	2.9	39.6	6.2	8.4	8.4	21.0	25.1	7.2	5.6	19.2	12.1	33.6	14.8	23.0	16.4	8.4	9.8	2.9	22.1	12.8	8.1	7.8	9.0	9.9	8.3	16.2	
2089	7	15.4	16.6	3.9	41.7	4.7	14.0	13.5	25.0	22.1	15.8	3.9	20.4	27.4	15.3	11.4	6.1	9.1	21.9	17.4	15.4	27.0	10.6	8.8	30.9	16.5	41.7	6.2	12.1	
2089	8	12.5	17.0	5.3	78.8	8.5	8.5	22.6	24.5	8.7	17.1	10.1	11.4	19.8	13.7	12.1	5.3	25.5	8.0	16.4	78.8	12.8	23.9	10.7	7.3	5.9	22.4	12.1	21.1	
2089	9	14.9	18.0	3.7	36.2	11.5	3.7	9.2	14.1	12.1	14.6	7.3	16.9	10.3	19.5	15.3	21.8	26.7	35.5	36.2	11.6	31.4	12.8	20.3	24.9	12.8	24.5	14.6	23.5	
2089	10	8.0	9.5	3.4	22.1	6.6	7.9	8.2	13.8	7.5	7.8	7.2	3.9	6.7	8.8	12.1	4.1	15.0	19.5	10.3	10.1	4.1	7.0	3.8	12.7	22.1	3.4	9.9	14.7	
2089	11	7.4	7.9	3.1	16.4	4.6	10.5	9.4	6.3	14.1	8.6	4.2	3.1	9.4	11.4	7.4	9.1	11.9	4.7	3.3	16.4	7.4	3.6	8.9	12.5	3.4	6.5	6.1	6.1	
2089	12	7.3	7.3	2.0	12.0	13.4	7.6	7.6	5.7	4.8	7.2	8.3	11.2	5.1	6.9	11.0	6.9	8.1	12.0	4.5	8.6	6.2	11.9	7.4	6.0	8.4	3.7	2.0	7.3	
2090	1	4.6	6.0	1.9	21.1	2.9	3.9	21.1	2.1	4.5	3.9	6.9	3.9	2.6	2.8	1.9	8.1	4.7	11.1	4.3	4.4	6.9	9.6	3.3	5.4	9.3	7.8	5.8	5.4	
2090	2	5.5	6.5	1.8	18.5	5.7	7.1	6.9	9.8	5.2	5.5	5.5	4.6	4.0	15.0	18.5	1.8	6.9	5.1	2.9	10.6	5.1	6.8	8.6	1.9	6.2	5.4	5.8	2.2	
2090	3	6.0	6.1	1.7	16.2	7.3	3.5	1.8	9.6	9.4	9.8	6.5	10.8	7.7	8.3	5.5	2.7	7.2	16.2	4.3	1.7	3.4	6.5	3.7	4.4	2.5	3.2	6.8	3.9	
2090	4	6.9	7.4	0.4	19.8	10.5	11.6	4.1	12.1	7.0	2.6	11.1	11.9	5.7	2.0	4.6	7.1	4.0	6.8	19.8	14.7	13.5	3.1	1.3	4.3	7.6	0.4	10.6	2.1	
2090	5	11.3	12.5	3.0	37.1	1																								



2093	12	7.7	9.4	2.8	27.5	10.6	7.4	7.6	14.6	9.2	3.2	3.7	17.6	5.4	27.5	11.4	21.0	6.4	3.7	2.8	5.8	8.7	6.5	5.8	12.2	4.8	11.2	10.1	7.7	
2094	1	5.2	5.7	2.0	10.9	8.6	3.1	5.5	7.1	10.9	4.7	4.8	6.4	4.3	7.5	8.2	4.9	4.6	6.1	2.0	4.5	7.9	3.0	4.2	6.2	7.4	5.0	3.6	7.5	
2094	2	5.5	5.8	1.7	15.4	4.9	4.1	4.0	3.1	1.7	2.4	15.4	7.1	6.3	6.0	6.4	5.3	5.5	4.0	5.4	6.2	7.1	4.3	4.9	9.7	7.7	8.9	5.6	4.3	
2094	3	4.9	6.8	1.3	20.3	11.1	2.9	3.5	12.0	4.7	3.8	2.9	3.3	1.3	4.1	6.7	14.1	3.9	5.2	14.9	3.2	9.2	7.1	6.9	3.9	20.3	7.3	7.1	4.0	
2094	4	7.2	8.7	3.4	23.6	9.9	5.4	3.4	5.1	13.9	9.0	7.8	9.3	6.0	6.5	6.7	23.6	4.9	5.9	9.5	4.1	12.4	9.6	18.5	7.8	5.7	13.0	6.4	4.7	
2094	5	10.5	12.8	1.4	30.3	30.3	5.0	9.7	9.3	6.2	10.9	8.0	10.7	15.8	9.8	7.7	23.3	27.6	8.4	13.4	1.4	18.5	16.2	17.7	3.7	11.5	24.9	10.2	7.2	
2094	6	11.9	13.3	4.4	39.4	19.1	19.5	23.9	13.3	15.8	5.1	10.3	12.4	15.9	31.5	10.0	4.4	7.3	9.9	39.4	15.5	7.7	13.3	14.9	7.2	13.3	8.4	4.8	4.9	
2094	7	13.3	14.2	2.8	48.6	12.8	12.8	10.0	14.7	12.8	20.9	13.8	9.5	15.9	12.5	24.1	11.9	2.8	15.0	8.7	9.3	13.0	15.7	19.8	28.6	14.7	11.6	7.8	18.9	
2094	8	11.2	13.1	4.3	36.3	14.4	10.4	9.7	5.0	18.9	4.3	9.6	11.1	19.9	20.9	13.2	11.2	4.6	36.3	9.0	12.3	13.2	14.1	29.3	7.4	7.1	18.0	7.5	7.9	
2094	9	17.2	16.8	3.5	36.6	12.6	6.0	21.3	21.1	19.8	36.6	13.6	8.3	26.6	24.1	17.9	9.6	24.4	16.8	28.5	8.1	25.0	11.8	3.5	8.6	8.7	24.5	7.1	17.7	
2094	10	9.1	9.7	3.0	18.1	7.3	10.8	4.9	6.4	14.1	6.0	6.6	18.1	5.1	9.8	10.0	5.8	8.4	13.1	17.6	16.2	10.8	7.1	3.0	8.5	7.2	14.9	9.9	11.1	
2094	11	8.4	9.0	3.1	21.2	10.1	10.2	6.4	7.2	6.3	6.4	6.8	7.0	15.3	13.5	6.2	3.1	9.0	7.8	21.2	11.6	8.9	11.7	12.1	3.9	10.1	4.9	3.3	13.7	
2094	12	5.5	6.4	2.7	12.5	9.9	5.8	4.2	6.6	3.6	11.0	4.7	5.1	9.8	4.1	4.4	8.1	4.7	5.7	5.9	8.4	5.3	5.2	12.5	8.3	4.4	5.3	2.7	8.5	
2095	1	7.5	8.3	1.8	24.3	4.5	10.6	2.8	4.5	9.6	5.4	5.6	6.1	9.9	12.4	8.6	12.0	6.5	6.5	10.8	8.7	6.3	24.3	9.6	3.5	1.8	11.4	11.0	6.1	
2095	2	4.8	7.4	1.7	31.0	4.0	2.7	4.3	4.9	10.6	5.0	9.7	10.1	2.5	3.9	1.7	26.6	5.9	4.8	7.7	3.1	6.6	4.6	4.4	6.6	3.8	3.1	31.0	10.5	
2095	3	4.8	6.4	1.5	23.1	6.3	6.5	3.4	6.7	13.4	9.0	5.3	23.1	2.4	3.6	1.5	9.9	7.0	3.5	2.0	3.2	2.9	5.9	3.6	6.6	4.4	4.2	16.6	2.1	
2095	4	5.5	7.1	2.3	23.9	23.9	4.9	7.8	3.4	8.0	2.3	8.8	2.3	3.1	5.2	10.5	6.0	3.9	6.0	11.9	4.4	17.3	3.7	8.8	11.6	5.7	3.1	3.3	4.2	
2095	5	11.4	12.9	4.3	31.5	12.0	6.7	15.3	8.7	14.3	15.2	9.8	21.9	5.5	8.7	14.6	31.5	13.9	10.3	9.5	4.3	4.6	18.8	10.9	5.8	20.3	10.8	12.6	20.1	
2095	6	19.1	19.9	6.8	53.6	9.1	14.3	23.1	7.2	25.0	19.1	19.1	17.4	10.6	12.3	22.7	11.2	26.3	38.7	9.1	35.4	20.2	6.8	53.6	11.4	23.6	19.8	28.8	13.5	
2095	7	12.8	16.7	6.3	41.5	11.1	25.3	24.1	8.8	27.8	41.5	7.1	30.9	12.1	20.8	12.2	6.8	17.2	8.4	6.3	16.6	22.1	10.4	9.9	20.4	13.3	32.1	9.1	7.0	
2095	8	13.2	16.1	5.2	46.5	38.1	17.6	10.9	6.3	15.9	16.3	5.2	8.7	17.2	35.0	9.2	17.3	8.7	8.8	9.6	19.5	7.2	10.5	46.5	15.5	11.0	18.2	9.1	23.3	
2095	9	18.2	19.4	7.0	55.8	20.7	22.6	22.0	9.7	26.6	21.7	10.3	19.2	29.0	9.4	25.0	17.9	16.8	16.8	12.8	18.4	12.1	7.0	55.8	17.3	26.1	8.9	15.0	23.8	
2095	10	8.7	9.3	3.2	19.5	11.5	11.3	3.2	7.3	10.9	12.2	19.5	13.6	5.4	5.7	15.9	5.1	5.8	8.9	9.9	5.5	9.9	13.8	4.9	3.8	8.4	14.5	7.8	7.7	
2095	11	8.5	8.4	1.9	19.5	5.1	6.9	9.2	10.1	6.3	19.5	8.0	4.3	8.6	6.5	4.1	8.4	10.5	12.1	11.7	9.4	10.4	9.4	6.9	1.9	11.4	6.7	10.0	3.6	
2095	12	5.4	6.3	2.3	15.1	11.7	4.9	5.7	7.8	5.4	8.9	2.3	11.9	3.8	5.8	3.5	4.8	6.6	8.2	5.5	3.2	3.9	9.0	3.1	15.1	4.8	7.5	4.6	3.0	
2096	1	6.3	6.6	2.6	12.4	5.2	7.8	4.3	9.5	3.4	6.2	7.6	4.3	5.6	8.8	8.3	8.1	6.4	4.1	4.6	12.4	2.6	8.3	8.0	11.1	8.5	3.2	3.2	6.0	
2096	2	4.6	5.1	1.9	11.7	4.7	6.8	7.4	3.6	4.3	3.3	3.3	5.1	3.3	4.2	3.7	5.2	4.7	6.1	3.4	5.3	3.7	7.0	9.2	5.4	1.9	11.7	4.6	4.3	
2096	3	6.0	6.5	1.8	20.4	7.4	20.4	4.6	2.8	6.7	2.7	6.9	8.8	4.5	7.1	13.9	5.6	2.9	7.9	5.0	7.7	6.4	7.3	11.8	4.4	1.8	3.0	4.3	3.1	
2096	4	6.5	7.4	2.3	14.6	2.3	4.0	9.4	5.4	6.7	4.4	4.8	14.6	13.8	3.0	12.7	14.2	8.2	8.2	11.1	5.0	5.8	5.1	5.4	6.7	9.3	2.5	6.2	7.9	
2096	5	10.7	12.4	2.6	28.6	7.2	24.0	7.6	12.1	4.2	4.3	19.6	20.6	17.1	12.0	11.2	23.3	28.6	7.9	2.6	7.8	6.3	4.1	9.3	17.6	18.9	10.3	12.8	7.7	
2096	6	11.4	13.8	4.8	33.5	24.5	15.8	26.0	19.7	14.2	10.4	9.2	7.1	12.3	5.1	9.8	6.6	21.0	15.4	6.0	15.2	9.6	14.7	8.1	8.6	26.9	33.5	6.4	4.8	
2096	7	14.2	16.5	5.8	50.0	8.3	9.1	7.7	12.2	18.6	9.7	6.3	16.2	10.7	50.0	9.7	24.1	20.9	24.1	5.8	35.3	16.9	12.2	18.8	27.5	9.1	14.7	14.0	14.4	
2096	8	11.0	15.9	3.9	59.1	4.8	21.8	10.4	10.4	29.5	9.9	13.9	7.1	10.8	12.0	59.1	31.4	6.1	7.3	11.1	23.9	8.0	12.1	7.7	27.9	22.4	8.9	7.5	9.8	15.5
2096	9	12.4	14.3	5.1	36.5	36.5	6.7	11.8	12.7	15.1	7.0	15.1	20.6	31.8	10.0	5.1	5.3	5.6	10.2	12.2	15.1	22.3	8.9	13.7	9.3	25.4	5.8	13.7	23.8	
2096	10	8.4	10.1	2.2	21.5	6.7	17.8	4.5	21.5	12.4	11.0	19.5	8.0	8.8	14.1	4.1	7.7	10.5	6.5	4.9	9.0	17.7	7.8	6.3	14.6	7.5	2.2	11.2	8.0	
2096	11	7.8	9.6	3.6	21.5	7.9	21.5	5.9	21.0	13.8	11.0	7.8	7.8	7.2	4.0	5.0	19.3	7.8	15.0	7.6	3.6	6.6	6.0	12.7	6.0	10.0	6.8	11.5	5.5	
2096	12	6.4	8.2	3.8	22.0	4.0	4.2	9.3	6.3	19.6	5.1	22.0	4.8	9.0	9.2	3.8	4.5	6.5	6.3	6.5	6.0	18.4	4.5	8.5	8.1	4.9	9.2	4.6	11.4	
2097	1	4.9	6.1	1.9	23.4	6.7	7.2	7.0	4.8	5.9	5.7	4.7	6.4	11.8	3.2	4.1	2.4	4.9	1.9	11.2	23.4	4.1	2.7	3.1	2.5	9.4	5.9	3.4	4.9	
2097	2	5.4	6.5	1.6	27.8	4.3	6.5	4.5	7.0	6.5	7.3	9.4	1.6	4.1	3.0	8.0	8.7	3.6	5.4	27.8	4.8	6.2	4.6	3.8	5.3	9.3	2.1	9.0	2.9	
2097	3	5.7	6.5	2.2	14.2	7.4	4.9	7.3	5.9	5.7	6.2	5.0	5.5	10.8	5.0	14.2	2.9	2.2	5.7	8.6	12.6	4.7	2.7	4.0	6.9	6.7	4.5	5.0	10.6	
2097	4	8.5	9.1	3.7	19.3	11.5	7.0	10.1	5.2	12.9	5.6	19.3	5.7	5.9	4.7	4.5	17.4	5.0	6.6	8.4	10.9	7.6	3.7	9.1	8.5	14.1	9.0	13.9	10.7	
2097	5	9.0	11.8	2.6	26.5	8.2	9.7	8.5	6.7	17.3	9.1	9.0	7.6	25.0	8.8	6.5	9.4	11.7	8.4	17.0	9.0	17.2	8.6	2.6	26.5	15.1	4.9	10.4	26.4	
2097	6	15.0	18.5	6.2	62.9	18.7	22.4	62.9	12.2	37.4	7.5	6.9	10.5	27.6	11.0	16.9	6.2	24.6	11.8	15.0	12.6	14.0	30.3	13.8	14.9	17.4	15.0	16.9	10.7	
2097	7	11.9	13.7	4.9	35.2	31.4	11.6	11.6	9.6	35.2	16.1	17.6	5.0	8.6	12.1	16.4	12.1	5.2	17.4	8.7	4.9	14.1	10.2	16.8	13.4	33.5	8.0	14.0	6.8	10.9
2097	8	11.9	15.9	2.9	53.2	7.0	18.1	19.1	25.0	10.9	36.8	6.0	2.9	53.2	12.0	6.7	8.2	17.5	11.8	5.3	26.6	13.7	5.2	9.8	11.3	24.3	9.9	13.6	10.8	25.8
2097	9	14.6	16.1	4.7	31.6	14.1	6.9	6.0	27.9	26.9	31.6	11.4	30.4	11.6	11.2	8.0	5.7	13.7	18.9	16.9	4.7	10.6	16.3	20.7	23.3	23.5	6.8	15.2	23.8	
2097	10	9.0	9.4	4.0	16.7	4.0	5.4	10.3	14.3	13.7	12.7	7.7	12.6	4.5	9.7	5.6	16.4	9.4	7.3	12.6	6.4	7.5	6.8	11.6	5.8	10.2	16.7	6.3	8.7	
2097	11	8.0	8.2	1.6	16.7	7.5	9.0	12.7	2.5	1.6	11.1	6.1	4.2	16.0	8.8	6.9	3.3	12.0	4.8	7.3	3.0	16.7	13.3	7.6	11.3	8.3	5.3	8.7	9.7	
2097	12	7.6	7.9	3.2																										

Year	Month	Median	Mean	Min	Max	pr MIROC-ESM historical rcp85 (kg m-2 d-1)	pr MIROC-ESM-CHEM historical rcp85 (kg m-2 d-1)	pr CNRM-CMS historical rcp85 (kg m-2 d-1)	pr MRI-CGCM3 historical rcp85 (kg m-2 d-1)	pr MPI-ESM-MR historical rcp85 (kg m-2 d-1)	pr MPI-ESM-LR historical rcp85 (kg m-2 d-1)	pr HadGEM2-ES historical rcp85 (kg m-2 d-1)	pr HadGEM2-AO historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1-m historical rcp85 (kg m-2 d-1)	pr FGOALS-g2 historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-MR historical rcp85 (kg m-2 d-1)	pr GFDL-CM3 historical rcp85 (kg m-2 d-1)	pr CESM1-CAM5 historical rcp85 (kg m-2 d-1)	pr CanESM2 historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2G historical rcp85 (kg m-2 d-1)	pr IPSL-CM5A-LR historical rcp85 (kg m-2 d-1)	pr MIROC5 historical rcp85 (kg m-2 d-1)	pr bcc-csm1-1 historical rcp85 (kg m-2 d-1)	pr NorESM1-M historical rcp85 (kg m-2 d-1)	pr BNU-ESM historical rcp85 (kg m-2 d-1)	pr NorESM1-ME historical rcp85 (kg m-2 d-1)	pr GFDL-ESM2M historical rcp85 (kg m-2 d-1)	pr CCSM4 historical rcp85 (kg m-2 d-1)	pr CSIRO-Mk3-6-0 historical rcp85 (kg m-2 d-1)	
2011	1	7	7.7	2	18	7	6	2	8	18	4	11	11	6	4	12	5	14	8	4	5	9	7	10	6	4	5	12	6	
2011	2	7	7.2	3	13	7	12	5	4	4	6	4	9	3	6	5	7	6	8	6	7	12	13	7	10	4	7	9	8	
2011	3	6	6.5	2	14	4	7	8	2	4	3	2	1	6	14	8	11	6	5	9	14	6	6	7	6	4	5	14		
2011	4	5	5.2	1	14	2	5	7	7	3	3	2	1	4	14	6	11	6	10	8	5	7	1	9	5	2	2	4	5	
2011	5	9	8.0	3	13	12	13	4	4	9	9	6	9	3	7	10	11	3	8	11	10	3	3	5	7	12	8	9	13	
2011	6	12	11.8	7	18	12	14	11	9	15	12	13	9	10	11	14	12	13	11	8	13	18	11	10	13	15	7	14	7	
2011	7	15	15.3	8	22	11	19	18	8	22	10	17	10	20	14	14	19	16	14	11	13	19	13	14	14	20	16	19	16	
2011	8	13	12.8	6	21	18	12	14	15	13	6	13	9	16	10	12	11	6	11	10	14	14	16	16	9	21	16	16	10	
2011	9	13	11.9	5	20	13	6	15	13	10	8	12	18	9	20	12	8	5	15	13	6	13	10	13	13	15	17	15	6	
2011	10	8	8.2	3	13	8	7	6	4	6	13	5	4	13	12	12	8	9	8	9	7	11	6	5	11	9	10	3	10	
2011	11	11	10.8	3	19	9	15	11	3	11	13	13	10	9	10	11	19	4	12	15	11	17	8	4	10	9	8	11	15	
2011	12	10	9.5	3	14	6	11	13	12	12	10	10	8	11	14	9	3	9	7	11	8	11	6	3	11	11	10	10	12	
2012	1	8	7.6	3	13	7	7	8	4	7	6	9	12	8	7	8	9	5	10	4	6	9	13	7	9	8	7	10	3	
2012	2	5	6.1	0	14	4	4	7	3	5	8	5	6	0	9	14	5	3	4	10	4	4	8	9	8	6	5	12	3	
2012	3	6	5.8	1	12	4	6	12	7	7	8	3	1	4	6	4	9	6	6	3	9	7	3	2	11	7	5	8	5	
2012	4	6	5.8	1	11	7	7	9	8	4	9	3	7	6	4	4	7	5	8	4	7	3	8	6	11	3	8	6	4	
2012	5	9	9.3	4	18	11	9	5	6	7	10	6	8	18	9	11	10	9	6	10	9	4	8	12	8	7	12	17	9	
2012	6	12	12.8	6	19	8	9	18	11	16	10	19	15	12	10	18	13	6	18	13	11	12	16	16	10	9	12	12	13	
2012	7	12	12.0	7	21	7	8	15	11	12	15	12	13	11	9	11	12	14	21	8	15	13	8	12	15	8	13	12	14	
2012	8	13	12.5	7	16	14	10	14	14	11	12	15	12	15	15	11	14	16	13	13	11	10	13	9	15	15	7	7	13	
2012	9	11	11.1	4	18	10	10	16	18	6	11	13	8	12	12	9	5	10	9	9	9	15	11	14	11	16	16	12	4	
2012	10	11	10.1	3	17	11	4	11	5	11	17	12	7	8	8	11	3	14	9	14	15	7	12	12	9	10	10	12	11	
2012	11	11	11.0	6	18	9	16	13	13	18	14	11	13	15	11	8	7	9	16	6	8	11	9	12	7	7	7	10	13	
2012	12	9	9.3	3	18	13	15	13	9	3	11	11	6	5	9	18	12	7	12	5	16	7	4	8	9	4	5	11	10	
2013	1	8	8.3	4	13	7	8	6	13	10	7	8	10	10	4	11	8	7	6	8	11	11	5	12	8	7	10	8	5	
2013	2	6	6.2	0	13	9	6	5	5	9	4	6	13	7	5	6	3	9	6	7	8	6	7	3	0	8	3	6	8	
2013	3	6	6.2	1	13	8	7	13	6	4	9	7	8	3	5	4	9	5	6	1	9	11	2	2	3	10	2	8	5	
2013	4	7	5.7	1	11	7	7	9	8	4	4	2	7	2	6	6	5	1	3	7	6	3	11	4	8	5	4	6	6	
2013	5	8	7.9	3	12	9	6	9	9	12	7	11	10	8	7	5	9	8	7	9	4	4	6	7	8	11	6	8	8	
2013	6	13	12.0	5	21	11	14	13	11	21	16	8	7	14	10	17	16	16	7	6	14	12	14	13	6	5	10	13	14	
2013	7	15	14.9	9	22	21	20	19	11	16	9	11	15	12	22	17	15	9	16	21	18	17	11	14	11	10	14	18	10	
2013	8	14	13.2	7	19	7	14	11	15	16	16	13	10	13	17	16	13	12	19	14	10	16	10	8	8	17	14	12	15	
2013	9	11	11.9	6	20	15	7	7	11	6	8	15	15	17	11	11	15	10	13	11	17	11	8	11	20	9	15	13	13	
2013	10	9	9.2	4	21	4	12	16	21	10	6	4	7	11	8	6	9	5	6	12	10	4	9	17	8	12	5	11	7	
2013	11	11	10.4	4	17	5	12	17	4	8	8	17	11	8	16	17	8	10	16	13	12	4	9	8	4	11	11	10	11	
2013	12	9	9.3	5	15	7	11	10	9	11	6	13	6	5	7	15	10	9	5	6	13	9	10	14	10	12	8	8	8	
2014	1	7	7.4	3	14	5	12	5	9	14	7	9	8	6	11	12	5	4	8	5	6	5	5	5	3	10	6	8	9	
2014	2	7	7.1	3	13	7	11	8	5	11	3	6	9	7	8	13	8	7	9	5	7	5	7	4	4	6	8	6	6	
2014	3	6	6.2	2	12	4	10	7	7	7	7	7	4	5	7	10	4	5	4	5	9	4	5	4	6	5	2	4	4	
2014	4	6	5.8	2	10	2	5	9	5	7	3	4	5	6	6	5	4	7	10	5	8	9	6	3	6	5	5	7	6	
2014	5	8	8.3	2	17	14	3	5	13	8	2	13	9	13	5	7	7	9	17	4	6	4	7	16	17	9	11	3	6	
2014	6	12	11.5	7	16	11	7	11	12	11	7	7	12	14	13	8	13	14	13	15	14	12	4	14	16	10	13	11	7	10
2014	7	15	15.0	10	22	22	11	14	10	18	15	15	19	11	11	11	15	15	18	15	16	13	21	17	15	14	11	15	17	
2014	8	13	12.4	5	19	19	13	14	19	9	10	13	7	11	8	14	15	11	14	5	14	12	14	9	16	9	17	11	14	
2014	9	13	13.2	4	20	13	13	9	15	14	4	12	13	16	12	13	13	17	13	13	12	18	6	13	20	17	18	18	5	
2014	10	10	10.0	2	21	12	13	9	13	21	2	10	7	9	12	8	10	9	16	13	8	13	8	4	13	8	2	9	12	
2014	11	11	10.3	0	18	13	7	10	11	8	10	6	14	8	12	8	7	12	12	18	5	0	16	14	11	16	12	10	8	
2014	12	10	9.3	0	16	9	9	10	11	16	12	4	13	8	4	7	13	9	0	7	10	10	8	11	6	9	13	10	15	
2015	1	7	7.5	0	19	10	7	6	5	10	6	8	5	9	8	4	10	0	19	9	6	12	10	5	12	7	6	6	1	
2015	2	7	7.0	2	13	6	4	3	9	6	5	7	9	11	8	2	6	8	13	3	7	8	3	8	3	8	9	7	12	6
2015	3	6	5.9	2	10	3	3	6	3	9	3	5	3	10	8	3	3	5	6	9	7	10	2	5	4	9	9	7	9	
2015	4	7	6.8	1	11	10	7	7	7	6	7	3	10	6	9	11	8	6	6	6	5	10	9	9	4	6	6	1	7	
2015	5	8	8.5	4	15	10	7	4	7	6	4	7	11	11	8	8	5	4	15	7	8	12	9	5	8	10	8	8	8	
2015	6	12	11.3	3	22	14	11	22	3	13	6	10	13	19	10	14	8	13	7	6	14	11	13	5	18	12	7	16	7	
2015	7	15	14.8	8	24	15	9	11	12	17	10	14	18	17	17	17	18	12	16	15	13	14	24	17	8	15	17	19	9	
2015	8	12	11.8	4	22	10	14	16	6	6	11	12	11	14	12	14	12	7	15	12	13	16	8	14	14	4	9	12	22	
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2099	1	8	8.3																											









2033	5	0	0.5	0	3	1	0	1	0	0	0	0	1	3	0	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0
2033	6	1	1.2	0	4	2	1	4	0	0	1	1	1	3	1	2	1	0	3	2	0	0	1	1	1	1	1	0	1	0
2033	7	1	1.7	0	8	2	1	2	8	1	2	0	3	2	4	4	1	0	2	2	0	1	1	1	0	1	1	0	2	0
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2033	11	0	0.1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	12	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
2034	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2034	3	0	0.0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	4	0	0.1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2034	5	1	0.8	0	3	1	0	1	0	1	2	0	1	3	0	0	0	1	0	0	1	0	2	0	1	2	0	3	1	1
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2034	11	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
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2035	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2035	4	0	0.2	0	2	0	0	2	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	5	1	0.8	0	3	1	0	0	0	3	1	3	1	2	0	0	2	0	0	1	0	0	0	1	1	1	0	0	1	1
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2035	7	1	1.5	0	5	2	2	2	1	1	1	1	5	1	1	1	1	1	1	0	2	2	2	1	1	2	3	0	1	1
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2035	10	0	0.1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
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2035	12	0	0.3	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
2036	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	3	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	4	0	0.3	0	2	1	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
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2036	6	1	1.0	0	5	1	0	0	4	0	0	2	1	0	0	0	0	0	1	0	0	1	0	2	0	1	5	0	3	1
2036	7	1	1.0	0	3	2	1	2	2	2	1	1	3	0	1	0	0	0	0	0	0	1	0	0	1	1	3	0	1	0
2036	8	2	1.7	0	5	3	2	3	2	3	3	0	2	0	4	0	0	2	2	0	4	1	5	1	0	0	2	0	1	1
2036	9	1	1.1	0	3	0	1	0	1	0	2	1	0	3	1	2	0	1	2	0	1	3	2	0	1	0	3	1	1	0
2036	10	0	0.3	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2	0	0
2036	11	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	1	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	3	0	0.1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2037	4	0	0.3	0	2	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0
2037	5	0	0.8	0	5	0	1	2	2	0	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	2
2037	6	1	1.1	0	4	0	1	1	3	2	0	1	1	0	2	0	1	0	0	2	1	1	1	4	1	0	1	0	3	0
2037	7	2	1.9	0	5	2	4	1	2	1	5	0	2	1	5	2	2	3	0	1	2	2	1	1	1	1	5	0	1	1
2037	8	2	2.3	0	6	1	2	0	3	1	5	0	4	5	3	2	3	0	0	1	2	2	4	3	3	2	2	2	6	3
2037	9	1	1.1	0	4	2	0	2	4	1	0	2	0	1	2	1	0	1	0	2	3	0	1	0	0	0	1	3	0	1
2037	10	0	0.5	0	3	0	1	0	0	0	0	1	1	2	3	1	1	0	1	0	2	0	0	0	0	0	0	0	0	0
2037	11	0	0.4	0	2	0	1	0	1	0	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2037	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	3	0	0.1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2038	4	0	0.3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
2038	5	0	0.6	0	3	3	0	1	1	1	0	0	0	1	0	0	2	1	0	0	0	0	1	0	0	0	0	1	1	1
2038	6	2	1.7	0	4	1	2	3	2	1	2	1	0	2	1	2	1	1	1	0	3	1	3	1	2	2	1	4	4	0
2038	7	2	1.9	0	8	0	0	0	5	2	4	1	1	1	4	2	2	0	2	5	3	0	0	2	8	1	2	0	2	2
2038	8	1	1.1	0	3	2																								







2063	9	1	1.4	0	5	1	0	1	0	1	5	0	1	2	1	4	0	1	2	3	0	2	1	1	1	1	1	3	2	0		
2063	10	0	0.4	0	2	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	2		
2063	11	0	0.3	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0			
2063	12	0	0.2	0	2	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0		
2064	1	0	0.1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0			
2064	2	0	0.1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
2064	3	0	0.5	0	2	0	1	0	0	1	0	0	2	2	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	0		
2064	4	0	0.1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0			
2064	5	0	0.6	0	2	0	0	0	0	2	1	2	1	0	0	1	1	0	0	1	0	1	0	2	0	1	0	0	1	0		
2064	6	1	1.8	0	6	0	1	1	4	3	2	0	0	3	1	5	1	2	0	1	1	2	2	1	6	3	1	1	1			
2064	7	2	1.9	0	7	1	0	0	2	2	4	4	0	7	0	1	0	4	0	3	1	0	2	2	2	2	2	5	2			
2064	8	1	1.4	0	4	2	3	0	1	0	3	3	0	1	0	2	0	0	1	4	1	1	3	2	2	2	0	3	2			
2064	9	1	1.5	0	4	2	1	4	3	2	4	1	0	0	1	2	1	3	1	2	1	1	0	1	2	2	2	1	1			
2064	10	0	0.5	0	2	1	0	0	3	1	0	0	1	0	2	1	0	1	0	0	0	0	0	0	2	1	1	0	1			
2064	11	0	0.3	0	2	0	1	0	0	0	0	0	1	1	1	0	0	0	0	2	0	0	0	1	0	0	0	0	0			
2064	12	0	0.1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2065	1	0	0.3	0	1	1	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0		
2065	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
2065	3	0	0.1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2065	4	0	0.3	0	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		
2065	5	0	0.6	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	1	2	1	3	1	0	0	0		
2065	6	1	1.3	0	4	1	1	0	3	0	0	2	2	1	1	1	1	4	0	2	1	1	1	2	0	2	2	0	4	4		
2065	7	1	1.5	0	6	1	3	2	1	3	5	0	2	6	1	2	1	1	0	2	1	1	0	3	1	0	2	2	0	1		
2065	8	1	1.3	0	4	0	1	2	1	2	1	2	0	2	0	1	2	1	2	2	0	0	1	3	2	1	0	4	3	3		
2065	9	1	1.4	0	3	0	2	3	1	2	3	1	0	3	1	3	0	1	2	2	1	1	1	0	1	0	2	2	3	3		
2065	10	0	0.4	0	2	0	0	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	2		
2065	11	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
2065	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
2066	1	0	0.0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2066	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0		
2066	3	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		
2066	4	0	0.3	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		
2066	5	1	0.9	0	2	0	0	2	1	2	1	2	0	0	0	0	2	2	2	2	3	1	1	0	0	0	0	1	2	0		
2066	6	1	1.4	0	7	1	2	1	2	1	2	1	0	0	2	0	2	1	0	0	0	0	1	0	0	1	0	2	1	0	4	
2066	7	1	1.6	0	5	2	0	0	3	2	1	1	0	1	3	3	4	1	0	0	3	1	2	5	0	3	3	0	1	1		
2066	8	1	1.5	0	4	0	1	0	4	0	2	3	0	3	1	3	0	2	0	2	3	0	1	1	0	4	3	0	2	2		
2066	9	2	1.5	0	4	2	2	1	0	1	0	2	1	3	0	2	1	4	2	3	1	0	2	2	2	3	0	0	2	2		
2066	10	0	0.4	0	2	1	1	0	0	0	1	0	0	0	2	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0		
2066	11	0	0.2	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
2066	12	0	0.1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2067	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2067	2	0	0.1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2067	3	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
2067	4	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2067	5	0	0.6	0	3	1	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	
2067	6	1	1.3	0	5	0	3	5	0	0	0	1	1	2	1	1	0	2	1	1	3	2	1	0	0	3	0	1	1	1		
2067	7	1	1.4	0	6	0	1	2	0	0	0	0	1	2	0	1	0	0	0	0	0	0	1	3	1	1	0	3	1	3	2	
2067	8	1	1.4	0	3	1	1	3	1	3	1	3	0	2	0	3	3	1	0	0	2	1	1	3	0	0	1	1	1	2	2	
2067	9	1	1.0	0	4	0	0	0	3	1	4	0	0	1	0	0	0	2	3	1	0	0	0	2	2	1	0	2	0	1	1	
2067	10	0	0.4	0	3	0	1	0	0	0	3	1	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	1	0	
2067	11	0	0.3	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
2067	12	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
2068	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2068	2	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2068	3	0	0.2	0	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
2068	4	0	0.3	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	
2068	5	1	1.3	0	4	1	3	2	0	4	1	0	0	2	3	0	0	2	0	0	1	2	1	1	0	1	1	1	1	3	3	
2068	6	1	1.4	0	4	2	0	0	0	2	4	0	0	1	4	3	2	1	1	3	2	1	4	0	2	1	4	0	0	1	0	0
2068	7	2	2.0	0	6	1	1	3	4	1	4	1	1	0	2	4	1	2	2	1	2	0	0	4	4	6	3	0	1	1	1	
2068	8	1	1.7	0	6	3	6	1	1	0	0	1	1	1	3	6	3	0	2	2	1	2	2	0	0	1	0	1	4	4	4	
2068	9	1	1.6	0	4	0	1	0	2	2	0	3	4	2	1	1	0	1	3	0	1	4	0	4	2	4	2	0	1	1	1	
2068	10	0	0.5	0	2	1	0	0	0	0	0	1	1	0	1	0	2	0	1	0	0	0	1	0	0	2	0	0	0	1	0	
2068	11	0	0.4	0	2	0	0	0	1	1	0	0	0	1	0																	

2071	4	0	0.3	0	1	1	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0				
2071	5	1	0.8	0	2	1	1	0	2	1	0	0	0	2	1	0	0	2	1	0	0	2	0	2	1	0	0	2	0			
2071	6	0	0.8	0	3	0	1	2	0	0	0	0	2	1	3	0	0	0	2	0	0	0	0	0	3	0	2	1	2			
2071	7	2	1.5	0	4	0	2	0	3	1	2	4	1	2	1	0	0	2	2	0	0	2	0	3	1	1	2	3	3			
2071	8	0	1.3	0	6	6	3	0	0	2	1	0	0	0	0	1	5	0	0	0	0	3	1	4	0	1	1	3	0			
2071	9	2	1.8	0	5	3	1	0	1	2	4	2	1	3	0	0	4	1	2	5	1	3	2	3	2	1	2	0	1			
2071	10	1	0.8	0	2	1	2	0	0	2	1	2	0	1	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0			
2071	11	0	0.3	0	2	0	0	0	1	0	0	1	2	0	0	1	2	0	0	0	0	0	0	2	0	2	0	0	0			
2071	12	0	0.4	0	2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1			
2072	1	0	0.2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0			
2072	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0			
2072	3	0	0.3	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0			
2072	4	0	0.3	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	2	1	0			
2072	5	0	0.8	0	3	3	0	3	1	1	0	3	1	0	1	0	0	0	0	1	1	0	0	0	2	0	0	0	1			
2072	6	1	1.5	0	4	0	1	3	1	2	1	3	2	1	0	1	0	1	1	2	2	4	0	1	4	2	2	0	0			
2072	7	1	1.5	0	5	3	2	0	5	3	5	1	1	3	0	1	0	0	3	2	2	0	1	0	2	2	1	0	0			
2072	8	2	1.7	0	5	1	1	2	1	2	1	2	2	0	0	1	2	2	1	0	3	1	3	5	2	0	2	3	3			
2072	9	1	1.3	0	5	4	0	0	0	1	1	3	5	1	1	1	2	1	1	1	2	2	1	1	2	2	0	0	0	0		
2072	10	1	0.6	0	2	1	1	0	0	1	1	0	1	0	1	0	0	1	2	1	0	0	1	0	1	0	0	0	0	0		
2072	11	0	0.4	0	2	1	1	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	2	0	0		
2072	12	0	0.1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
2073	1	0	0.2	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0		
2073	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2073	3	0	0.1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0		
2073	4	0	0.3	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0		
2073	5	0	0.8	0	3	0	2	3	1	0	2	1	0	0	0	3	2	1	0	0	1	0	0	0	3	1	0	0	0	0		
2073	6	1	0.9	0	2	2	0	1	0	1	0	1	1	1	2	0	0	0	0	0	1	2	0	0	1	2	2	2	0	2		
2073	7	1	1.8	0	5	5	2	0	1	3	2	0	0	1	0	4	0	1	3	0	1	2	3	5	0	5	1	2	1	1		
2073	8	1	1.3	0	5	1	0	5	0	3	0	1	0	1	4	0	1	1	1	1	3	0	1	2	1	3	1	1	1	1		
2073	9	2	2.0	0	6	0	1	1	2	3	3	5	4	6	2	0	0	2	1	2	1	2	1	3	1	3	2	1	2	2		
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2073	11	0	0.3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
2073	12	0	0.1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2074	1	0	0.3	0	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2074	2	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		
2074	3	0	0.1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2074	4	0	0.5	0	3	0	1	1	0	0	0	0	0	0	0	0	2	2	3	1	0	0	0	0	0	1	0	0	0	0		
2074	5	1	0.8	0	4	0	0	4	2	0	1	1	1	0	0	0	1	0	0	0	0	3	1	0	0	1	2	1	2	1		
2074	6	1	1.1	0	5	1	1	2	0	1	0	0	1	5	0	0	1	1	3	1	2	5	1	0	0	1	0	1	0	1		
2074	7	2	1.7	0	5	3	0	2	0	2	1	1	2	3	3	0	2	2	1	2	0	5	0	0	3	3	1	3	1	3		
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2074	10	0	0.4	0	2	0	0	0	1	1	0	2	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
2074	11	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2074	12	0	0.3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2075	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2075	2	0	0.1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2075	3	0	0.2	0	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	
2075	4	0	0.1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
2075	5	0	0.7	0	4	0	0	3	0	0	2	0	1	4	0	1	2	3	0	0	0	0	1	0	0	0	0	0	0	0	0	
2075	6	1	1.1	0	4	1	1	1	1	1	3	0	0	4	0	0	0	1	1	1	1	2	1	3	0	0	1	0	0	3		
2075	7	1	1.7	0	5	2	2	3	0	5	1	2	3	2	1	4	1	2	1	1	4	1	1	0	1	0	0	2	1	0	0	
2075	8	1	1.2	0	4	2	4	2	2	2	2	0	0	2	0	4	0	1	1	0	0	0	0	0	0	0	2	2	0	0	0	
2075	9	1	1.6	0	5	5	2	1	2	4	1	5	1	0	0	2	1	0	1	1	3	0	4	1	1	3	0	1	0	1	0	
2075	10	0	0.3	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	
2075	11	0	0.2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2075	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2076	1	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2076	2	0	0.1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2076	3	0	0.3	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2076	4	0	0.4	0	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	3	0	0	1	0	0	0	0	0
2076	5	1	0.6	0	2	0	1	1	0	0	1	1	1	2	0	0	0	1	1	0	0	2	2	0	1	0	0	0	0	1	0	0
2076	6	1	1.2	0	4	2	0	3	4	1	1	0	3	2	0	0	2	3	0	2	0	0	0	0	0	1	2	1	0	1	0	



2086	6	1	1.1	0	4	1	1	1	0	2	0	1	0	2	3	2	0	4	1	2	1	1	1	2	0	0	1	1	0	
2086	7	1	1.5	0	6	4	3	3	0	0	1	0	1	2	6	1	0	2	2	2	2	1	0	0	4	0	2	1	1	1
2086	8	1	1.2	0	5	0	0	1	3	1	5	0	0	2	0	1	0	2	1	2	0	1	1	2	0	0	2	1	3	
2086	9	1	1.5	0	5	2	2	2	1	0	1	1	1	3	1	5	1	2	1	3	2	1	0	1	2	0	0	1	2	
2086	10	0	0.5	0	4	0	1	1	0	1	0	0	4	0	0	0	2	0	0	0	0	1	1	0	0	1	0	0	1	
2086	11	1	0.6	0	3	1	0	0	1	0	1	1	3	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	
2086	12	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2087	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2087	2	0	0.2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	
2087	3	0	0.2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2087	4	0	0.3	0	2	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
2087	5	1	1.4	0	5	1	2	3	0	1	2	1	0	2	5	0	1	0	0	0	1	2	0	1	1	5	1	1	4	
2087	6	1	1.1	0	3	1	1	3	0	0	1	1	0	1	2	3	0	1	2	2	0	1	0	1	1	0	2	1	2	
2087	7	1	1.5	0	5	2	2	3	3	3	0	1	0	2	0	1	0	5	0	1	0	1	0	1	0	4	2	2	4	
2087	8	1	1.3	0	4	1	3	1	2	2	0	4	0	2	2	0	2	2	0	1	1	2	2	1	3	1	0	1	0	
2087	9	2	1.8	0	6	2	1	3	3	2	0	2	6	2	2	3	0	1	0	1	0	3	1	1	1	0	6	2	1	
2087	10	0	0.3	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	
2087	11	0	0.6	0	3	0	1	0	0	1	0	1	2	0	0	0	0	0	0	0	3	1	1	2	1	1	0	0	0	
2087	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2088	1	0	0.2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
2088	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2088	3	0	0.1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
2088	4	0	0.4	0	2	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1
2088	5	1	0.9	0	3	0	0	0	0	0	0	0	2	3	1	2	2	1	1	1	2	1	0	2	1	0	1	2	0	
2088	6	1	1.1	0	7	1	7	1	0	0	0	1	1	1	0	2	1	1	0	2	0	1	2	0	1	2	0	2	0	
2088	7	2	2.0	0	5	5	3	3	4	0	3	0	0	2	4	3	1	5	1	2	2	0	1	2	0	1	2	0	3	
2088	8	1	1.4	0	5	4	3	0	5	1	1	0	2	0	3	1	0	2	2	0	2	2	0	2	1	0	0	1	1	
2088	9	2	1.6	0	4	1	0	4	2	2	4	3	4	3	4	0	0	0	2	1	0	2	1	0	1	0	3	2	0	
2088	10	0	0.5	0	2	1	1	0	0	1	0	1	1	0	0	0	0	0	0	1	1	2	0	0	0	2	0	0	0	
2088	11	0	0.6	0	3	1	0	1	2	1	0	0	3	0	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	
2088	12	0	0.2	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
2089	1	0	0.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2089	2	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
2089	3	0	0.2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
2089	4	0	0.1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
2089	5	1	0.8	0	4	1	0	1	0	0	1	0	0	3	0	4	1	0	0	0	2	1	0	0	0	1	1	1	0	
2089	6	0	0.9	0	6	0	0	0	6	2	0	0	1	1	2	2	1	1	0	0	0	2	2	0	0	0	0	0	2	
2089	7	1	1.2	0	5	0	1	1	1	1	0	2	3	1	1	0	0	2	1	1	1	0	5	2	2	0	1	0	1	
2089	8	1	1.1	0	4	0	0	3	1	0	2	1	1	1	2	1	0	1	4	2	2	1	0	0	1	1	1	1	1	
2089	9	1	1.8	0	5	2	0	0	3	1	2	0	1	1	2	1	1	2	4	1	1	1	4	5	1	2	1	5	0	
2089	10	0	0.5	0	2	0	0	0	1	0	0	0	0	0	2	0	1	1	1	1	0	0	0	1	1	0	0	0	2	
2089	11	0	0.3	0	2	0	0	1	0	0	2	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	
2089	12	0	0.2	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2090	1	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2090	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2090	3	0	0.1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2090	4	0	0.4	0	2	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	
2090	5	1	1.1	0	4	1	2	1	0	2	0	1	2	4	1	0	2	3	0	0	2	0	0	1	1	0	2	0	1	
2090	6	1	1.4	0	4	2	3	3	1	0	2	0	2	1	0	0	2	1	0	3	4	2	1	0	1	1	1	2	3	
2090	7	1	0.9	0	2	2	0	2	1	0	0	1	1	1	0	1	2	1	1	2	0	1	2	0	0	0	2	0	1	
2090	8	1	1.3	0	5	0	1	1	0	3	1	0	2	5	3	3	1	0	1	3	2	0	4	0	0	0	0	0	0	
2090	9	2	1.9	0	6	6	0	3	2	2	1	1	3	2	1	1	0	3	2	2	3	3	0	1	1	3	1	4	0	
2090	10	0	0.6	0	3	1	0	1	1	1	0	0	3	0	0	0	0	1	0	2	0	0	0	1	0	0	0	1	1	
2090	11	0	0.5	0	2	0	0	0	0	0	1	0	0	2	0	0	1	2	0	0	0	0	2	1	1	0	1	0	0	
2090	12	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2091	1	0	0.2	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2091	2	0	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2091	3	0	0.3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2091	4	0	0.3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2091	5	0	0.6	0	3	1	0	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2091	6	1	1.0	0	5	0	4	1	2	2	2	0	1	0	0	1	0	0	1	1	2	1	0	0	2	5	0	0	0	
2091	7	1	1.5	0	5	1	1	2	2	1	0	1	1	5	2	0	2	2	1	1	3	1	4	0	2	1	0	1	0	
2091	8	1	1.4	0	5	2	1	1	1	1	0	2	1	5	3	0	2	1	3	3	1	3	1	0	0	0	0	2	0	
2091	9	1	1.3	0	4	1	0	2	2	2	0	1	2	1	2	0	1	0	1	0	1	3	0	1	0	3	0	4	0	
2091	10	0	0.7	0	3	1	0	0	1	1	0	3	1	1	0	0	2	2	0	0	2	0	0	0						



































01/01/2025 0:00	2025	434.09	366.94	586.83	467.22	380.79	542.57	476.21	412.66	589.44
01/01/2026 0:00	2026	477.98	353	549.92	446.88	375.37	502.42	467.09	372.74	542.9
01/01/2027 0:00	2027	514.53	427.42	605.23	490.07	410.06	567.1	449.55	381.25	540.07
01/01/2028 0:00	2028	473.5	411.13	572.03	466.61	380.77	562.82	456.49	355.47	596.75
01/01/2029 0:00	2029	474.86	365.79	560.65	477.82	374.55	571.63	463.01	393.29	574.75
01/01/2030 0:00	2030	489.41	419.41	596.72	470.53	415.39	567.17	508.78	453.7	582.56
01/01/2031 0:00	2031	509.9	399.09	610.96	482.93	380.7	606.75	504.05	417.47	624.82
01/01/2032 0:00	2032	466.72	393.98	609.29	498.47	414.54	605.11	481.64	382.25	575.58
01/01/2033 0:00	2033	470.1	350.5	557.81	497.31	367.43	576.77	454.83	379.68	577.08
01/01/2034 0:00	2034	488.6	402.95	529.95	484.52	406.66	584.03	508.96	417.12	590.14
01/01/2035 0:00	2035	492.88	386.92	628.81	488.14	405.69	612.57	492	411.69	570.1
01/01/2036 0:00	2036	469.22	395	572.08	485.11	394.56	602.63	448.31	386.55	560.74
01/01/2037 0:00	2037	508.46	388.49	594.24	468.19	394.41	562.72	516.52	422.37	605.32
01/01/2038 0:00	2038	478.76	427.77	576.61	526.6	397.99	628.55	501.45	465.61	546.01
01/01/2039 0:00	2039	468.39	422.11	601.5	492.27	382.29	567.57	519.87	403.46	582.75
01/01/2040 0:00	2040	448.54	403.78	530.48	483.29	378.18	577.44	481.46	357.62	582.65
01/01/2041 0:00	2041	477.46	384.44	573.15	477.55	387.25	604.61	493.45	404.54	579.76
01/01/2042 0:00	2042	480.44	413.14	585.66	500.37	391.45	693.27	499.57	448.53	606.2
01/01/2043 0:00	2043	488.21	394.21	624.13	470.41	393.22	536.08	490.31	400.03	616.22
01/01/2044 0:00	2044	492.31	408.76	598.6	475.12	424.02	565.96	476.28	404.53	616.38
01/01/2045 0:00	2045	491.37	374.17	576.56	492.28	420.63	602.56	488.96	411.25	604.09
01/01/2046 0:00	2046	507.8	399.06	560.48	469.66	384.98	596.6	481.93	424.92	589.99
01/01/2047 0:00	2047	495.36	360.13	605.58	448.51	398.39	575.18	487.91	433.19	555.9
01/01/2048 0:00	2048	509.98	408.95	600.36	463.23	401.33	590.78	502.49	414.71	596.05
01/01/2049 0:00	2049	483	386.32	555.01	501.6	414.85	607.08	490.65	408.77	543.4
01/01/2050 0:00	2050	466.96	390.8	545.91	497.5	388.34	602.26	460.18	388.3	546.73
01/01/2051 0:00	2051	479.67	415.31	592.09	518.02	435.25	592.31	505.4	390.97	577.81
01/01/2052 0:00	2052	483.28	384	599.18	484.82	408.73	587.39	486.15	417.35	607.66
01/01/2053 0:00	2053	488.94	397.73	581.07	470.48	414.56	597.16	514.46	415.32	599.63
01/01/2054 0:00	2054	488.91	415.83	568.14	531.95	434.63	638.35	517.89	460.96	596.93
01/01/2055 0:00	2055	458.38	386.14	623.88	485.05	414.57	562.63	460.93	397.75	558.58
01/01/2056 0:00	2056	519.67	473.6	599.27	483.51	395.22	595.35	505.32	387.44	633.67
01/01/2057 0:00	2057	492.85	426.88	583.33	499.2	395.62	580.27	475.96	401.85	628.87
01/01/2058 0:00	2058	489.66	431.87	590.45	478.76	407.11	566.96	480.79	434.21	593.27
01/01/2059 0:00	2059	531.88	443.12	597.57	469.33	418.13	537.12	526.01	390.63	648.78
01/01/2060 0:00	2060	472.96	402.22	547.04	500.44	414.73	598.39	471.29	371.75	600.55
01/01/2061 0:00	2061	455.26	363.94	572.01	509.65	432.42	589.87	512.84	436.07	648.7
01/01/2062 0:00	2062	483.65	415.61	587.92	509.42	434.2	625.08	501.98	428.59	605.26
01/01/2063 0:00	2063	516	431	623.18	497.86	423.35	673.69	498.3	397.83	539.63



01/01/2064 0:00	2064	527.77	427.43	606.69	495.68	418.56	614.83	508.12	442.21	605.14
01/01/2065 0:00	2065	465.43	412.29	553.15	497.89	412.74	570.15	507.05	404.25	570.56
01/01/2066 0:00	2066	492.6	416.8	557.45	473.11	413.55	582.14	524.47	388.19	584.83
01/01/2067 0:00	2067	471.84	420.25	560.83	487.64	383.45	566.24	495.99	397.91	569.59
01/01/2068 0:00	2068	494.62	387.37	575.29	487.89	417.91	562.84	519.76	438.1	631.26
01/01/2069 0:00	2069	483.29	397.19	554.83	479.36	375.56	586.68	541.27	437.93	634.03
01/01/2070 0:00	2070	503.28	408.37	579.22	494.35	399.89	596.08	504.88	455.58	647.93
01/01/2071 0:00	2071	482.9	388.39	571.22	512.43	405.98	681.39	536.65	380.32	636.83
01/01/2072 0:00	2072	479.64	412.64	585.84	505.25	420.25	613.64	519.57	408.65	644.85
01/01/2073 0:00	2073	474.66	416.67	537.38	467.22	418.17	625.27	486.33	414.94	603.37
01/01/2074 0:00	2074	481.19	400.23	559.8	511.39	437.26	647.33	518.19	414.69	646.45
01/01/2075 0:00	2075	498.82	418.82	588.42	517.6	451.99	582.48	479.4	406.11	641.98
01/01/2076 0:00	2076	494.47	390.61	599.29	502.4	360.47	618.04	510.31	420.19	607.37
01/01/2077 0:00	2077	503.26	376.73	601.13	512.73	419.84	612.34	475.28	365.24	582.02
01/01/2078 0:00	2078	483.67	400.24	574.68	471.62	380.99	604.24	528.03	401.94	648.9
01/01/2079 0:00	2079	473	390.65	614.4	480.15	408.79	627.08	506.28	409.83	608.72
01/01/2080 0:00	2080	484.35	374.28	564.35	517.68	392.09	624.71	497.8	424.18	636.83
01/01/2081 0:00	2081	488.57	385.33	578.37	522.28	436.17	565.78	482.05	392.8	581.46
01/01/2082 0:00	2082	485.17	413.96	535.62	539.11	442.03	605.04	496.68	420.26	699.75
01/01/2083 0:00	2083	497.79	392.32	614.04	480.69	394.53	577.7	544.24	422.66	609.09
01/01/2084 0:00	2084	465.65	375.19	565.81	467.32	367.89	592.69	517.11	430.98	630.73
01/01/2085 0:00	2085	499.14	419.01	567.84	493.77	415.56	628.73	509.5	440.35	599.16
01/01/2086 0:00	2086	505.51	371.43	589.92	485.73	412.5	606.37	502.2	409	622.28
01/01/2087 0:00	2087	480.35	405.05	564.41	502.4	408.35	587.05	530.25	379.43	634.68
01/01/2088 0:00	2088	466.87	402.67	548.11	464.66	349.98	539.71	529.4	445.81	615.1
01/01/2089 0:00	2089	476.76	395.86	607.5	502.93	366.1	606.99	510.56	415.15	580.78
01/01/2090 0:00	2090	496.19	394.69	579.85	530.83	455.98	601.55	493.95	428.26	593.31
01/01/2091 0:00	2091	483.59	396.42	553.32	492.97	425.7	624.11	499.93	368.18	597.26
01/01/2092 0:00	2092	474.89	381.48	544.32	499.24	442.05	591.46	552.56	486.97	631.19
01/01/2093 0:00	2093	483.63	414.69	547.03	497.62	402.23	589.49	498.16	405.12	663.79
01/01/2094 0:00	2094	472.9	409.59	526.67	525.68	406.16	640.39	506.51	454.2	625.99
01/01/2095 0:00	2095	485.34	375.53	565.95	458.05	389.92	605.12	523.12	421.39	629.16
01/01/2096 0:00	2096	503.42	424.47	588.05	450.85	383.61	549.19	496.92	438.39	630.84
01/01/2097 0:00	2097	483.2	403.62	591.5	515.98	395.15	613.74	531.55	388.64	618.39
01/01/2098 0:00	2098	496.21	385.71	603.9	506.81	419.81	589.74	545.84	440.76	622.52
01/01/2099 0:00	2099	485.68	444.83	595.23	492.06	437.42	595.14	502.77	418.01	629.51



01/01/1985 0:00	1985	21.99	15.43	29.51										
01/01/1986 0:00	1986	20.73	13.96	41.15										
01/01/1987 0:00	1987	21.1	14.21	32.12										
01/01/1988 0:00	1988	24.79	16.05	49.94										
01/01/1989 0:00	1989	19.76	17.16	33.18										
01/01/1990 0:00	1990	19.74	15.16	31.19										
01/01/1991 0:00	1991	23.58	14.65	34.06										
01/01/1992 0:00	1992	24.05	15.64	35.75										
01/01/1993 0:00	1993	22.3	17.33	28.65										
01/01/1994 0:00	1994	22.14	16.08	32.93										
01/01/1995 0:00	1995	25.06	15.53	37.6										
01/01/1996 0:00	1996	22.61	14.42	28.72										
01/01/1997 0:00	1997	23.68	16.08	28										
01/01/1998 0:00	1998	21.69	12.82	36.15										
01/01/1999 0:00	1999	22.46	15.61	32.84										
01/01/2000 0:00	2000	22.02	15.54	30.51										
01/01/2001 0:00	2001	20.54	15.56	28.81										
01/01/2002 0:00	2002	22.99	16.48	29.92										
01/01/2003 0:00	2003	24.32	16.79	32.79										
01/01/2004 0:00	2004	23.11	16.15	30.08										
01/01/2005 0:00	2005	23.8	14.86	32.11	23.8	14.86	32.11	24.26	14.8	31.51	23.49	14.73	31.41	
01/01/2006 0:00	2006				20.47	12.77	29.55	20.86	14.63	31.02	23.47	16.35	31.17	
01/01/2007 0:00	2007				24.43	16.69	43.97	22.8	14.62	38.89	23.52	15.61	35.18	
01/01/2008 0:00	2008				21.71	16.58	29.39	25.82	16.44	53.81	24.35	14.5	36.92	
01/01/2009 0:00	2009				25.31	14.54	37.02	19.87	14.81	29.27	24.24	15.31	35.92	
01/01/2010 0:00	2010				24.07	13.91	35.32	22.45	14.75	30.25	27.16	20.04	39.77	
01/01/2011 0:00	2011				23.13	16.07	35.08	20.62	15.27	31.48	21.31	15.75	36.34	
01/01/2012 0:00	2012				22.51	14.87	46	25.51	16.57	31.74	17.86	13.99	31.74	
01/01/2013 0:00	2013				24.11	15.39	36.39	22.16	14.35	35.72	25.28	14.49	44.14	
01/01/2014 0:00	2014				23.05	17.92	41.23	22.27	16.28	35.21	24.8	15.32	41.24	
01/01/2015 0:00	2015				19.52	16.37	25.6	25.76	16.77	36.56	22.91	15.82	34.93	
01/01/2016 0:00	2016				21.79	14.4	33.32	23.84	15.77	49.83	23.8	16.61	39.23	
01/01/2017 0:00	2017				21.66	16.02	36.52	23.77	16.28	48.04	24.21	14.7	32.7	
01/01/2018 0:00	2018				21.17	16.85	31.33	20.67	15.37	31.57	19.83	15.27	31.17	
01/01/2019 0:00	2019				21.97	16.55	47.12	22.05	12.94	29.3	19.89	14.98	32.05	
01/01/2020 0:00	2020				21.23	16.35	35.41	22.94	15.65	45.83	24.79	14.99	32.56	
01/01/2021 0:00	2021				22.41	16.72	30.72	24.55	14.43	33.76	22.37	15.01	30.36	
01/01/2022 0:00	2022				18.15	14.85	34.9	24.19	14.98	40.86	20.41	13.75	32.68	

01/01/2023 0:00	2023	24.46	15.82	36.65	26.7	16.64	31.2	24.27	17.97	36.15
01/01/2024 0:00	2024	19.67	16.34	34.61	22.64	16.05	28.77	20.01	13	33.55
01/01/2025 0:00	2025	21.52	13.85	36.95	20.6	15.88	37.6	23.27	15.51	31.46
01/01/2026 0:00	2026	25.79	15.18	35.39	23.79	14.81	32.04	23.8	17.22	35.05
01/01/2027 0:00	2027	29.79	19.95	41.7	21.57	16.39	38.35	24.01	15.96	37.08
01/01/2028 0:00	2028	21.86	17.12	30.92	19.92	15.55	34.72	20.25	15.46	27.62
01/01/2029 0:00	2029	22.21	15.61	42.94	21.63	14.55	37.46	26.66	17.01	47.98
01/01/2030 0:00	2030	24.54	15.94	44.29	21.32	17.6	28.13	27.06	17.76	36.06
01/01/2031 0:00	2031	22.03	17.23	39.14	27.03	16.4	39.93	26.5	16.74	46.22
01/01/2032 0:00	2032	25.03	16.11	35.82	26.58	16.23	36.19	21.77	15.01	32.56
01/01/2033 0:00	2033	20.73	15.47	32.44	22.59	16.14	28.98	23.89	16.93	35.66
01/01/2034 0:00	2034	24.02	18.08	42.71	28.78	15.85	33.99	25.7	17.2	32.89
01/01/2035 0:00	2035	23.02	17.01	32.19	25.52	13.76	49.99	23.99	14.17	39.61
01/01/2036 0:00	2036	25.43	15.97	39.9	23.41	14.66	37.24	24.8	13.57	40.4
01/01/2037 0:00	2037	24.04	12.61	42.16	23.5	17.18	34.3	23.79	15.97	38.61
01/01/2038 0:00	2038	23.36	15.1	33.73	29.21	16.63	44.63	23.68	17.64	36.77
01/01/2039 0:00	2039	25.76	16.86	41.42	23.91	14.51	34.77	22.47	16.94	33.62
01/01/2040 0:00	2040	24.6	15.66	36.98	23.9	17.62	30.06	23	16.76	36.78
01/01/2041 0:00	2041	21.78	15.01	34.57	21.5	17.41	40.27	25.68	15.76	38.68
01/01/2042 0:00	2042	22.97	15.21	35.56	27.29	16.12	39.52	24.98	17.38	39.24
01/01/2043 0:00	2043	20.01	14.08	33.26	22.96	14.46	36.02	24.26	14.95	33.1
01/01/2044 0:00	2044	21.44	13.66	50.53	22.67	14.68	40.91	23.32	16.96	37.15
01/01/2045 0:00	2045	23.88	15.46	31.21	23.61	18.16	34.8	24.02	16.8	32.91
01/01/2046 0:00	2046	23.84	16.22	33.26	22.61	16.71	45.79	23.79	15.62	31.18
01/01/2047 0:00	2047	23.36	13.96	32.92	19.48	15.94	30.39	24.35	18.42	37.01
01/01/2048 0:00	2048	19.72	14.03	34.47	25.7	14.95	36.25	29.52	19.19	42.26
01/01/2049 0:00	2049	21.05	14.96	42.58	24.33	17.55	34.2	25.98	15.79	33.73
01/01/2050 0:00	2050	22.16	14.74	28.92	24.43	14.94	43.78	23.32	15.26	37.36
01/01/2051 0:00	2051	24.21	16.73	43.76	25.15	18.62	41.01	23.91	17.48	40.57
01/01/2052 0:00	2052	25.11	16.15	37.47	26.42	17.61	35.16	24.16	15.72	31.61
01/01/2053 0:00	2053	25.21	15.35	43.4	21.97	13.17	35.13	26.04	19.14	36.65
01/01/2054 0:00	2054	24.73	18.75	34.34	22.77	16.1	44.34	29.19	17.46	39.06
01/01/2055 0:00	2055	21.3	15.69	36.26	20.47	15.33	36.58	21.14	14.04	32.85
01/01/2056 0:00	2056	27.22	18.68	44.26	21.93	15.37	39.22	23.12	14.76	37.03
01/01/2057 0:00	2057	24.99	14.7	33.57	22.31	16.75	41.73	25.8	17.11	34.26
01/01/2058 0:00	2058	24.72	16.78	33.39	22.39	15.98	36.51	25.02	15.74	40.08
01/01/2059 0:00	2059	24.16	17.46	43.78	24.55	16.07	33.92	25.13	18.15	38.51
01/01/2060 0:00	2060	20.15	15.65	31.88	23.43	17.01	40.56	22.23	15.26	37.57

01/01/2061 0:00	2061	21.03	15.15	35.9	22.76	16.07	34	23.8	16.32	49.48
01/01/2062 0:00	2062	23.4	18.56	42.32	24.91	16.49	30.87	24.92	19.36	42.12
01/01/2063 0:00	2063	23.08	17	35.19	24.98	16.78	37.25	24.26	17.08	40.82
01/01/2064 0:00	2064	27.11	18.42	39.35	23.77	13.77	32.55	26.68	19.66	40.34
01/01/2065 0:00	2065	21.63	16.42	33.12	22.82	17.33	38.51	23.72	17.23	36.62
01/01/2066 0:00	2066	20.13	15.96	31.87	22.77	16.9	37.65	25	16.35	47.13
01/01/2067 0:00	2067	23.51	15.52	44.51	22.56	14.62	42.87	28.41	18.97	43.92
01/01/2068 0:00	2068	24.54	14.63	36.43	27.28	19.15	37.71	24.76	17	38.7
01/01/2069 0:00	2069	21.16	15.67	36.85	24.87	16.02	35.39	25.67	16.57	46.47
01/01/2070 0:00	2070	23.32	17.23	34.42	24.9	17.73	38.15	23.96	19.41	34.4
01/01/2071 0:00	2071	24.37	17.18	30.74	25.17	16.22	37.83	25.21	15.51	32.99
01/01/2072 0:00	2072	25.13	16.57	40.73	25.98	17.29	38.06	26.7	18.68	43.37
01/01/2073 0:00	2073	22.25	15.91	32.85	25.82	17.73	33.13	23.75	17.85	44.3
01/01/2074 0:00	2074	24.66	17.39	35.48	25.76	17.57	44.27	26.7	15.93	36.55
01/01/2075 0:00	2075	24.52	17	33.16	29.6	18.89	37.31	29	16.7	36.92
01/01/2076 0:00	2076	24.5	15.77	34.56	24.27	15.53	31.88	23.41	17.19	39.47
01/01/2077 0:00	2077	22.04	16.64	30.64	25.14	16.62	44.26	25.37	15.79	40.29
01/01/2078 0:00	2078	20.33	16.67	34.53	23.12	15.17	41	24.27	15.37	34.4
01/01/2079 0:00	2079	23.62	15.92	57.7	25.96	19.22	41.01	24.6	16.5	45.61
01/01/2080 0:00	2080	22.64	15.74	36.92	27.04	17.09	44.82	24.49	16.2	42.23
01/01/2081 0:00	2081	21.47	17.57	29.98	23.58	16.66	37.13	23.9	14.02	34.84
01/01/2082 0:00	2082	23	18.23	40.52	24.38	17.11	31.85	25.02	18.51	48.52
01/01/2083 0:00	2083	24.05	19.45	40.04	22.29	17.06	36.08	24.37	17.59	45.16
01/01/2084 0:00	2084	25.29	14.95	34.07	22.39	15.49	35.99	24.74	19.63	36.57
01/01/2085 0:00	2085	25.46	16.83	34.94	23.35	15.57	30.87	23.33	17.53	42.59
01/01/2086 0:00	2086	23.94	17	33.84	24.71	14.11	52.29	26.44	18.14	42.92
01/01/2087 0:00	2087	24.65	14.5	38.45	22.33	16.74	35.1	25.38	15.49	32.25
01/01/2088 0:00	2088	24.74	18.34	35.13	19.87	13.97	33.95	27.27	17.31	46.08
01/01/2089 0:00	2089	22.67	17.03	38.2	25.94	17.88	54.02	24.44	16.42	35.98
01/01/2090 0:00	2090	27.61	17.45	42.55	28.88	17.05	40.17	24.71	16.54	35.6
01/01/2091 0:00	2091	23.25	13.95	38.09	23.82	15.84	37.36	22.06	16.31	34.81
01/01/2092 0:00	2092	23.34	16.16	33.58	23.09	15.29	31.86	21.93	17.25	45.94
01/01/2093 0:00	2093	20.82	13.9	32.78	22.08	15.45	36.73	24.43	17.39	34.8
01/01/2094 0:00	2094	22.67	14.25	26.27	26.16	17.81	44.23	24.96	16.69	34.86
01/01/2095 0:00	2095	21.79	14.86	35.32	19.03	14.58	39.04	27.09	19.74	38.53
01/01/2096 0:00	2096	25.63	17.97	45.87	20.22	17.12	31.13	25.73	16.2	34.76
01/01/2097 0:00	2097	21.61	17.94	32.04	25.23	16.83	38.51	25.53	16.95	37.22
01/01/2098 0:00	2098	27.69	18.87	57.59	25.02	19.7	34.19	23.05	18.51	41.03

01/01/2099 0:00 2099

24.39

16.73

37.59

22.58

15.79

31.13

23.79

17.75

37.72

DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5
			Range	Range	Median	Range	Range	Median	Range	Range
			(low)	(high)		(low)	(high)		(low)	(high)
01/01/1950 0:00	1950	115	96	122.7						
01/01/1951 0:00	1951	111.5	101	131						
01/01/1952 0:00	1952	116.5	95.5	130						
01/01/1953 0:00	1953	114	104	131.4						
01/01/1954 0:00	1954	112.5	95.3	133.1						
01/01/1955 0:00	1955	117.5	103	132.9						
01/01/1956 0:00	1956	114	98.9	128						
01/01/1957 0:00	1957	115.5	103.3	124						
01/01/1958 0:00	1958	118.5	97.6	131						
01/01/1959 0:00	1959	116	101.6	134.9						
01/01/1960 0:00	1960	113.5	96	125.7						
01/01/1961 0:00	1961	111	104	125						
01/01/1962 0:00	1962	121.5	103.3	135.5						
01/01/1963 0:00	1963	116.5	94.9	139.1						
01/01/1964 0:00	1964	111.5	95.9	126.4						
01/01/1965 0:00	1965	113.5	92.3	121.7						
01/01/1966 0:00	1966	107	97.3	120.7						
01/01/1967 0:00	1967	113	99.5	131.1						
01/01/1968 0:00	1968	113.5	98.3	131.7						
01/01/1969 0:00	1969	115	100.6	120.4						
01/01/1970 0:00	1970	115.5	100.3	126.7						
01/01/1971 0:00	1971	114.5	100	129.7						
01/01/1972 0:00	1972	117.5	97.9	124.7						
01/01/1973 0:00	1973	110.5	98.2	132.6						
01/01/1974 0:00	1974	113	99.1	126.7						
01/01/1975 0:00	1975	113	90	124.4						
01/01/1976 0:00	1976	111	95	123.7						
01/01/1977 0:00	1977	116	99.6	128.4						
01/01/1978 0:00	1978	111	97.3	128.7						
01/01/1979 0:00	1979	111.5	98.3	123.4						
01/01/1980 0:00	1980	109	98	131.4						
01/01/1981 0:00	1981	110	92.2	123.7						
01/01/1982 0:00	1982	114.5	98.3	126.7						
01/01/1983 0:00	1983	108.5	97.3	123.4						
01/01/1984 0:00	1984	107	96.6	118.7						





01/01/2023 0:00	2023	117.5	104.2	128.7	118	106.3	133.7	113.5	101	125.7
01/01/2024 0:00	2024	111.5	98.3	126.7	113.5	101.3	129.7	115	105	138.8
01/01/2025 0:00	2025	114.5	98.3	128.4	115.5	102.1	129	115	97.2	130
01/01/2026 0:00	2026	114	89.8	128.1	110	101.1	118.7	115	98.2	134.5
01/01/2027 0:00	2027	118.5	102.5	133.1	114.5	101.3	128.4	115	99.9	132
01/01/2028 0:00	2028	117	99.3	135.4	117	97.7	134.7	108.5	97.3	140
01/01/2029 0:00	2029	116.5	97.6	125.7	119	101.9	134.5	113.5	95.5	134
01/01/2030 0:00	2030	117	104.3	136.4	118.5	98.6	134.1	119	110	130
01/01/2031 0:00	2031	119.5	108.6	134.8	115.5	95.3	133	123	100.5	137
01/01/2032 0:00	2032	114.5	97.3	135.1	112	103	130.7	117.5	102.3	131.7
01/01/2033 0:00	2033	113.5	101.6	128.1	118.5	99.8	132.4	112	90	130
01/01/2034 0:00	2034	117	104.3	129.4	116.5	106	133.4	118	105.3	133.4
01/01/2035 0:00	2035	120	98.3	132.7	115.5	100.8	127.7	117.5	101.9	128.4
01/01/2036 0:00	2036	117	100.8	127.7	122.5	105.6	136.7	113.5	103.3	137.4
01/01/2037 0:00	2037	120.5	108.2	138.7	114	100.9	131	123	106.8	135
01/01/2038 0:00	2038	118	110.9	128.5	118.5	97.9	138.7	123	110	135
01/01/2039 0:00	2039	116	105	132.1	119.5	102.6	130.7	121.5	108	128
01/01/2040 0:00	2040	111	104.3	133.4	112	100.3	135	115.5	99	133
01/01/2041 0:00	2041	114	103	127.5	118.5	104.6	133.5	114.5	103.9	133.7
01/01/2042 0:00	2042	115	103.6	131.9	120	105.6	141.1	120	103.3	137.7
01/01/2043 0:00	2043	119.5	105.4	136.5	113	103.3	126.1	116.5	104	131.3
01/01/2044 0:00	2044	120.5	102.3	135.4	118	107.3	127.4	115	99.2	135
01/01/2045 0:00	2045	121.5	102.3	137.6	117	103.3	135	122	99.2	141.6
01/01/2046 0:00	2046	114	96.6	131.1	120	106	140.7	120.5	105	135.7
01/01/2047 0:00	2047	118	98.5	138	116	99.5	140.7	116.5	108	130.1
01/01/2048 0:00	2048	119	101.3	136	111.5	100.3	130.4	112.5	98.3	131.7
01/01/2049 0:00	2049	119	94.9	133.4	113.5	101.5	139.5	118.5	101	131.8
01/01/2050 0:00	2050	113.5	103	130	116.5	104.6	130.8	112	104	130.4
01/01/2051 0:00	2051	117	100.1	144.7	120	100.3	134.7	118.5	97.7	134.4
01/01/2052 0:00	2052	115.5	100.3	134	115	102	128.4	116	98.2	135.7
01/01/2053 0:00	2053	114.5	103.3	126	117.5	107.3	131.7	119	106	131.7
01/01/2054 0:00	2054	121	104.9	132.7	121.5	106.9	140.8	122.5	106.1	141.7
01/01/2055 0:00	2055	116	106.3	131.7	117	104.6	129.8	114.5	99	138.1
01/01/2056 0:00	2056	123	106.9	136.2	121	98.3	137.3	120.5	103.3	136
01/01/2057 0:00	2057	120.5	108.1	132.7	121.5	112.3	133.7	115	104.3	129.8
01/01/2058 0:00	2058	117	101.1	128	118	101.3	149.1	118	102.2	132
01/01/2059 0:00	2059	123.5	108.6	136.7	113.5	104.6	126.1	121.5	102	134
01/01/2060 0:00	2060	113.5	102.3	130.5	117.5	101.6	136.7	116.5	99.6	134

01/01/2061 0:00	2061	115	97.6	135.9	125	107.5	134.4	122	112.9	136.9
01/01/2062 0:00	2062	117.5	95.6	131.7	117.5	107	134.4	117.5	100.3	135.4
01/01/2063 0:00	2063	119.5	101.2	140.7	119	104.3	139.4	114.5	98	132.1
01/01/2064 0:00	2064	123.5	98.4	144	120.5	105.9	130.8	120.5	102.6	136.2
01/01/2065 0:00	2065	116	107.3	130.7	119	108.3	130.7	117.5	101.5	135.4
01/01/2066 0:00	2066	119	108.3	132	110.5	99.5	134.4	116.5	99	135.6
01/01/2067 0:00	2067	118	102.6	131.5	112	102	128.7	115.5	99.9	134.5
01/01/2068 0:00	2068	114.5	99.3	132.8	116.5	101.6	133.6	124.5	107.6	138.7
01/01/2069 0:00	2069	115	100.8	127.1	117.5	90.7	129.4	119.5	110	145.1
01/01/2070 0:00	2070	117	107.3	136.4	116.5	102.3	132.5	124.5	107.3	137
01/01/2071 0:00	2071	114.5	104	137.1	124	103.6	141.6	118.5	95.3	134.7
01/01/2072 0:00	2072	118	101.2	128	121.5	103.3	134.4	118	101.9	133
01/01/2073 0:00	2073	117	104	131.9	117	98.2	135.1	115.5	107.3	130.8
01/01/2074 0:00	2074	121	101.2	128	118	110.6	135.4	121.5	110.9	142.2
01/01/2075 0:00	2075	120.5	106.6	139.2	120.5	106.8	131	117.5	103.9	139.7
01/01/2076 0:00	2076	114.5	103	133.3	118.5	93.4	130.4	120.5	107	134.4
01/01/2077 0:00	2077	120.5	98.9	133.1	121.5	109.3	134	116	98.3	138.8
01/01/2078 0:00	2078	117.5	107.2	132.8	117	100.6	133.2	118.5	104.9	137.7
01/01/2079 0:00	2079	116.5	94.9	136.6	121	100	131.8	115.5	99.6	130.4
01/01/2080 0:00	2080	115.5	98.3	137.1	121	102.9	143.7	119.5	108.6	136
01/01/2081 0:00	2081	115	106.3	130	120.5	107.2	132.1	116	104.6	137.7
01/01/2082 0:00	2082	113.5	101.5	127.1	120.5	106.6	138	117.5	103.3	134.1
01/01/2083 0:00	2083	114.5	100.6	135.4	114.5	100.9	136.8	124	106	133.7
01/01/2084 0:00	2084	119	94.7	133.2	116	95.1	132	120	107.6	139.1
01/01/2085 0:00	2085	118	101.3	134.5	120	102.8	133.7	121	101.3	130.7
01/01/2086 0:00	2086	122	99.6	132	114	96.3	131.1	119.5	100	137.7
01/01/2087 0:00	2087	118	101.9	135.7	119	106.3	132.7	120.5	99.6	140.8
01/01/2088 0:00	2088	114.5	103.9	124.4	112.5	98.2	128.7	119.5	105.2	141.4
01/01/2089 0:00	2089	120.5	99.6	137.1	110	100.3	134.1	117	104	136.4
01/01/2090 0:00	2090	117.5	99	134.1	119	101.2	133.7	119.5	96.6	135.4
01/01/2091 0:00	2091	119.5	107.9	132	116.5	98.9	130.7	122	96.3	134.7
01/01/2092 0:00	2092	112.5	99.3	133.7	119.5	108	132	125	117	134
01/01/2093 0:00	2093	116.5	107.6	127.8	115.5	101.1	134	121.5	99.5	136.1
01/01/2094 0:00	2094	115	98	127.7	117.5	102.3	139.9	123	107.3	132.7
01/01/2095 0:00	2095	119.5	95	128.7	114.5	100.3	141.9	120	99.3	133.1
01/01/2096 0:00	2096	120	103.5	132.7	113	100.9	129	120.5	109.3	139.1
01/01/2097 0:00	2097	116	101	132.3	123	108.5	139.1	122	103.1	134.7
01/01/2098 0:00	2098	119.5	101.3	130.4	114	97.9	137.4	127	100	139.8

01/01/2099 0:00 2099

121.5

113

131.4

117

107.3

134.9

116

102.6

144.8

DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5
			Range	Range	Median	Range	Range	Median	Range	Range
			(low)	(high)		(low)	(high)		(low)	(high)
01/01/1950 0:00	1950		6	3	10.7					
01/01/1951 0:00	1951		6	1.3	9.7					
01/01/1952 0:00	1952		6.5	4	9					
01/01/1953 0:00	1953		6	3	11					
01/01/1954 0:00	1954		6	3	9					
01/01/1955 0:00	1955		6	3.3	9.7					
01/01/1956 0:00	1956		5	4	7.7					
01/01/1957 0:00	1957		6.5	4.3	10					
01/01/1958 0:00	1958		5.5	3	8.7					
01/01/1959 0:00	1959		6.5	2.3	9.4					
01/01/1960 0:00	1960		5	3	8					
01/01/1961 0:00	1961		6.5	3	11.7					
01/01/1962 0:00	1962		6	2.3	8.7					
01/01/1963 0:00	1963		6	3	8.7					
01/01/1964 0:00	1964		7	3	12					
01/01/1965 0:00	1965		5.5	3	10					
01/01/1966 0:00	1966		5	3	10					
01/01/1967 0:00	1967		6	2	10					
01/01/1968 0:00	1968		6.5	4	9					
01/01/1969 0:00	1969		5	2.3	8.7					
01/01/1970 0:00	1970		5	2	8					
01/01/1971 0:00	1971		7	4	8.7					
01/01/1972 0:00	1972		6	3.6	9					
01/01/1973 0:00	1973		6	4	8.7					
01/01/1974 0:00	1974		5	2.3	9.4					
01/01/1975 0:00	1975		5	3	8					
01/01/1976 0:00	1976		7	3	9					
01/01/1977 0:00	1977		6	2	8					
01/01/1978 0:00	1978		5	1.3	10.7					
01/01/1979 0:00	1979		7	4	10.7					
01/01/1980 0:00	1980		7	4	9					
01/01/1981 0:00	1981		6	3	9					
01/01/1982 0:00	1982		6.5	3	9.7					
01/01/1983 0:00	1983		7	4.3	9					
01/01/1984 0:00	1984		5.5	3	9					



01/01/2023 0:00	2023	8	2.3	12.4	6	3	10	7	4.3	9.7
01/01/2024 0:00	2024	6	3	12	6	4	11	6	4	10.7
01/01/2025 0:00	2025	5.5	2.3	11.7	7	3	10	7	4	11.4
01/01/2026 0:00	2026	6.5	4	9.7	5.5	4	10	7	3	9
01/01/2027 0:00	2027	7.5	4	11	8	4	10.7	7	5	9.4
01/01/2028 0:00	2028	6	4	10	7	4.3	11.4	7	3	12.4
01/01/2029 0:00	2029	6	3	9	6	3.3	11.4	6	3.3	11.4
01/01/2030 0:00	2030	7	3.3	11	7	4	10	8	5	10
01/01/2031 0:00	2031	6.5	3	11	7	3	12.4	8	4	12
01/01/2032 0:00	2032	7	3	10.7	9	5	12.7	7.5	2.3	11
01/01/2033 0:00	2033	6	3	9	7	3	10.7	7	3.6	9.7
01/01/2034 0:00	2034	7	3.3	10.4	7	5	10.7	7	4.3	12
01/01/2035 0:00	2035	7	3	12	7.5	4	12	8	4	12
01/01/2036 0:00	2036	6	3.3	11.7	6	3.3	11	6	3	9
01/01/2037 0:00	2037	7	2	11.4	6	4.3	9.7	8	5.3	14.4
01/01/2038 0:00	2038	6.5	5	10.7	9	4.3	13.7	8.5	4.6	10
01/01/2039 0:00	2039	7.5	4	12.1	6	3	11.7	7.5	4	12
01/01/2040 0:00	2040	6	3.3	11	7.5	4	11.7	6.5	4	11
01/01/2041 0:00	2041	7.5	3	10	6	3.3	11.7	7	4	9.7
01/01/2042 0:00	2042	7	4.3	10	7	3	15	9	4	13
01/01/2043 0:00	2043	8	3.3	12.8	6	3	9	7.5	3.6	13
01/01/2044 0:00	2044	7	2.3	10.7	7	5	11.7	7.5	4.3	12.4
01/01/2045 0:00	2045	7	3.3	8.7	7.5	4.3	11.7	8	4	10
01/01/2046 0:00	2046	7	4	11.7	6.5	3.3	11	7	3.3	9.7
01/01/2047 0:00	2047	7.5	2.3	10	7	3	9	7	4	9
01/01/2048 0:00	2048	8	4.3	10.7	6	2	11	9	5	11
01/01/2049 0:00	2049	7	3.3	11	8.5	4	13	7	4	10
01/01/2050 0:00	2050	7	3.3	9.7	7.5	4	11.7	6.5	2.3	10.7
01/01/2051 0:00	2051	6	3.3	11.1	8.5	4.3	11.7	7	4	10
01/01/2052 0:00	2052	6.5	3.3	11.4	7.5	4.3	12.1	7.5	4.3	11
01/01/2053 0:00	2053	7	2.6	10.7	7	3	11	8.5	4	12.1
01/01/2054 0:00	2054	7	4.3	10	7.5	5	14.4	8	5.3	11.7
01/01/2055 0:00	2055	6	3.3	12.8	6.5	4.3	10.7	7	5	11
01/01/2056 0:00	2056	8	6	11.7	6	4	11.4	8.5	4.3	14.7
01/01/2057 0:00	2057	6.5	4.3	11	8	2.3	10.7	8	5	13.4
01/01/2058 0:00	2058	7	5	11.7	7	5	10	8	4.3	11.7
01/01/2059 0:00	2059	7.5	5.3	11.7	6.5	3.3	10	9.5	3.6	15
01/01/2060 0:00	2060	6.5	4	10	7	4	12	6.5	3.3	10.7

01/01/2061 0:00	2061	6.5	2.3	11	8	3	10	8.5	4.3	13.7
01/01/2062 0:00	2062	7.5	4	11	9	5	12.7	8	4	11.7
01/01/2063 0:00	2063	8.5	5	11.7	7.5	3.3	11.7	7.5	4	10
01/01/2064 0:00	2064	8	5	11	7	3.6	12	9	5	13
01/01/2065 0:00	2065	7	3.3	9.7	8	4	11	8	4.3	11.4
01/01/2066 0:00	2066	7	4	9	7	4	10.7	8	4.3	12
01/01/2067 0:00	2067	7	4.3	9	7	3	11	7	5	10
01/01/2068 0:00	2068	7.5	3	11	7	3	13.1	9	6	13
01/01/2069 0:00	2069	6	3.3	11.7	7.5	3.6	12.7	9	5	13
01/01/2070 0:00	2070	7.5	4.3	12	8	5	11	8	4	15.7
01/01/2071 0:00	2071	7	4.3	11.7	8	5.3	14	9	3	12.7
01/01/2072 0:00	2072	7	4.3	11.4	8.5	4.3	11.7	9	5	12.7
01/01/2073 0:00	2073	6.5	4	11	8	4	15	7.5	5	11.7
01/01/2074 0:00	2074	6	3.3	9.7	9	4	12.7	8	5.3	11.4
01/01/2075 0:00	2075	7.5	4.3	12	7	5.3	11	7	4	12
01/01/2076 0:00	2076	8	4	11.7	7	4	12	7	3	12
01/01/2077 0:00	2077	6.5	3.3	13.7	8	4	12.4	6	4.3	10
01/01/2078 0:00	2078	6	4	11	7	4	13.5	7.5	3.6	15.7
01/01/2079 0:00	2079	6.5	4	10.7	7.5	5	13.4	7	4	13
01/01/2080 0:00	2080	6.5	2.3	10.7	7.5	3.3	14.4	7	4.3	12.7
01/01/2081 0:00	2081	7	4	11.7	8	4.3	11.7	8.5	2.3	11
01/01/2082 0:00	2082	7	4.3	10	8.5	5	12.7	7.5	4.3	15.1
01/01/2083 0:00	2083	8	4	11.7	8	3	12	9	2.9	13.7
01/01/2084 0:00	2084	6.5	4	9.7	7	4.3	13.1	9	5	13.7
01/01/2085 0:00	2085	8	5	10	7.5	5	12.7	8	5.3	11.7
01/01/2086 0:00	2086	6.5	3	10.7	8	5	11.7	7.5	4	10
01/01/2087 0:00	2087	7	3.3	10	8	4.3	11	9.5	4.3	11.7
01/01/2088 0:00	2088	7	4	9.7	6	4	10.7	8.5	5	14
01/01/2089 0:00	2089	7	4.6	11.4	7.5	3.3	12	6.5	4	12
01/01/2090 0:00	2090	6	3.6	10.7	9	4.6	13.4	8	4.3	12.7
01/01/2091 0:00	2091	6	4	9.7	9	3.9	10.7	7.5	4.3	11.7
01/01/2092 0:00	2092	7	3	9	8.5	6	11	9	6	14.4
01/01/2093 0:00	2093	7	4	10	8	6	11	8.5	4	13
01/01/2094 0:00	2094	6.5	3.3	10	8	4.3	11.4	8	4.3	11.7
01/01/2095 0:00	2095	6.5	2.3	11.7	6	4	10.7	9	6	14
01/01/2096 0:00	2096	7	5	11	6	4	10	7	5	13.7
01/01/2097 0:00	2097	7.5	5	11	8	4.3	13.4	8.5	3.3	12.4
01/01/2098 0:00	2098	7.5	5	12.7	7	6	10.7	10	6	13.7

01/01/2099 0:00 2099

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10.7

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14



DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5
			Range	Range	Range	Range	Range	Range	Range	Range
			(low)	(high)	Median	(low)	(high)	Median	(low)	(high)
01/01/1950 0:00	1950		0	0	0					
01/01/1951 0:00	1951		0	0	0					
01/01/1952 0:00	1952		0	0	0					
01/01/1953 0:00	1953		0	0	0					
01/01/1954 0:00	1954		0	0	0					
01/01/1955 0:00	1955		0	0	0					
01/01/1956 0:00	1956		0	0	0					
01/01/1957 0:00	1957		0	0	0					
01/01/1958 0:00	1958		0	0	0					
01/01/1959 0:00	1959		0	0	0					
01/01/1960 0:00	1960		0	0	0					
01/01/1961 0:00	1961		0	0	0					
01/01/1962 0:00	1962		0	0	0					
01/01/1963 0:00	1963		0	0	0					
01/01/1964 0:00	1964		0	0	0					
01/01/1965 0:00	1965		0	0	0					
01/01/1966 0:00	1966		0	0	0					
01/01/1967 0:00	1967		0	0	0					
01/01/1968 0:00	1968		0	0	0					
01/01/1969 0:00	1969		0	0	0					
01/01/1970 0:00	1970		0	0	0					
01/01/1971 0:00	1971		0	0	0					
01/01/1972 0:00	1972		0	0	0					
01/01/1973 0:00	1973		0	0	0					
01/01/1974 0:00	1974		0	0	0					
01/01/1975 0:00	1975		0	0	0					
01/01/1976 0:00	1976		0	0	0					
01/01/1977 0:00	1977		0	0	0					
01/01/1978 0:00	1978		0	0	0					
01/01/1979 0:00	1979		0	0	0					
01/01/1980 0:00	1980		0	0	0					
01/01/1981 0:00	1981		0	0	0					
01/01/1982 0:00	1982		0	0	0					
01/01/1983 0:00	1983		0	0	0					
01/01/1984 0:00	1984		0	0	0					

01/01/1985 0:00	1985	0	0	0									
01/01/1986 0:00	1986	0	0	0									
01/01/1987 0:00	1987	0	0	0									
01/01/1988 0:00	1988	0	0	0									
01/01/1989 0:00	1989	0	0	0									
01/01/1990 0:00	1990	0	0	0									
01/01/1991 0:00	1991	0	0	0									
01/01/1992 0:00	1992	0	0	0									
01/01/1993 0:00	1993	0	0	0									
01/01/1994 0:00	1994	0	0	0									
01/01/1995 0:00	1995	0	0	0									
01/01/1996 0:00	1996	0	0	0									
01/01/1997 0:00	1997	0	0	0									
01/01/1998 0:00	1998	0	0	0									
01/01/1999 0:00	1999	0	0	0									
01/01/2000 0:00	2000	0	0	0									
01/01/2001 0:00	2001	0	0	0									
01/01/2002 0:00	2002	0	0	0									
01/01/2003 0:00	2003	0	0	0									
01/01/2004 0:00	2004	0	0	0									
01/01/2005 0:00	2005	0	0	0	0	0	0	1	0	2	1	0	2.7
01/01/2006 0:00	2006				0	0	0	1	0	3	1	0	2.7
01/01/2007 0:00	2007				0	0	0	1	0	2.7	1	0	2
01/01/2008 0:00	2008				0	0	0	1.5	0	3.7	1	0	2
01/01/2009 0:00	2009				0	0	0	0.5	0	2	1	0	3
01/01/2010 0:00	2010				0	0	0	1	0	2	1	0.3	2.7
01/01/2011 0:00	2011				0	0	0	1	0	2.7	1	0	1
01/01/2012 0:00	2012				0	0	0	1	0	2	0	0	2
01/01/2013 0:00	2013				0	0	0	1	0	2	1	0	2
01/01/2014 0:00	2014				0	0	0	1	0	2	1	0	3
01/01/2015 0:00	2015				0	0	0	1	0	3	1	0	2.7
01/01/2016 0:00	2016				0	0	0	1	0	2.7	1	0	3
01/01/2017 0:00	2017				0	0	0	1	0	3	1	0	2.7
01/01/2018 0:00	2018				0	0	0	1	0	2	0.5	0	2
01/01/2019 0:00	2019				0	0	0	1	0	1.7	0	0	2
01/01/2020 0:00	2020				0	0	0	1	0	2	1	0	3
01/01/2021 0:00	2021				0	0	0	1	0	2	1	0	2
01/01/2022 0:00	2022				0	0	0	1	0	2.7	1	0	2

01/01/2023 0:00	2023	0	0	0	1	0	3.7	1	0	2.7
01/01/2024 0:00	2024	0	0	0	1	0	2	0.5	0	2
01/01/2025 0:00	2025	0	0	0	1	0	2	1	0	2.7
01/01/2026 0:00	2026	0	0	0	1	0	2	1	0	2
01/01/2027 0:00	2027	0	0	0	1	0	2.4	1	0	2
01/01/2028 0:00	2028	0	0	0	0.5	0	3	0.5	0	2
01/01/2029 0:00	2029	0	0	0	1	0	2	1	0	2.7
01/01/2030 0:00	2030	0	0	0	1	0	2.7	1	0	4.4
01/01/2031 0:00	2031	0	0	0	1	0	3	1	0	3
01/01/2032 0:00	2032	0	0	0	1	0	2.7	1	0	2
01/01/2033 0:00	2033	0	0	0	1	0	2.7	1	0	2
01/01/2034 0:00	2034	0	0	0	1	0	2	1	0	3
01/01/2035 0:00	2035	0	0	0	1.5	0	4.4	1	0	3
01/01/2036 0:00	2036	0	0	0	1	0	3	1	0	2.7
01/01/2037 0:00	2037	0	0	0	1	0	2	1	0	3
01/01/2038 0:00	2038	0	0	0	2	0	3	1	0	3
01/01/2039 0:00	2039	0	0	0	1	0	2.7	1	0	2
01/01/2040 0:00	2040	0	0	0	1	0	3	1	0	2
01/01/2041 0:00	2041	0	0	0	1	0	3	1	0	3
01/01/2042 0:00	2042	0	0	0	1	0	3.7	1	0	3.7
01/01/2043 0:00	2043	0	0	0	1	0	2.7	2	0	3
01/01/2044 0:00	2044	0	0	0	1	0	2	1	0	3.7
01/01/2045 0:00	2045	0	0	0	1	0	3	1	0	2
01/01/2046 0:00	2046	0	0	0	1	0	2	1	0	2.7
01/01/2047 0:00	2047	0	0	0	0	0	1	1	0	2
01/01/2048 0:00	2048	0	0	0	1	0	2	1.5	0.3	3.7
01/01/2049 0:00	2049	0	0	0	1	0	3	1	0	2
01/01/2050 0:00	2050	0	0	0	1	0	2.7	1	0	3.7
01/01/2051 0:00	2051	0	0	0	1	0	3	1	0	2.7
01/01/2052 0:00	2052	0	0	0	1	0	3.7	1	0	3
01/01/2053 0:00	2053	0	0	0	1	0	2.7	1	0	3
01/01/2054 0:00	2054	0	0	0	1	0	3	2	0	2.7
01/01/2055 0:00	2055	0	0	0	1	0	2	1	0	2
01/01/2056 0:00	2056	0	0	0	1	0	3	1.5	0	3
01/01/2057 0:00	2057	0	0	0	1	0	3	1	0	3
01/01/2058 0:00	2058	0	0	0	1	0	2	1	0	2
01/01/2059 0:00	2059	0	0	0	1	0	2	2	0	3
01/01/2060 0:00	2060	0	0	0	1	0	3	1	0	4

01/01/2061 0:00	2061	0	0	0	1	0	3	1	0	2.7
01/01/2062 0:00	2062	0	0	0	1	0	2	1	0	3
01/01/2063 0:00	2063	0	0	0	1	0	3	1	0	3
01/01/2064 0:00	2064	0	0	0	1	0	3	2	0.3	3
01/01/2065 0:00	2065	0	0	0	1	0	2.7	1	0	3
01/01/2066 0:00	2066	0	0	0	1	0	2.7	1	0	2
01/01/2067 0:00	2067	0	0	0	1	0	2	1	0	2.7
01/01/2068 0:00	2068	0	0	0	1	0	3	1.5	0	3.7
01/01/2069 0:00	2069	0	0	0	1	0	2.7	1	0	4
01/01/2070 0:00	2070	0	0	0	2	0	3	1	0	3
01/01/2071 0:00	2071	0	0	0	1.5	0	4	1	0	3.7
01/01/2072 0:00	2072	0	0	0	1.5	0	3	1	0	4
01/01/2073 0:00	2073	0	0	0	1	0	2.7	1	0	3
01/01/2074 0:00	2074	0	0	0	1	0	4	1	0	3
01/01/2075 0:00	2075	0	0	0	1	0	2.7	1	0	4
01/01/2076 0:00	2076	0	0	0	1	0	2.7	1.5	0	2.7
01/01/2077 0:00	2077	0	0	0	1	0	3	1	0	2.7
01/01/2078 0:00	2078	0	0	0	1.5	0	2.7	2	0	3
01/01/2079 0:00	2079	0	0	0	2	0.3	3.7	1.5	0	3.7
01/01/2080 0:00	2080	0	0	0	1	0	2.7	1	0	3
01/01/2081 0:00	2081	0	0	0	1	0	3.7	1	0	2.7
01/01/2082 0:00	2082	0	0	0	1	0	3	1	0	3
01/01/2083 0:00	2083	0	0	0	1	0	2.7	2	0	4
01/01/2084 0:00	2084	0	0	0	1	0	2	1.5	0	3
01/01/2085 0:00	2085	0	0	0	1	0	2.7	1	0	3.7
01/01/2086 0:00	2086	0	0	0	1	0	2	1	0	3.7
01/01/2087 0:00	2087	0	0	0	1	0	2.7	1	0	3.7
01/01/2088 0:00	2088	0	0	0	0.5	0	2	2	0	4
01/01/2089 0:00	2089	0	0	0	1	0	2.7	1.5	0	3.7
01/01/2090 0:00	2090	0	0	0	2	0	3.7	1	0	2
01/01/2091 0:00	2091	0	0	0	1	0	2	1	0	2
01/01/2092 0:00	2092	0	0	0	1	0	3	1	0	4.4
01/01/2093 0:00	2093	0	0	0	1	0	3	1	0	3
01/01/2094 0:00	2094	0	0	0	1	0	4	1	0	3
01/01/2095 0:00	2095	0	0	0	0	0	2.7	2	0.3	4
01/01/2096 0:00	2096	0	0	0	1	0	2	1.5	0	3
01/01/2097 0:00	2097	0	0	0	1	0	3	1	0	3
01/01/2098 0:00	2098	0	0	0	1	0	2	1	0	3

01/01/2099 0:00 2099

0 0 0 1 0 2 1 0 3





01/01/2025 0:00	2025	434.09	366.94	586.83	467.22	380.79	542.57	476.21	412.66	589.44
01/01/2026 0:00	2026	477.98	353	549.92	446.88	375.37	502.42	467.09	372.74	542.9
01/01/2027 0:00	2027	514.53	427.42	605.23	490.07	410.06	567.1	449.55	381.25	540.07
01/01/2028 0:00	2028	473.5	411.13	572.03	466.61	380.77	562.82	456.49	355.47	596.75
01/01/2029 0:00	2029	474.86	365.79	560.65	477.82	374.55	571.63	463.01	393.29	574.75
01/01/2030 0:00	2030	489.41	419.41	596.72	470.53	415.39	567.17	508.78	453.7	582.56
01/01/2031 0:00	2031	509.9	399.09	610.96	482.93	380.7	606.75	504.05	417.47	624.82
01/01/2032 0:00	2032	466.72	393.98	609.29	498.47	414.54	605.11	481.64	382.25	575.58
01/01/2033 0:00	2033	470.1	350.5	557.81	497.31	367.43	576.77	454.83	379.68	577.08
01/01/2034 0:00	2034	488.6	402.95	529.95	484.52	406.66	584.03	508.96	417.12	590.14
01/01/2035 0:00	2035	492.88	386.92	628.81	488.14	405.69	612.57	492	411.69	570.1
01/01/2036 0:00	2036	469.22	395	572.08	485.11	394.56	602.63	448.31	386.55	560.74
01/01/2037 0:00	2037	508.46	388.49	594.24	468.19	394.41	562.72	516.52	422.37	605.32
01/01/2038 0:00	2038	478.76	427.77	576.61	526.6	397.99	628.55	501.45	465.61	546.01
01/01/2039 0:00	2039	468.39	422.11	601.5	492.27	382.29	567.57	519.87	403.46	582.75
01/01/2040 0:00	2040	448.54	403.78	530.48	483.29	378.18	577.44	481.46	357.62	582.65
01/01/2041 0:00	2041	477.46	384.44	573.15	477.55	387.25	604.61	493.45	404.54	579.76
01/01/2042 0:00	2042	480.44	413.14	585.66	500.37	391.45	693.27	499.57	448.53	606.2
01/01/2043 0:00	2043	488.21	394.21	624.13	470.41	393.22	536.08	490.31	400.03	616.22
01/01/2044 0:00	2044	492.31	408.76	598.6	475.12	424.02	565.96	476.28	404.53	616.38
01/01/2045 0:00	2045	491.37	374.17	576.56	492.28	420.63	602.56	488.96	411.25	604.09
01/01/2046 0:00	2046	507.8	399.06	560.48	469.66	384.98	596.6	481.93	424.92	589.99
01/01/2047 0:00	2047	495.36	360.13	605.58	448.51	398.39	575.18	487.91	433.19	555.9
01/01/2048 0:00	2048	509.98	408.95	600.36	463.23	401.33	590.78	502.49	414.71	596.05
01/01/2049 0:00	2049	483	386.32	555.01	501.6	414.85	607.08	490.65	408.77	543.4
01/01/2050 0:00	2050	466.96	390.8	545.91	497.5	388.34	602.26	460.18	388.3	546.73
01/01/2051 0:00	2051	479.67	415.31	592.09	518.02	435.25	592.31	505.4	390.97	577.81
01/01/2052 0:00	2052	483.28	384	599.18	484.82	408.73	587.39	486.15	417.35	607.66
01/01/2053 0:00	2053	488.94	397.73	581.07	470.48	414.56	597.16	514.46	415.32	599.63
01/01/2054 0:00	2054	488.91	415.83	568.14	531.95	434.63	638.35	517.89	460.96	596.93
01/01/2055 0:00	2055	458.38	386.14	623.88	485.05	414.57	562.63	460.93	397.75	558.58
01/01/2056 0:00	2056	519.67	473.6	599.27	483.51	395.22	595.35	505.32	387.44	633.67
01/01/2057 0:00	2057	492.85	426.88	583.33	499.2	395.62	580.27	475.96	401.85	628.87
01/01/2058 0:00	2058	489.66	431.87	590.45	478.76	407.11	566.96	480.79	434.21	593.27
01/01/2059 0:00	2059	531.88	443.12	597.57	469.33	418.13	537.12	526.01	390.63	648.78
01/01/2060 0:00	2060	472.96	402.22	547.04	500.44	414.73	598.39	471.29	371.75	600.55
01/01/2061 0:00	2061	455.26	363.94	572.01	509.65	432.42	589.87	512.84	436.07	648.7
01/01/2062 0:00	2062	483.65	415.61	587.92	509.42	434.2	625.08	501.98	428.59	605.26
01/01/2063 0:00	2063	516	431	623.18	497.86	423.35	673.69	498.3	397.83	539.63



01/01/2064 0:00	2064	527.77	427.43	606.69	495.68	418.56	614.83	508.12	442.21	605.14
01/01/2065 0:00	2065	465.43	412.29	553.15	497.89	412.74	570.15	507.05	404.25	570.56
01/01/2066 0:00	2066	492.6	416.8	557.45	473.11	413.55	582.14	524.47	388.19	584.83
01/01/2067 0:00	2067	471.84	420.25	560.83	487.64	383.45	566.24	495.99	397.91	569.59
01/01/2068 0:00	2068	494.62	387.37	575.29	487.89	417.91	562.84	519.76	438.1	631.26
01/01/2069 0:00	2069	483.29	397.19	554.83	479.36	375.56	586.68	541.27	437.93	634.03
01/01/2070 0:00	2070	503.28	408.37	579.22	494.35	399.89	596.08	504.88	455.58	647.93
01/01/2071 0:00	2071	482.9	388.39	571.22	512.43	405.98	681.39	536.65	380.32	636.83
01/01/2072 0:00	2072	479.64	412.64	585.84	505.25	420.25	613.64	519.57	408.65	644.85
01/01/2073 0:00	2073	474.66	416.67	537.38	467.22	418.17	625.27	486.33	414.94	603.37
01/01/2074 0:00	2074	481.19	400.23	559.8	511.39	437.26	647.33	518.19	414.69	646.45
01/01/2075 0:00	2075	498.82	418.82	588.42	517.6	451.99	582.48	479.4	406.11	641.98
01/01/2076 0:00	2076	494.47	390.61	599.29	502.4	360.47	618.04	510.31	420.19	607.37
01/01/2077 0:00	2077	503.26	376.73	601.13	512.73	419.84	612.34	475.28	365.24	582.02
01/01/2078 0:00	2078	483.67	400.24	574.68	471.62	380.99	604.24	528.03	401.94	648.9
01/01/2079 0:00	2079	473	390.65	614.4	480.15	408.79	627.08	506.28	409.83	608.72
01/01/2080 0:00	2080	484.35	374.28	564.35	517.68	392.09	624.71	497.8	424.18	636.83
01/01/2081 0:00	2081	488.57	385.33	578.37	522.28	436.17	565.78	482.05	392.8	581.46
01/01/2082 0:00	2082	485.17	413.96	535.62	539.11	442.03	605.04	496.68	420.26	699.75
01/01/2083 0:00	2083	497.79	392.32	614.04	480.69	394.53	577.7	544.24	422.66	609.09
01/01/2084 0:00	2084	465.65	375.19	565.81	467.32	367.89	592.69	517.11	430.98	630.73
01/01/2085 0:00	2085	499.14	419.01	567.84	493.77	415.56	628.73	509.5	440.35	599.16
01/01/2086 0:00	2086	505.51	371.43	589.92	485.73	412.5	606.37	502.2	409	622.28
01/01/2087 0:00	2087	480.35	405.05	564.41	502.4	408.35	587.05	530.25	379.43	634.68
01/01/2088 0:00	2088	466.87	402.67	548.11	464.66	349.98	539.71	529.4	445.81	615.1
01/01/2089 0:00	2089	476.76	395.86	607.5	502.93	366.1	606.99	510.56	415.15	580.78
01/01/2090 0:00	2090	496.19	394.69	579.85	530.83	455.98	601.55	493.95	428.26	593.31
01/01/2091 0:00	2091	483.59	396.42	553.32	492.97	425.7	624.11	499.93	368.18	597.26
01/01/2092 0:00	2092	474.89	381.48	544.32	499.24	442.05	591.46	552.56	486.97	631.19
01/01/2093 0:00	2093	483.63	414.69	547.03	497.62	402.23	589.49	498.16	405.12	663.79
01/01/2094 0:00	2094	472.9	409.59	526.67	525.68	406.16	640.39	506.51	454.2	625.99
01/01/2095 0:00	2095	485.34	375.53	565.95	458.05	389.92	605.12	523.12	421.39	629.16
01/01/2096 0:00	2096	503.42	424.47	588.05	450.85	383.61	549.19	496.92	438.39	630.84
01/01/2097 0:00	2097	483.2	403.62	591.5	515.98	395.15	613.74	531.55	388.64	618.39
01/01/2098 0:00	2098	496.21	385.71	603.9	506.81	419.81	589.74	545.84	440.76	622.52
01/01/2099 0:00	2099	485.68	444.83	595.23	492.06	437.42	595.14	502.77	418.01	629.51





01/01/2023 0:00	2023	24.46	15.82	36.65	26.7	16.64	31.2	24.27	17.97	36.15
01/01/2024 0:00	2024	19.67	16.34	34.61	22.64	16.05	28.77	20.01	13	33.55
01/01/2025 0:00	2025	21.52	13.85	36.95	20.6	15.88	37.6	23.27	15.51	31.46
01/01/2026 0:00	2026	25.79	15.18	35.39	23.79	14.81	32.04	23.8	17.22	35.05
01/01/2027 0:00	2027	29.79	19.95	41.7	21.57	16.39	38.35	24.01	15.96	37.08
01/01/2028 0:00	2028	21.86	17.12	30.92	19.92	15.55	34.72	20.25	15.46	27.62
01/01/2029 0:00	2029	22.21	15.61	42.94	21.63	14.55	37.46	26.66	17.01	47.98
01/01/2030 0:00	2030	24.54	15.94	44.29	21.32	17.6	28.13	27.06	17.76	36.06
01/01/2031 0:00	2031	22.03	17.23	39.14	27.03	16.4	39.93	26.5	16.74	46.22
01/01/2032 0:00	2032	25.03	16.11	35.82	26.58	16.23	36.19	21.77	15.01	32.56
01/01/2033 0:00	2033	20.73	15.47	32.44	22.59	16.14	28.98	23.89	16.93	35.66
01/01/2034 0:00	2034	24.02	18.08	42.71	28.78	15.85	33.99	25.7	17.2	32.89
01/01/2035 0:00	2035	23.02	17.01	32.19	25.52	13.76	49.99	23.99	14.17	39.61
01/01/2036 0:00	2036	25.43	15.97	39.9	23.41	14.66	37.24	24.8	13.57	40.4
01/01/2037 0:00	2037	24.04	12.61	42.16	23.5	17.18	34.3	23.79	15.97	38.61
01/01/2038 0:00	2038	23.36	15.1	33.73	29.21	16.63	44.63	23.68	17.64	36.77
01/01/2039 0:00	2039	25.76	16.86	41.42	23.91	14.51	34.77	22.47	16.94	33.62
01/01/2040 0:00	2040	24.6	15.66	36.98	23.9	17.62	30.06	23	16.76	36.78
01/01/2041 0:00	2041	21.78	15.01	34.57	21.5	17.41	40.27	25.68	15.76	38.68
01/01/2042 0:00	2042	22.97	15.21	35.56	27.29	16.12	39.52	24.98	17.38	39.24
01/01/2043 0:00	2043	20.01	14.08	33.26	22.96	14.46	36.02	24.26	14.95	33.1
01/01/2044 0:00	2044	21.44	13.66	50.53	22.67	14.68	40.91	23.32	16.96	37.15
01/01/2045 0:00	2045	23.88	15.46	31.21	23.61	18.16	34.8	24.02	16.8	32.91
01/01/2046 0:00	2046	23.84	16.22	33.26	22.61	16.71	45.79	23.79	15.62	31.18
01/01/2047 0:00	2047	23.36	13.96	32.92	19.48	15.94	30.39	24.35	18.42	37.01
01/01/2048 0:00	2048	19.72	14.03	34.47	25.7	14.95	36.25	29.52	19.19	42.26
01/01/2049 0:00	2049	21.05	14.96	42.58	24.33	17.55	34.2	25.98	15.79	33.73
01/01/2050 0:00	2050	22.16	14.74	28.92	24.43	14.94	43.78	23.32	15.26	37.36
01/01/2051 0:00	2051	24.21	16.73	43.76	25.15	18.62	41.01	23.91	17.48	40.57
01/01/2052 0:00	2052	25.11	16.15	37.47	26.42	17.61	35.16	24.16	15.72	31.61
01/01/2053 0:00	2053	25.21	15.35	43.4	21.97	13.17	35.13	26.04	19.14	36.65
01/01/2054 0:00	2054	24.73	18.75	34.34	22.77	16.1	44.34	29.19	17.46	39.06
01/01/2055 0:00	2055	21.3	15.69	36.26	20.47	15.33	36.58	21.14	14.04	32.85
01/01/2056 0:00	2056	27.22	18.68	44.26	21.93	15.37	39.22	23.12	14.76	37.03
01/01/2057 0:00	2057	24.99	14.7	33.57	22.31	16.75	41.73	25.8	17.11	34.26
01/01/2058 0:00	2058	24.72	16.78	33.39	22.39	15.98	36.51	25.02	15.74	40.08
01/01/2059 0:00	2059	24.16	17.46	43.78	24.55	16.07	33.92	25.13	18.15	38.51
01/01/2060 0:00	2060	20.15	15.65	31.88	23.43	17.01	40.56	22.23	15.26	37.57

01/01/2061 0:00	2061	21.03	15.15	35.9	22.76	16.07	34	23.8	16.32	49.48
01/01/2062 0:00	2062	23.4	18.56	42.32	24.91	16.49	30.87	24.92	19.36	42.12
01/01/2063 0:00	2063	23.08	17	35.19	24.98	16.78	37.25	24.26	17.08	40.82
01/01/2064 0:00	2064	27.11	18.42	39.35	23.77	13.77	32.55	26.68	19.66	40.34
01/01/2065 0:00	2065	21.63	16.42	33.12	22.82	17.33	38.51	23.72	17.23	36.62
01/01/2066 0:00	2066	20.13	15.96	31.87	22.77	16.9	37.65	25	16.35	47.13
01/01/2067 0:00	2067	23.51	15.52	44.51	22.56	14.62	42.87	28.41	18.97	43.92
01/01/2068 0:00	2068	24.54	14.63	36.43	27.28	19.15	37.71	24.76	17	38.7
01/01/2069 0:00	2069	21.16	15.67	36.85	24.87	16.02	35.39	25.67	16.57	46.47
01/01/2070 0:00	2070	23.32	17.23	34.42	24.9	17.73	38.15	23.96	19.41	34.4
01/01/2071 0:00	2071	24.37	17.18	30.74	25.17	16.22	37.83	25.21	15.51	32.99
01/01/2072 0:00	2072	25.13	16.57	40.73	25.98	17.29	38.06	26.7	18.68	43.37
01/01/2073 0:00	2073	22.25	15.91	32.85	25.82	17.73	33.13	23.75	17.85	44.3
01/01/2074 0:00	2074	24.66	17.39	35.48	25.76	17.57	44.27	26.7	15.93	36.55
01/01/2075 0:00	2075	24.52	17	33.16	29.6	18.89	37.31	29	16.7	36.92
01/01/2076 0:00	2076	24.5	15.77	34.56	24.27	15.53	31.88	23.41	17.19	39.47
01/01/2077 0:00	2077	22.04	16.64	30.64	25.14	16.62	44.26	25.37	15.79	40.29
01/01/2078 0:00	2078	20.33	16.67	34.53	23.12	15.17	41	24.27	15.37	34.4
01/01/2079 0:00	2079	23.62	15.92	57.7	25.96	19.22	41.01	24.6	16.5	45.61
01/01/2080 0:00	2080	22.64	15.74	36.92	27.04	17.09	44.82	24.49	16.2	42.23
01/01/2081 0:00	2081	21.47	17.57	29.98	23.58	16.66	37.13	23.9	14.02	34.84
01/01/2082 0:00	2082	23	18.23	40.52	24.38	17.11	31.85	25.02	18.51	48.52
01/01/2083 0:00	2083	24.05	19.45	40.04	22.29	17.06	36.08	24.37	17.59	45.16
01/01/2084 0:00	2084	25.29	14.95	34.07	22.39	15.49	35.99	24.74	19.63	36.57
01/01/2085 0:00	2085	25.46	16.83	34.94	23.35	15.57	30.87	23.33	17.53	42.59
01/01/2086 0:00	2086	23.94	17	33.84	24.71	14.11	52.29	26.44	18.14	42.92
01/01/2087 0:00	2087	24.65	14.5	38.45	22.33	16.74	35.1	25.38	15.49	32.25
01/01/2088 0:00	2088	24.74	18.34	35.13	19.87	13.97	33.95	27.27	17.31	46.08
01/01/2089 0:00	2089	22.67	17.03	38.2	25.94	17.88	54.02	24.44	16.42	35.98
01/01/2090 0:00	2090	27.61	17.45	42.55	28.88	17.05	40.17	24.71	16.54	35.6
01/01/2091 0:00	2091	23.25	13.95	38.09	23.82	15.84	37.36	22.06	16.31	34.81
01/01/2092 0:00	2092	23.34	16.16	33.58	23.09	15.29	31.86	21.93	17.25	45.94
01/01/2093 0:00	2093	20.82	13.9	32.78	22.08	15.45	36.73	24.43	17.39	34.8
01/01/2094 0:00	2094	22.67	14.25	26.27	26.16	17.81	44.23	24.96	16.69	34.86
01/01/2095 0:00	2095	21.79	14.86	35.32	19.03	14.58	39.04	27.09	19.74	38.53
01/01/2096 0:00	2096	25.63	17.97	45.87	20.22	17.12	31.13	25.73	16.2	34.76
01/01/2097 0:00	2097	21.61	17.94	32.04	25.23	16.83	38.51	25.53	16.95	37.22
01/01/2098 0:00	2098	27.69	18.87	57.59	25.02	19.7	34.19	23.05	18.51	41.03

01/01/2099 0:00 2099

24.39

16.73

37.59

22.58

15.79

31.13

23.79

17.75

37.72

DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5
			Range	Range	Median	Range	Range	Median	Range	Range
			(low)	(high)		(low)	(high)		(low)	(high)
01/01/1950 0:00	1950	115	96	122.7						
01/01/1951 0:00	1951	111.5	101	131						
01/01/1952 0:00	1952	116.5	95.5	130						
01/01/1953 0:00	1953	114	104	131.4						
01/01/1954 0:00	1954	112.5	95.3	133.1						
01/01/1955 0:00	1955	117.5	103	132.9						
01/01/1956 0:00	1956	114	98.9	128						
01/01/1957 0:00	1957	115.5	103.3	124						
01/01/1958 0:00	1958	118.5	97.6	131						
01/01/1959 0:00	1959	116	101.6	134.9						
01/01/1960 0:00	1960	113.5	96	125.7						
01/01/1961 0:00	1961	111	104	125						
01/01/1962 0:00	1962	121.5	103.3	135.5						
01/01/1963 0:00	1963	116.5	94.9	139.1						
01/01/1964 0:00	1964	111.5	95.9	126.4						
01/01/1965 0:00	1965	113.5	92.3	121.7						
01/01/1966 0:00	1966	107	97.3	120.7						
01/01/1967 0:00	1967	113	99.5	131.1						
01/01/1968 0:00	1968	113.5	98.3	131.7						
01/01/1969 0:00	1969	115	100.6	120.4						
01/01/1970 0:00	1970	115.5	100.3	126.7						
01/01/1971 0:00	1971	114.5	100	129.7						
01/01/1972 0:00	1972	117.5	97.9	124.7						
01/01/1973 0:00	1973	110.5	98.2	132.6						
01/01/1974 0:00	1974	113	99.1	126.7						
01/01/1975 0:00	1975	113	90	124.4						
01/01/1976 0:00	1976	111	95	123.7						
01/01/1977 0:00	1977	116	99.6	128.4						
01/01/1978 0:00	1978	111	97.3	128.7						
01/01/1979 0:00	1979	111.5	98.3	123.4						
01/01/1980 0:00	1980	109	98	131.4						
01/01/1981 0:00	1981	110	92.2	123.7						
01/01/1982 0:00	1982	114.5	98.3	126.7						
01/01/1983 0:00	1983	108.5	97.3	123.4						
01/01/1984 0:00	1984	107	96.6	118.7						





01/01/2023 0:00	2023	117.5	104.2	128.7	118	106.3	133.7	113.5	101	125.7
01/01/2024 0:00	2024	111.5	98.3	126.7	113.5	101.3	129.7	115	105	138.8
01/01/2025 0:00	2025	114.5	98.3	128.4	115.5	102.1	129	115	97.2	130
01/01/2026 0:00	2026	114	89.8	128.1	110	101.1	118.7	115	98.2	134.5
01/01/2027 0:00	2027	118.5	102.5	133.1	114.5	101.3	128.4	115	99.9	132
01/01/2028 0:00	2028	117	99.3	135.4	117	97.7	134.7	108.5	97.3	140
01/01/2029 0:00	2029	116.5	97.6	125.7	119	101.9	134.5	113.5	95.5	134
01/01/2030 0:00	2030	117	104.3	136.4	118.5	98.6	134.1	119	110	130
01/01/2031 0:00	2031	119.5	108.6	134.8	115.5	95.3	133	123	100.5	137
01/01/2032 0:00	2032	114.5	97.3	135.1	112	103	130.7	117.5	102.3	131.7
01/01/2033 0:00	2033	113.5	101.6	128.1	118.5	99.8	132.4	112	90	130
01/01/2034 0:00	2034	117	104.3	129.4	116.5	106	133.4	118	105.3	133.4
01/01/2035 0:00	2035	120	98.3	132.7	115.5	100.8	127.7	117.5	101.9	128.4
01/01/2036 0:00	2036	117	100.8	127.7	122.5	105.6	136.7	113.5	103.3	137.4
01/01/2037 0:00	2037	120.5	108.2	138.7	114	100.9	131	123	106.8	135
01/01/2038 0:00	2038	118	110.9	128.5	118.5	97.9	138.7	123	110	135
01/01/2039 0:00	2039	116	105	132.1	119.5	102.6	130.7	121.5	108	128
01/01/2040 0:00	2040	111	104.3	133.4	112	100.3	135	115.5	99	133
01/01/2041 0:00	2041	114	103	127.5	118.5	104.6	133.5	114.5	103.9	133.7
01/01/2042 0:00	2042	115	103.6	131.9	120	105.6	141.1	120	103.3	137.7
01/01/2043 0:00	2043	119.5	105.4	136.5	113	103.3	126.1	116.5	104	131.3
01/01/2044 0:00	2044	120.5	102.3	135.4	118	107.3	127.4	115	99.2	135
01/01/2045 0:00	2045	121.5	102.3	137.6	117	103.3	135	122	99.2	141.6
01/01/2046 0:00	2046	114	96.6	131.1	120	106	140.7	120.5	105	135.7
01/01/2047 0:00	2047	118	98.5	138	116	99.5	140.7	116.5	108	130.1
01/01/2048 0:00	2048	119	101.3	136	111.5	100.3	130.4	112.5	98.3	131.7
01/01/2049 0:00	2049	119	94.9	133.4	113.5	101.5	139.5	118.5	101	131.8
01/01/2050 0:00	2050	113.5	103	130	116.5	104.6	130.8	112	104	130.4
01/01/2051 0:00	2051	117	100.1	144.7	120	100.3	134.7	118.5	97.7	134.4
01/01/2052 0:00	2052	115.5	100.3	134	115	102	128.4	116	98.2	135.7
01/01/2053 0:00	2053	114.5	103.3	126	117.5	107.3	131.7	119	106	131.7
01/01/2054 0:00	2054	121	104.9	132.7	121.5	106.9	140.8	122.5	106.1	141.7
01/01/2055 0:00	2055	116	106.3	131.7	117	104.6	129.8	114.5	99	138.1
01/01/2056 0:00	2056	123	106.9	136.2	121	98.3	137.3	120.5	103.3	136
01/01/2057 0:00	2057	120.5	108.1	132.7	121.5	112.3	133.7	115	104.3	129.8
01/01/2058 0:00	2058	117	101.1	128	118	101.3	149.1	118	102.2	132
01/01/2059 0:00	2059	123.5	108.6	136.7	113.5	104.6	126.1	121.5	102	134
01/01/2060 0:00	2060	113.5	102.3	130.5	117.5	101.6	136.7	116.5	99.6	134

01/01/2061 0:00	2061	115	97.6	135.9	125	107.5	134.4	122	112.9	136.9
01/01/2062 0:00	2062	117.5	95.6	131.7	117.5	107	134.4	117.5	100.3	135.4
01/01/2063 0:00	2063	119.5	101.2	140.7	119	104.3	139.4	114.5	98	132.1
01/01/2064 0:00	2064	123.5	98.4	144	120.5	105.9	130.8	120.5	102.6	136.2
01/01/2065 0:00	2065	116	107.3	130.7	119	108.3	130.7	117.5	101.5	135.4
01/01/2066 0:00	2066	119	108.3	132	110.5	99.5	134.4	116.5	99	135.6
01/01/2067 0:00	2067	118	102.6	131.5	112	102	128.7	115.5	99.9	134.5
01/01/2068 0:00	2068	114.5	99.3	132.8	116.5	101.6	133.6	124.5	107.6	138.7
01/01/2069 0:00	2069	115	100.8	127.1	117.5	90.7	129.4	119.5	110	145.1
01/01/2070 0:00	2070	117	107.3	136.4	116.5	102.3	132.5	124.5	107.3	137
01/01/2071 0:00	2071	114.5	104	137.1	124	103.6	141.6	118.5	95.3	134.7
01/01/2072 0:00	2072	118	101.2	128	121.5	103.3	134.4	118	101.9	133
01/01/2073 0:00	2073	117	104	131.9	117	98.2	135.1	115.5	107.3	130.8
01/01/2074 0:00	2074	121	101.2	128	118	110.6	135.4	121.5	110.9	142.2
01/01/2075 0:00	2075	120.5	106.6	139.2	120.5	106.8	131	117.5	103.9	139.7
01/01/2076 0:00	2076	114.5	103	133.3	118.5	93.4	130.4	120.5	107	134.4
01/01/2077 0:00	2077	120.5	98.9	133.1	121.5	109.3	134	116	98.3	138.8
01/01/2078 0:00	2078	117.5	107.2	132.8	117	100.6	133.2	118.5	104.9	137.7
01/01/2079 0:00	2079	116.5	94.9	136.6	121	100	131.8	115.5	99.6	130.4
01/01/2080 0:00	2080	115.5	98.3	137.1	121	102.9	143.7	119.5	108.6	136
01/01/2081 0:00	2081	115	106.3	130	120.5	107.2	132.1	116	104.6	137.7
01/01/2082 0:00	2082	113.5	101.5	127.1	120.5	106.6	138	117.5	103.3	134.1
01/01/2083 0:00	2083	114.5	100.6	135.4	114.5	100.9	136.8	124	106	133.7
01/01/2084 0:00	2084	119	94.7	133.2	116	95.1	132	120	107.6	139.1
01/01/2085 0:00	2085	118	101.3	134.5	120	102.8	133.7	121	101.3	130.7
01/01/2086 0:00	2086	122	99.6	132	114	96.3	131.1	119.5	100	137.7
01/01/2087 0:00	2087	118	101.9	135.7	119	106.3	132.7	120.5	99.6	140.8
01/01/2088 0:00	2088	114.5	103.9	124.4	112.5	98.2	128.7	119.5	105.2	141.4
01/01/2089 0:00	2089	120.5	99.6	137.1	110	100.3	134.1	117	104	136.4
01/01/2090 0:00	2090	117.5	99	134.1	119	101.2	133.7	119.5	96.6	135.4
01/01/2091 0:00	2091	119.5	107.9	132	116.5	98.9	130.7	122	96.3	134.7
01/01/2092 0:00	2092	112.5	99.3	133.7	119.5	108	132	125	117	134
01/01/2093 0:00	2093	116.5	107.6	127.8	115.5	101.1	134	121.5	99.5	136.1
01/01/2094 0:00	2094	115	98	127.7	117.5	102.3	139.9	123	107.3	132.7
01/01/2095 0:00	2095	119.5	95	128.7	114.5	100.3	141.9	120	99.3	133.1
01/01/2096 0:00	2096	120	103.5	132.7	113	100.9	129	120.5	109.3	139.1
01/01/2097 0:00	2097	116	101	132.3	123	108.5	139.1	122	103.1	134.7
01/01/2098 0:00	2098	119.5	101.3	130.4	114	97.9	137.4	127	100	139.8

01/01/2099 0:00 2099

121.5

113

131.4

117

107.3

134.9

116

102.6

144.8





01/01/2023 0:00	2023	8	2.3	12.4	6	3	10	7	4.3	9.7
01/01/2024 0:00	2024	6	3	12	6	4	11	6	4	10.7
01/01/2025 0:00	2025	5.5	2.3	11.7	7	3	10	7	4	11.4
01/01/2026 0:00	2026	6.5	4	9.7	5.5	4	10	7	3	9
01/01/2027 0:00	2027	7.5	4	11	8	4	10.7	7	5	9.4
01/01/2028 0:00	2028	6	4	10	7	4.3	11.4	7	3	12.4
01/01/2029 0:00	2029	6	3	9	6	3.3	11.4	6	3.3	11.4
01/01/2030 0:00	2030	7	3.3	11	7	4	10	8	5	10
01/01/2031 0:00	2031	6.5	3	11	7	3	12.4	8	4	12
01/01/2032 0:00	2032	7	3	10.7	9	5	12.7	7.5	2.3	11
01/01/2033 0:00	2033	6	3	9	7	3	10.7	7	3.6	9.7
01/01/2034 0:00	2034	7	3.3	10.4	7	5	10.7	7	4.3	12
01/01/2035 0:00	2035	7	3	12	7.5	4	12	8	4	12
01/01/2036 0:00	2036	6	3.3	11.7	6	3.3	11	6	3	9
01/01/2037 0:00	2037	7	2	11.4	6	4.3	9.7	8	5.3	14.4
01/01/2038 0:00	2038	6.5	5	10.7	9	4.3	13.7	8.5	4.6	10
01/01/2039 0:00	2039	7.5	4	12.1	6	3	11.7	7.5	4	12
01/01/2040 0:00	2040	6	3.3	11	7.5	4	11.7	6.5	4	11
01/01/2041 0:00	2041	7.5	3	10	6	3.3	11.7	7	4	9.7
01/01/2042 0:00	2042	7	4.3	10	7	3	15	9	4	13
01/01/2043 0:00	2043	8	3.3	12.8	6	3	9	7.5	3.6	13
01/01/2044 0:00	2044	7	2.3	10.7	7	5	11.7	7.5	4.3	12.4
01/01/2045 0:00	2045	7	3.3	8.7	7.5	4.3	11.7	8	4	10
01/01/2046 0:00	2046	7	4	11.7	6.5	3.3	11	7	3.3	9.7
01/01/2047 0:00	2047	7.5	2.3	10	7	3	9	7	4	9
01/01/2048 0:00	2048	8	4.3	10.7	6	2	11	9	5	11
01/01/2049 0:00	2049	7	3.3	11	8.5	4	13	7	4	10
01/01/2050 0:00	2050	7	3.3	9.7	7.5	4	11.7	6.5	2.3	10.7
01/01/2051 0:00	2051	6	3.3	11.1	8.5	4.3	11.7	7	4	10
01/01/2052 0:00	2052	6.5	3.3	11.4	7.5	4.3	12.1	7.5	4.3	11
01/01/2053 0:00	2053	7	2.6	10.7	7	3	11	8.5	4	12.1
01/01/2054 0:00	2054	7	4.3	10	7.5	5	14.4	8	5.3	11.7
01/01/2055 0:00	2055	6	3.3	12.8	6.5	4.3	10.7	7	5	11
01/01/2056 0:00	2056	8	6	11.7	6	4	11.4	8.5	4.3	14.7
01/01/2057 0:00	2057	6.5	4.3	11	8	2.3	10.7	8	5	13.4
01/01/2058 0:00	2058	7	5	11.7	7	5	10	8	4.3	11.7
01/01/2059 0:00	2059	7.5	5.3	11.7	6.5	3.3	10	9.5	3.6	15
01/01/2060 0:00	2060	6.5	4	10	7	4	12	6.5	3.3	10.7

01/01/2061 0:00	2061	6.5	2.3	11	8	3	10	8.5	4.3	13.7
01/01/2062 0:00	2062	7.5	4	11	9	5	12.7	8	4	11.7
01/01/2063 0:00	2063	8.5	5	11.7	7.5	3.3	11.7	7.5	4	10
01/01/2064 0:00	2064	8	5	11	7	3.6	12	9	5	13
01/01/2065 0:00	2065	7	3.3	9.7	8	4	11	8	4.3	11.4
01/01/2066 0:00	2066	7	4	9	7	4	10.7	8	4.3	12
01/01/2067 0:00	2067	7	4.3	9	7	3	11	7	5	10
01/01/2068 0:00	2068	7.5	3	11	7	3	13.1	9	6	13
01/01/2069 0:00	2069	6	3.3	11.7	7.5	3.6	12.7	9	5	13
01/01/2070 0:00	2070	7.5	4.3	12	8	5	11	8	4	15.7
01/01/2071 0:00	2071	7	4.3	11.7	8	5.3	14	9	3	12.7
01/01/2072 0:00	2072	7	4.3	11.4	8.5	4.3	11.7	9	5	12.7
01/01/2073 0:00	2073	6.5	4	11	8	4	15	7.5	5	11.7
01/01/2074 0:00	2074	6	3.3	9.7	9	4	12.7	8	5.3	11.4
01/01/2075 0:00	2075	7.5	4.3	12	7	5.3	11	7	4	12
01/01/2076 0:00	2076	8	4	11.7	7	4	12	7	3	12
01/01/2077 0:00	2077	6.5	3.3	13.7	8	4	12.4	6	4.3	10
01/01/2078 0:00	2078	6	4	11	7	4	13.5	7.5	3.6	15.7
01/01/2079 0:00	2079	6.5	4	10.7	7.5	5	13.4	7	4	13
01/01/2080 0:00	2080	6.5	2.3	10.7	7.5	3.3	14.4	7	4.3	12.7
01/01/2081 0:00	2081	7	4	11.7	8	4.3	11.7	8.5	2.3	11
01/01/2082 0:00	2082	7	4.3	10	8.5	5	12.7	7.5	4.3	15.1
01/01/2083 0:00	2083	8	4	11.7	8	3	12	9	2.9	13.7
01/01/2084 0:00	2084	6.5	4	9.7	7	4.3	13.1	9	5	13.7
01/01/2085 0:00	2085	8	5	10	7.5	5	12.7	8	5.3	11.7
01/01/2086 0:00	2086	6.5	3	10.7	8	5	11.7	7.5	4	10
01/01/2087 0:00	2087	7	3.3	10	8	4.3	11	9.5	4.3	11.7
01/01/2088 0:00	2088	7	4	9.7	6	4	10.7	8.5	5	14
01/01/2089 0:00	2089	7	4.6	11.4	7.5	3.3	12	6.5	4	12
01/01/2090 0:00	2090	6	3.6	10.7	9	4.6	13.4	8	4.3	12.7
01/01/2091 0:00	2091	6	4	9.7	9	3.9	10.7	7.5	4.3	11.7
01/01/2092 0:00	2092	7	3	9	8.5	6	11	9	6	14.4
01/01/2093 0:00	2093	7	4	10	8	6	11	8.5	4	13
01/01/2094 0:00	2094	6.5	3.3	10	8	4.3	11.4	8	4.3	11.7
01/01/2095 0:00	2095	6.5	2.3	11.7	6	4	10.7	9	6	14
01/01/2096 0:00	2096	7	5	11	6	4	10	7	5	13.7
01/01/2097 0:00	2097	7.5	5	11	8	4.3	13.4	8.5	3.3	12.4
01/01/2098 0:00	2098	7.5	5	12.7	7	6	10.7	10	6	13.7

01/01/2099 0:00 2099

7

5

10.7

7.5

4.3

10.7

8.5

4.6

14



DateTime	Year	Historical	Historical	Historical	RCP 2.6	RCP 2.6	RCP 4.5	RCP 4.5	RCP 8.5	RCP 8.5
			Range	Range	Range	Range	Range	Range	Range	Range
			(low)	(high)	Median	(low)	(high)	Median	(low)	(high)
01/01/1950 0:00	1950	0	0	0	0					
01/01/1951 0:00	1951	0	0	0	0					
01/01/1952 0:00	1952	0	0	0	0					
01/01/1953 0:00	1953	0	0	0	0					
01/01/1954 0:00	1954	0	0	0	0					
01/01/1955 0:00	1955	0	0	0	0					
01/01/1956 0:00	1956	0	0	0	0					
01/01/1957 0:00	1957	0	0	0	0					
01/01/1958 0:00	1958	0	0	0	0					
01/01/1959 0:00	1959	0	0	0	0					
01/01/1960 0:00	1960	0	0	0	0					
01/01/1961 0:00	1961	0	0	0	0					
01/01/1962 0:00	1962	0	0	0	0					
01/01/1963 0:00	1963	0	0	0	0					
01/01/1964 0:00	1964	0	0	0	0					
01/01/1965 0:00	1965	0	0	0	0					
01/01/1966 0:00	1966	0	0	0	0					
01/01/1967 0:00	1967	0	0	0	0					
01/01/1968 0:00	1968	0	0	0	0					
01/01/1969 0:00	1969	0	0	0	0					
01/01/1970 0:00	1970	0	0	0	0					
01/01/1971 0:00	1971	0	0	0	0					
01/01/1972 0:00	1972	0	0	0	0					
01/01/1973 0:00	1973	0	0	0	0					
01/01/1974 0:00	1974	0	0	0	0					
01/01/1975 0:00	1975	0	0	0	0					
01/01/1976 0:00	1976	0	0	0	0					
01/01/1977 0:00	1977	0	0	0	0					
01/01/1978 0:00	1978	0	0	0	0					
01/01/1979 0:00	1979	0	0	0	0					
01/01/1980 0:00	1980	0	0	0	0					
01/01/1981 0:00	1981	0	0	0	0					
01/01/1982 0:00	1982	0	0	0	0					
01/01/1983 0:00	1983	0	0	0	0					
01/01/1984 0:00	1984	0	0	0	0					

01/01/1985 0:00	1985	0	0	0									
01/01/1986 0:00	1986	0	0	0									
01/01/1987 0:00	1987	0	0	0									
01/01/1988 0:00	1988	0	0	0									
01/01/1989 0:00	1989	0	0	0									
01/01/1990 0:00	1990	0	0	0									
01/01/1991 0:00	1991	0	0	0									
01/01/1992 0:00	1992	0	0	0									
01/01/1993 0:00	1993	0	0	0									
01/01/1994 0:00	1994	0	0	0									
01/01/1995 0:00	1995	0	0	0									
01/01/1996 0:00	1996	0	0	0									
01/01/1997 0:00	1997	0	0	0									
01/01/1998 0:00	1998	0	0	0									
01/01/1999 0:00	1999	0	0	0									
01/01/2000 0:00	2000	0	0	0									
01/01/2001 0:00	2001	0	0	0									
01/01/2002 0:00	2002	0	0	0									
01/01/2003 0:00	2003	0	0	0									
01/01/2004 0:00	2004	0	0	0									
01/01/2005 0:00	2005	0	0	0	0	0	0	1	0	2	1	0	2.7
01/01/2006 0:00	2006				0	0	0	1	0	3	1	0	2.7
01/01/2007 0:00	2007				0	0	0	1	0	2.7	1	0	2
01/01/2008 0:00	2008				0	0	0	1.5	0	3.7	1	0	2
01/01/2009 0:00	2009				0	0	0	0.5	0	2	1	0	3
01/01/2010 0:00	2010				0	0	0	1	0	2	1	0.3	2.7
01/01/2011 0:00	2011				0	0	0	1	0	2.7	1	0	1
01/01/2012 0:00	2012				0	0	0	1	0	2	0	0	2
01/01/2013 0:00	2013				0	0	0	1	0	2	1	0	2
01/01/2014 0:00	2014				0	0	0	1	0	2	1	0	3
01/01/2015 0:00	2015				0	0	0	1	0	3	1	0	2.7
01/01/2016 0:00	2016				0	0	0	1	0	2.7	1	0	3
01/01/2017 0:00	2017				0	0	0	1	0	3	1	0	2.7
01/01/2018 0:00	2018				0	0	0	1	0	2	0.5	0	2
01/01/2019 0:00	2019				0	0	0	1	0	1.7	0	0	2
01/01/2020 0:00	2020				0	0	0	1	0	2	1	0	3
01/01/2021 0:00	2021				0	0	0	1	0	2	1	0	2
01/01/2022 0:00	2022				0	0	0	1	0	2.7	1	0	2

01/01/2023 0:00	2023	0	0	0	1	0	3.7	1	0	2.7
01/01/2024 0:00	2024	0	0	0	1	0	2	0.5	0	2
01/01/2025 0:00	2025	0	0	0	1	0	2	1	0	2.7
01/01/2026 0:00	2026	0	0	0	1	0	2	1	0	2
01/01/2027 0:00	2027	0	0	0	1	0	2.4	1	0	2
01/01/2028 0:00	2028	0	0	0	0.5	0	3	0.5	0	2
01/01/2029 0:00	2029	0	0	0	1	0	2	1	0	2.7
01/01/2030 0:00	2030	0	0	0	1	0	2.7	1	0	4.4
01/01/2031 0:00	2031	0	0	0	1	0	3	1	0	3
01/01/2032 0:00	2032	0	0	0	1	0	2.7	1	0	2
01/01/2033 0:00	2033	0	0	0	1	0	2.7	1	0	2
01/01/2034 0:00	2034	0	0	0	1	0	2	1	0	3
01/01/2035 0:00	2035	0	0	0	1.5	0	4.4	1	0	3
01/01/2036 0:00	2036	0	0	0	1	0	3	1	0	2.7
01/01/2037 0:00	2037	0	0	0	1	0	2	1	0	3
01/01/2038 0:00	2038	0	0	0	2	0	3	1	0	3
01/01/2039 0:00	2039	0	0	0	1	0	2.7	1	0	2
01/01/2040 0:00	2040	0	0	0	1	0	3	1	0	2
01/01/2041 0:00	2041	0	0	0	1	0	3	1	0	3
01/01/2042 0:00	2042	0	0	0	1	0	3.7	1	0	3.7
01/01/2043 0:00	2043	0	0	0	1	0	2.7	2	0	3
01/01/2044 0:00	2044	0	0	0	1	0	2	1	0	3.7
01/01/2045 0:00	2045	0	0	0	1	0	3	1	0	2
01/01/2046 0:00	2046	0	0	0	1	0	2	1	0	2.7
01/01/2047 0:00	2047	0	0	0	0	0	1	1	0	2
01/01/2048 0:00	2048	0	0	0	1	0	2	1.5	0.3	3.7
01/01/2049 0:00	2049	0	0	0	1	0	3	1	0	2
01/01/2050 0:00	2050	0	0	0	1	0	2.7	1	0	3.7
01/01/2051 0:00	2051	0	0	0	1	0	3	1	0	2.7
01/01/2052 0:00	2052	0	0	0	1	0	3.7	1	0	3
01/01/2053 0:00	2053	0	0	0	1	0	2.7	1	0	3
01/01/2054 0:00	2054	0	0	0	1	0	3	2	0	2.7
01/01/2055 0:00	2055	0	0	0	1	0	2	1	0	2
01/01/2056 0:00	2056	0	0	0	1	0	3	1.5	0	3
01/01/2057 0:00	2057	0	0	0	1	0	3	1	0	3
01/01/2058 0:00	2058	0	0	0	1	0	2	1	0	2
01/01/2059 0:00	2059	0	0	0	1	0	2	2	0	3
01/01/2060 0:00	2060	0	0	0	1	0	3	1	0	4

01/01/2061 0:00	2061	0	0	0	1	0	3	1	0	2.7
01/01/2062 0:00	2062	0	0	0	1	0	2	1	0	3
01/01/2063 0:00	2063	0	0	0	1	0	3	1	0	3
01/01/2064 0:00	2064	0	0	0	1	0	3	2	0.3	3
01/01/2065 0:00	2065	0	0	0	1	0	2.7	1	0	3
01/01/2066 0:00	2066	0	0	0	1	0	2.7	1	0	2
01/01/2067 0:00	2067	0	0	0	1	0	2	1	0	2.7
01/01/2068 0:00	2068	0	0	0	1	0	3	1.5	0	3.7
01/01/2069 0:00	2069	0	0	0	1	0	2.7	1	0	4
01/01/2070 0:00	2070	0	0	0	2	0	3	1	0	3
01/01/2071 0:00	2071	0	0	0	1.5	0	4	1	0	3.7
01/01/2072 0:00	2072	0	0	0	1.5	0	3	1	0	4
01/01/2073 0:00	2073	0	0	0	1	0	2.7	1	0	3
01/01/2074 0:00	2074	0	0	0	1	0	4	1	0	3
01/01/2075 0:00	2075	0	0	0	1	0	2.7	1	0	4
01/01/2076 0:00	2076	0	0	0	1	0	2.7	1.5	0	2.7
01/01/2077 0:00	2077	0	0	0	1	0	3	1	0	2.7
01/01/2078 0:00	2078	0	0	0	1.5	0	2.7	2	0	3
01/01/2079 0:00	2079	0	0	0	2	0.3	3.7	1.5	0	3.7
01/01/2080 0:00	2080	0	0	0	1	0	2.7	1	0	3
01/01/2081 0:00	2081	0	0	0	1	0	3.7	1	0	2.7
01/01/2082 0:00	2082	0	0	0	1	0	3	1	0	3
01/01/2083 0:00	2083	0	0	0	1	0	2.7	2	0	4
01/01/2084 0:00	2084	0	0	0	1	0	2	1.5	0	3
01/01/2085 0:00	2085	0	0	0	1	0	2.7	1	0	3.7
01/01/2086 0:00	2086	0	0	0	1	0	2	1	0	3.7
01/01/2087 0:00	2087	0	0	0	1	0	2.7	1	0	3.7
01/01/2088 0:00	2088	0	0	0	0.5	0	2	2	0	4
01/01/2089 0:00	2089	0	0	0	1	0	2.7	1.5	0	3.7
01/01/2090 0:00	2090	0	0	0	2	0	3.7	1	0	2
01/01/2091 0:00	2091	0	0	0	1	0	2	1	0	2
01/01/2092 0:00	2092	0	0	0	1	0	3	1	0	4.4
01/01/2093 0:00	2093	0	0	0	1	0	3	1	0	3
01/01/2094 0:00	2094	0	0	0	1	0	4	1	0	3
01/01/2095 0:00	2095	0	0	0	0	0	2.7	2	0.3	4
01/01/2096 0:00	2096	0	0	0	1	0	2	1.5	0	3
01/01/2097 0:00	2097	0	0	0	1	0	3	1	0	3
01/01/2098 0:00	2098	0	0	0	1	0	2	1	0	3

01/01/2099 0:00 2099

0 0 0 1 0 2 1 0 3

## **Appendix C:**

### **Greenhouse Gas Emissions Calculations**

Greenhouse Gas Emission Summary

Source	Scenario	Emissions (tonne/year)			
		CO2	CH4	N2O	CO2e
100-year Global Warming Potential (GWP) <sup>(1)</sup> :		1	25	298	
<b>Direct GHG Emissions</b>					
On-Road Mobile Combustion	CONST_Ann	1,560	0.07	0.08	1,586
	OPS_Ann	541	0.02	0.03	551
	DECOM_Ann	357	0.01	0.02	363
Off-Road Mobile Combustion	CONST_Ann	6,507	0.18	0.55	6,676
	OPS_Ann	3,119	0.08	0.26	3,200
	DECOM_Ann	3,485	0.09	0.30	3,575
Stationary Combustion	CONST_Ann	18,570	0	0	18,647
	OPS_Ann	8,092	0	1	8,251
	DECOM_Ann	20,952	0	0	21,081
Land Use Change	CONST_Ann	4,130			4,130
	OPS_Ann	0			0
	DECOM_Ann	0			0
<b>Acquired Energy GHG Emissions</b>					
Provincially Supplied Power	CONST_Ann				0
	OPS_Ann				18,700
	DECOM_Ann				0

Notes:

(1) GWPs specified by ECCC follow the 100-year values from the IPCC "Fourth Assessment Report" (AR4)

Greenhouse Gas Emission Summary by Scenario

Scenario	Emissions (tonne/year)			
	CO2	CH4	N2O	CO2e
<b>Direct GHG Emissions</b>				
CONST_Ann	30,767	0	1	31,039
OPS_Ann	11,752	0	1	12,002
DECOM_Ann	24,794	0	1	25,019
<b>Acquired Energy GHG Emissions</b>				
CONST_Ann				0
OPS_Ann				18,700
DECOM_Ann				0
<b>TOTAL GHG Emissions (CO2e/yr)</b>				
CONST_Ann	Construction			31,039
OPS_Ann	Operations			30,702
DECOM_Ann	Decommissioning			25,019

On-Road Mobile Combustion

Scenario	Source	Type	EF Type	Engine Tier	Fuel	Engine Size (hp)	Fuel Cons. (L/h)	Annual hours	Fuel (L)	Emission Factors (g/L fuel)			Emissions (tonne/year)		
										CO2	CH4	N2O	CO2	CH4	N2O
CONST_Ann	Pick-up trucks	LDGT	On-road	Tier 2	Gasoline	430	4.9	8,574	42,182	2307.3	0.14	0.022	97.3	5.9E-03	9.3E-04
CONST_Ann	Crew van	LDGT	On-road	Tier 2	Gasoline	350	6.2	3,211	19,843	2307.3	0.14	0.022	45.8	2.8E-03	4.4E-04
CONST_Ann	Ambulance	LDGT	On-road	Tier 2	Gasoline	255	9.7	0	0	2307.3	0.14	0.022	0.0	0.0E+00	0.0E+00
CONST_Ann	Fire Truck	HDDV	On-road	Tier 2	Diesel	300	19.6	0	0	2680.5	0.11	0.151	0.0	0.0E+00	0.0E+00
CONST_Ann	MaxPERF truck	HDDV	On-road	Tier 2	Diesel	510	76.7	265	20,338	2680.5	0.11	0.151	54.5	2.2E-03	3.1E-03
CONST_Ann	Delivery/Freight	HDDV	On-road	Tier 2	Diesel	510	76.7	1,098	84,234	2680.5	0.11	0.151	225.8	9.3E-03	1.3E-02
CONST_Ann	Cement Truck	HDDV	On-road	Tier 2	Diesel	750	102.4	4,140	423,936	2680.5	0.11	0.151	1136.4	4.7E-02	6.4E-02
OPS_Ann	Pick-up trucks	LDGT	On-road	Tier 2	Gasoline	430	4.9	7,539	37,094	2680.5	0.11	0.151	99.4	4.1E-03	5.6E-03
OPS_Ann	Crew van	LDGT	On-road	Tier 2	Gasoline	350	6.2	3,211	19,843	2680.5	0.11	0.151	53.2	2.2E-03	3.0E-03
OPS_Ann	Ambulance	LDGT	On-road	Tier 2	Gasoline	255	9.7	151	1,457	2680.5	0.11	0.151	3.9	1.6E-04	2.2E-04
OPS_Ann	Fire Truck	HDDV	On-road	Tier 2	Diesel	300	19.6	151	2,956	2680.5	0.11	0.151	7.9	3.3E-04	4.5E-04
OPS_Ann	MaxPERF truck	HDDV	On-road	Tier 2	Diesel	510	76.7	368	28,271	2680.5	0.11	0.151	75.8	3.1E-03	4.3E-03
OPS_Ann	Delivery/Freight	HDDV	On-road	Tier 2	Diesel	510	76.7	1,464	112,312	2680.5	0.11	0.151	301.1	1.2E-02	1.7E-02
DECOM_Ann	Pick-up trucks	LDGT	On-road	Tier 2	Gasoline	430	4.9	7,539	37,094	2680.5	0.11	0.151	99.4	4.1E-03	5.6E-03
DECOM_Ann	Crew van	LDGT	On-road	Tier 2	Gasoline	350	6.2	3,211	19,843	2680.5	0.11	0.151	53.2	2.2E-03	3.0E-03
DECOM_Ann	Ambulance	LDGT	On-road	Tier 2	Gasoline	255	9.7	151	1,457	2680.5	0.11	0.151	3.9	1.6E-04	2.2E-04
DECOM_Ann	Fire Truck	HDDV	On-road	Tier 2	Diesel	300	19.6	151	2,956	2680.5	0.11	0.151	7.9	3.3E-04	4.5E-04
DECOM_Ann	MaxPERF truck	HDDV	On-road	Tier 2	Diesel	510	76.7	0	0	2680.5	0.11	0.151	0.0	0.0E+00	0.0E+00
DECOM_Ann	Delivery/Freight	HDDV	On-road	Tier 2	Diesel	510	76.7	936	71,828	2680.5	0.11	0.151	192.5	7.9E-03	1.1E-02

Off-Road Mobile Combustion

Scenario	Source Type	No. of Equip.	Utilization	Weighted No. of Equipment	Fuel Consumption (L/hr)	Annual Operation (hr)	Fuel Used (L)	Emission Factors (g/L fuel)			Emissions (tonne/year)		
								CO2	CH4	N2O	CO2	CH4	N2O
CONST_Ann	Water truck	1	33%	0.33	19.6	2,760	54,102	2680.5	0.073	0.227	145.0	0.0	0.0
CONST_Ann	Dozer	2	33%	0.67	110.0	5,520	607,200	2680.5	0.073	0.227	1627.6	0.0	0.1
CONST_Ann	Forklift	3	50%	1.50	13.7	12,420	169,906	2680.5	0.073	0.227	455.4	0.0	0.0
CONST_Ann	Man lift	2	25%	0.50	6.0	4,140	24,716	2680.5	0.073	0.227	66.3	0.0	0.0
CONST_Ann	Skid steer	3	50%	1.50	12.8	12,420	158,976	2680.5	0.073	0.227	426.1	0.0	0.0
CONST_Ann	Flat deck truck	1	25%	0.25	37.5	2,070	77,666	2680.5	0.073	0.227	208.2	0.0	0.0
CONST_Ann	Vacuum truck	2	33%	0.67	51.1	5,520	282,182	2680.5	0.073	0.227	756.4	0.0	0.1
CONST_Ann	Crane	1	17%	0.17	42.0	1,380	57,960	2680.5	0.073	0.227	155.4	0.0	0.0
CONST_Ann	DR drill rig	2	34%	0.67	88.0	5,558	489,087	2680.5	0.073	0.227	1311.0	0.0	0.1
CONST_Ann	Mud rotary drill rig	2	34%	0.67	76.7	5,558	426,395	2680.5	0.073	0.227	1143.0	0.0	0.1
CONST_Ann	Grader	1	1%	0.01	42.0	51	2,134	2680.5	0.073	0.227	5.7	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	9	394	2680.5	0.073	0.227	1.1	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	9	372	2680.5	0.073	0.227	1.0	0.0	0.0
CONST_Ann	Grader	1	1%	0.01	42.0	46	1,948	2680.5	0.073	0.227	5.2	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
CONST_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
CONST_Ann	Wheel loader	1	4%	0.04	13.7	310	4,243	2680.5	0.073	0.227	11.4	0.0	0.0
CONST_Ann	Wheel loader	1	4%	0.04	13.7	310	4,243	2680.5	0.073	0.227	11.4	0.0	0.0

CONST_Ann	Haul truck	1	8%	0.08	50.0	662	33,087	2680.5	0.073	0.227	88.7	0.0	0.0
CONST_Ann	Haul truck	1	8%	0.08	50.0	662	33,087	2680.5	0.073	0.227	88.7	0.0	0.0
OPS_Ann	Water truck	1	21%	0.21	19.6	1,741	34,118	2680.5	0.073	0.227	91.5	0.0	0.0
OPS_Ann	Water truck	1	4%	0.04	19.6	318	6,233	2680.5	0.073	0.227	16.7	0.0	0.0
OPS_Ann	Water truck	1	4%	0.04	19.6	301	5,905	2680.5	0.073	0.227	15.8	0.0	0.0
OPS_Ann	Water truck	1	19%	0.19	19.6	1,573	30,838	2680.5	0.073	0.227	82.7	0.0	0.0
OPS_Ann	Forklift	1	24%	0.24	13.7	1,967	26,902	2680.5	0.073	0.227	72.1	0.0	0.0
OPS_Ann	Forklift	1	24%	0.24	13.7	1,967	26,902	2680.5	0.073	0.227	72.1	0.0	0.0
OPS_Ann	Forklift	1	24%	0.24	13.7	1,967	26,902	2680.5	0.073	0.227	72.1	0.0	0.0
OPS_Ann	Man lift	2	24%	0.48	6.0	3,933	23,480	2680.5	0.073	0.227	62.9	0.0	0.0
OPS_Ann	Skid steer	2	32%	0.63	12.8	5,244	67,123	2680.5	0.073	0.227	179.9	0.0	0.0
OPS_Ann	Flat deck truck	1	24%	0.24	37.5	1,967	73,783	2680.5	0.073	0.227	197.8	0.0	0.0
OPS_Ann	Vacuum truck	2	24%	0.48	51.1	3,933	201,055	2680.5	0.073	0.227	538.9	0.0	0.0
OPS_Ann	Crane	1	4%	0.04	42.0	328	13,766	2680.5	0.073	0.227	36.9	0.0	0.0
OPS_Ann	DR drill rig	2	22%	0.45	88.0	3,705	326,058	2680.5	0.073	0.227	874.0	0.0	0.1
OPS_Ann	Mud rotary drill rig	2	22%	0.45	76.7	3,705	284,263	2680.5	0.073	0.227	762.0	0.0	0.1
OPS_Ann	Grader	1	1%	0.01	42.0	51	2,134	2680.5	0.073	0.227	5.7	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	9	394	2680.5	0.073	0.227	1.1	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	9	372	2680.5	0.073	0.227	1.0	0.0	0.0
OPS_Ann	Grader	1	1%	0.01	42.0	46	1,948	2680.5	0.073	0.227	5.2	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
OPS_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
OPS_Ann	Wheel loader	1	5%	0.05	13.7	414	5,658	2680.5	0.073	0.227	15.2	0.0	0.0
OPS_Ann	Wheel loader	1	5%	0.05	13.7	414	5,658	2680.5	0.073	0.227	15.2	0.0	0.0
DECOM_Ann	Water truck	1	15%	0.15	19.6	1,221	23,943	2680.5	0.073	0.227	64.2	0.0	0.0
DECOM_Ann	Water truck	1	3%	0.03	19.6	223	4,374	2680.5	0.073	0.227	11.7	0.0	0.0
DECOM_Ann	Water truck	1	3%	0.03	19.6	211	4,144	2680.5	0.073	0.227	11.1	0.0	0.0
DECOM_Ann	Water truck	1	13%	0.13	19.6	1,104	21,641	2680.5	0.073	0.227	58.0	0.0	0.0
DECOM_Ann	Dozer	1	33%	0.17	110.0	1,380	151,800	2680.5	0.073	0.227	406.9	0.0	0.0
DECOM_Ann	Dozer	1	33%	0.03	110.0	230	25,300	2680.5	0.073	0.227	67.8	0.0	0.0
DECOM_Ann	Forklift	1	50%	0.50	13.7	4,140	56,635	2680.5	0.073	0.227	151.8	0.0	0.0
DECOM_Ann	Forklift	1	50%	0.50	13.7	4,140	56,635	2680.5	0.073	0.227	151.8	0.0	0.0
DECOM_Ann	Forklift	1	50%	0.50	13.7	4,140	56,635	2680.5	0.073	0.227	151.8	0.0	0.0
DECOM_Ann	Man lift	2	25%	0.50	6.0	4,140	24,716	2680.5	0.073	0.227	66.3	0.0	0.0
DECOM_Ann	Wheel loader	4	50%	2.00	13.7	16,560	226,541	2680.5	0.073	0.227	607.2	0.0	0.1
DECOM_Ann	Skid steer	3	50%	1.50	12.8	12,420	158,976	2680.5	0.073	0.227	426.1	0.0	0.0
DECOM_Ann	Flat deck truck	1	25%	0.25	37.5	2,070	77,666	2680.5	0.073	0.227	208.2	0.0	0.0
DECOM_Ann	Vacuum truck	2	33%	0.67	51.1	5,520	282,182	2680.5	0.073	0.227	756.4	0.0	0.1
DECOM_Ann	Crane	1	17%	0.17	42.0	1,380	57,960	2680.5	0.073	0.227	155.4	0.0	0.0
DECOM_Ann	DR drill rig	0	0%	0.00	88.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Mud rotary drill rig	0	0%	0.00	76.7	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Grader	1	1%	0.01	42.0	51	2,134	2680.5	0.073	0.227	5.7	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	9	394	2680.5	0.073	0.227	1.1	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	9	372	2680.5	0.073	0.227	1.0	0.0	0.0
DECOM_Ann	Grader	1	1%	0.01	42.0	46	1,948	2680.5	0.073	0.227	5.2	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Grader	1	0%	0.00	42.0	0	0	2680.5	0.073	0.227	0.0	0.0	0.0
DECOM_Ann	Haul truck	1	8%	0.08	50.0	662	33,087	2680.5	0.073	0.227	88.7	0.0	0.0
DECOM_Ann	Haul truck	1	8%	0.08	50.0	662	33,087	2680.5	0.073	0.227	88.7	0.0	0.0



## Stationary Combustion

Scenario	Activity	Fuel Type	Fuel Cons. (L/hr)	Daily Operating hours	Annual Fuel Use (L)	Emission Factors (g/L fuel)			Emissions (tonne/year)		
						CO2	CH4	N2O	CO2	CH4	N2O
CONST_Ann	Propane heating	Propane	-	-	386,211	1515	0.024	0.108	585.1	0.0	0.0
CONST_Ann	Generator C3512	Diesel	356.8	24	3,125,568	2753	0.026	0.031	8604.7	0.1	0.1
CONST_Ann	Generator C3512	Diesel	356.8	24	3,125,568	2753	0.026	0.031	8604.7	0.1	0.1
CONST_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
CONST_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
CONST_Ann	Portable Generators	Diesel	16.1	48	281,722	2753	0.026	0.031	775.6	0.0	0.0
OPS_Ann	Propane heating	Propane	-	-	4,740,276	1515	0.024	0.108	7181.5	0.1	0.5
OPS_Ann	Generator C3512	Diesel	356.8	2	260,464	2753	0.026	0.031	717.1	0.0	0.0
OPS_Ann	Generator C3512	Diesel	356.8	0	0	2753	0.026	0.031	0.0	0.0	0.0
OPS_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
OPS_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
OPS_Ann	Portable Generators	Diesel	16.1	12	70,430	2753	0.026	0.031	193.9	0.0	0.0
DECOM_Ann	Propane heating	Propane	-	-	1,958,278	1515	0.024	0.108	2966.8	0.0	0.2
DECOM_Ann	Generator C3512	Diesel	356.8	24	3,125,568	2753	0.026	0.031	8604.7	0.1	0.1
DECOM_Ann	Generator C3512	Diesel	356.8	24	3,125,568	2753	0.026	0.031	8604.7	0.1	0.1
DECOM_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
DECOM_Ann	Generator C15	Diesel	106.1	0	0	2753	0.026	0.031	0.0	0.0	0.0
DECOM_Ann	Portable Generators	Diesel	16.1	48	281,722	2753	0.026	0.031	775.6	0.0	0.0

## Land Use Change

Scenario	Activity	Emissions (t CO2/yr)
CONST_Ann	Clearing and grubbing	4,130
OPS_Ann	No change	0
DECOM_Ann	No change	0

## Acquired Energy

Scenario	Energy Source	Emission Intensity (t CO2eq/GWh)	Annual Power Requirement (GWh)	Emissions (t CO2 eq/yr)
CONST_Ann	Generators	N/A	N/A	0
OPS_Ann	Provincial Grid	404.3	46.3	18,700
DECOM_Ann	Generators	N/A	N/A	0

**Land Change Calculations**

Parameter	Value	Unit	Reference
Area to be excavated	169.6	ha	[1]
B-After	0	tonnes/ha	[2]
B-Before - Trees	32	t C/ha	[2]
B-Before - Shrubs	1.5	t C/ha	[2]
Percent area of tree coverage	37.8%		[3]
Percent area of shrub coverage	62.2%		[3]
Area of tree coverage	64.1	ha	
Area of shrub coverage	105.5	ha	
carbon fraction (CF)	0.51	t C/t bioma	[4]
deltaC-conversion	1126	t C/yr	
emissions of CO <sub>2</sub> e	4130	t CO <sub>2</sub> e/yr	

*note: since CL and CG are each 0, deltaC-conversion = deltaCB (from Eq. 2-15)*

[1] Civil - earthworks quantities.xlsx

[2] SACC Guide

[3] Denison EIS Ch. 11

[4] Table 4.3 of IPCC 2006, for boreal forest, conifers - median value