Date|||Right Ascension|||Declination||||Distance|Equation of Time||

Y|m|d|h|m|s||°|'|"|||m|s|

2024|Jan|01|18|45|53.524|-1|23|01|08.87|0.983313384|-1|3|18.9

2024|Jan|02|18|50|18.264|-1|22|56|05.00|0.983307744|-1|3|47.1

2024|Jan|03|18|54|42.682|-1|22|50|33.70|0.983307591|-1|4|15.0

2024|Jan|04|18|59|06.748|-1|22|44|35.12|0.983312703|-1|4|42.5

2024|Jan|05|19|03|30.436|-1|22|38|09.40|0.983322843|-1|5|09.6

2024|Jan|06|19|07|53.717|-1|22|31|16.75|0.983337761|-1|5|36.4

2024|Jan|07|19|12|16.563|-1|22|23|57.34|0.983357196|-1|6|02.7

2024|Jan|08|19|16|38.946|-1|22|16|11.40|0.983380883|-1|6|28.5

2024|Jan|09|19|21|00.837|-1|22|07|59.15|0.983408569|-1|6|53.8

2024|Jan|10|19|25|22.204|-1|21|59|20.84|0.983440031|-1|7|18.6

2024|Jan|11|19|29|43.016|-1|21|50|16.74|0.983475100|-1|7|42.8

2024|Jan|12|19|34|03.242|-1|21|40|47.11|0.983513690|-1|8|06.5

2024|Jan|13|19|38|22.851|-1|21|30|52.24|0.983555809|-1|8|29.6

2024|Jan|14|19|42|41.818|-1|21|20|32.41|0.983601570|-1|8|52.0

2024|Jan|15|19|47|00.117|-1|21|09|47.92|0.983651177|-1|9|13.7

2024|Jan|16|19|51|17.728|-1|20|58|39.08|0.983704902|-1|9|34.8

2024|Jan|17|19|55|34.635|-1|20|47|06.21|0.983763053|-1|9|55.1

2024|Jan|18|19|59|50.821|-1|20|35|09.66|0.983825951|-1|10|14.8

2024|Jan|19|20|04|06.273|-1|20|22|49.76|0.983893901|-1|10|33.7

2024|Jan|20|20|08|20.978|-1|20|10|06.87|0.983967180|-1|10|51.8

2024|Jan|21|20|12|34.925|-1|19|57|01.36|0.984046024|-1|11|09.2

2024|Jan|22|20|16|48.104|-1|19|43|33.57|0.984130619|-1|11|25.8

2024|Jan|23|20|21|00.505|-1|19|29|43.87|0.984221104|-1|11|41.6

2024|Jan|24|20|25|12.122|-1|19|15|32.61|0.984317563|-1|11|56.7

2024|Jan|25|20|29|22.946|-1|19|01|00.16|0.984420029|-1|12|11.0

2024|Jan|26|20|33|32.975|-1|18|46|06.87|0.984528486|-1|12|24.4

2024|Jan|27|20|37|42.205|-1|18|30|53.10|0.984642872|-1|12|37.1

2024|Jan|28|20|41|50.633|-1|18|15|19.21|0.984763082|-1|12|49.0

2024|Jan|29|20|45|58.259|-1|17|59|25.57|0.984888974|-1|13|00.1

2024|Jan|30|20|50|05.083|-1|17|43|12.55|0.985020376|-1|13|10.3

2024|Jan|31|20|54|11.106|-1|17|26|40.52|0.985157084|-1|13|19.8

2024|Feb|01|20|58|16.330|-1|17|09|49.85|0.985298870|-1|13|28.5

2024|Feb|02|21|02|20.757|-1|16|52|40.95|0.985445476|-1|13|36.3

2024|Feb|03|21|06|24.390|-1|16|35|14.19|0.985596623|-1|13|43.4

2024|Feb|04|21|10|27.231|-1|16|17|29.97|0.985752006|-1|13|49.7

2024|Feb|05|21|14|29.282|-1|15|59|28.71|0.985911296|-1|13|55.2

2024|Feb|06|21|18|30.544|-1|15|41|10.83|0.986074153|-1|13|59.9

2024|Feb|07|21|22|31.020|-1|15|22|36.74|0.986240236|-1|14|03.8

2024|Feb|08|21|26|30.707|-1|15|03|46.88|0.986409228|-1|14|06.9

2024|Feb|09|21|30|29.607|-1|14|44|41.70|0.986580866|-1|14|09.3

2024|Feb|10|21|34|27.719|-1|14|25|21.63|0.986754973|-1|14|10.8

2024|Feb|11|21|38|25.045|-1|14|05|47.11|0.986931480|-1|14|11.6

2024|Feb|12|21|42|21.591|-1|13|45|58.57|0.987110434|-1|14|11.6

2024|Feb|13|21|46|17.364|-1|13|25|56.46|0.987291984|-1|14|10.8

2024|Feb|14|21|50|12.374|-1|13|05|41.21|0.987476354|-1|14|09.3

2024|Feb|15|21|54|06.631|-1|12|45|13.26|0.987663806|-1|14|07.0

2024|Feb|16|21|58|00.146|-1|12|24|33.04|0.987854612|-1|14|03.9

2024|Feb|17|22|01|52.932|-1|12|03|41.00|0.988049029|-1|14|00.2

2024|Feb|18|22|05|45.001|-1|11|42|37.55|0.988247287|-1|13|55.7

2024|Feb|19|22|09|36.366|-1|11|21|23.12|0.988449578|-1|13|50.5

2024|Feb|20|22|13|27.043|-1|10|59|58.12|0.988656054|-1|13|44.6

2024|Feb|21|22|17|17.048|-1|10|38|22.94|0.988866827|-1|13|38.0

2024|Feb|22|22|21|06.396|-1|10|16|37.99|0.989081967|-1|13|30.8

2024|Feb|23|22|24|55.108|-1|9|54|43.65|0.989301504|-1|13|23.0

2024|Feb|24|22|28|43.200|-1|9|32|40.30|0.989525423|-1|13|14.5

2024|Feb|25|22|32|30.693|-1|9|10|28.33|0.989753673|-1|13|05.5

2024|Feb|26|22|36|17.608|-1|8|48|08.12|0.989986158|-1|12|55.8

2024|Feb|27|22|40|03.964|-1|8|25|40.02|0.990222746|-1|12|45.7

2024|Feb|28|22|43|49.783|-1|8|03|04.43|0.990463268|-1|12|34.9

2024|Feb|29|22|47|35.087|-1|7|40|21.70|0.990707518|-1|12|23.7

2024|Mar|01|22|51|19.895|-1|7|17|32.22|0.990955256|-1|12|11.9

2024|Mar|02|22|55|04.229|-1|6|54|36.36|0.991206205|-1|11|59.7

2024|Mar|03|22|58|48.108|-1|6|31|34.50|0.991460058|-1|11|47.0

2024|Mar|04|23|02|31.551|-1|6|08|27.03|0.991716471|-1|11|33.9

2024|Mar|05|23|06|14.576|-1|5|45|14.34|0.991975071|-1|11|20.4

2024|Mar|06|23|09|57.201|-1|5|21|56.82|0.992235466|-1|11|06.4

2024|Mar|07|23|13|39.440|-1|4|58|34.89|0.992497254|-1|10|52.1

2024|Mar|08|23|17|21.310|-1|4|35|08.95|0.992760057|-1|10|37.4

2024|Mar|09|23|21|02.824|-1|4|11|39.41|0.993023546|-1|10|22.4

2024|Mar|10|23|24|44.000|-1|3|48|06.69|0.993287482|-1|10|07.0

2024|Mar|11|23|28|24.854|-1|3|24|31.19|0.993551737|-1|9|51.3

2024|Mar|12|23|32|05.405|-1|3|00|53.32|0.993816306|-1|9|35.3

2024|Mar|13|23|35|45.669|-1|2|37|13.47|0.994081290|-1|9|19.1

2024|Mar|14|23|39|25.666|-1|2|13|32.06|0.994346865|-1|9|02.5

2024|Mar|15|23|43|05.412|-1|1|49|49.49|0.994613255|-1|8|45.7

2024|Mar|16|23|46|44.927|-1|1|26|06.13|0.994880692|-1|8|28.6

2024|Mar|17|23|50|24.228|-1|1|02|22.39|0.995149402|-1|8|11.4

2024|Mar|18|23|54|03.336|-1|0|38|38.63|0.995419586|-1|7|53.9

2024|Mar|19|23|57|42.271|-1|0|14|55.22|0.995691416|-1|7|36.3

2024|Mar|20|0|01|21.053|+1|0|08|47.49|0.995965033|-1|7|18.5

2024|Mar|21|0|04|59.706|+1|0|32|29.14|0.996240546|-1|7|00.6

2024|Mar|22|0|08|38.252|+1|0|56|09.39|0.996518033|-1|6|42.6

2024|Mar|23|0|12|16.713|+1|1|19|47.91|0.996797537|-1|6|24.5

2024|Mar|24|0|15|55.114|+1|1|43|24.36|0.997079067|-1|6|06.4

2024|Mar|25|0|19|33.478|+1|2|06|58.41|0.997362598|-1|5|48.2

2024|Mar|26|0|23|11.830|+1|2|30|29.73|0.997648063|-1|5|30.0

2024|Mar|27|0|26|50.193|+1|2|53|58.02|0.997935358|-1|5|11.8

2024|Mar|28|0|30|28.591|+1|3|17|22.93|0.998224334|-1|4|53.7

2024|Mar|29|0|34|07.047|+1|3|40|44.15|0.998514801|-1|4|35.6

2024|Mar|30|0|37|45.583|+1|4|04|01.35|0.998806525|-1|4|17.6

2024|Mar|31|0|41|24.220|+1|4|27|14.19|0.999099230|-1|3|59.6

2024|Apr|01|0|45|02.979|+1|4|50|22.34|0.999392598|-1|3|41.8

2024|Apr|02|0|48|41.879|+1|5|13|25.45|0.999686268|-1|3|24.2

2024|Apr|03|0|52|20.937|+1|5|36|23.17|0.999979847|-1|3|06.7

2024|Apr|04|0|56|00.170|+1|5|59|15.14|1.000272917|-1|2|49.4

2024|Apr|05|0|59|39.596|+1|6|22|01.00|1.000565055|-1|2|32.2

2024|Apr|06|1|03|19.230|+1|6|44|40.37|1.000855856|-1|2|15.3

2024|Apr|07|1|06|59.088|+1|7|07|12.88|1.001144973|-1|1|58.6

2024|Apr|08|1|10|39.186|+1|7|29|38.17|1.001432140|-1|1|42.2

2024|Apr|09|1|14|19.539|+1|7|51|55.86|1.001717204|-1|1|26.0

2024|Apr|10|1|18|00.162|+1|8|14|05.60|1.002000127|-1|1|10.0

2024|Apr|11|1|21|41.066|+1|8|36|07.00|1.002280974|-1|0|54.4

2024|Apr|12|1|25|22.264|+1|8|57|59.70|1.002559886|-1|0|39.0

2024|Apr|13|1|29|03.767|+1|9|19|43.34|1.002837054|-1|0|24.0

2024|Apr|14|1|32|45.588|+1|9|41|17.56|1.003112684|-1|0|09.2

2024|Apr|15|1|36|27.740|+1|10|02|42.02|1.003386984|+1|0|05.2

2024|Apr|16|1|40|10.237|+1|10|23|56.36|1.003660146|+1|0|19.2

2024|Apr|17|1|43|53.094|+1|10|45|00.26|1.003932343|+1|0|32.9

2024|Apr|18|1|47|36.327|+1|11|05|53.39|1.004203729|+1|0|46.3

2024|Apr|19|1|51|19.950|+1|11|26|35.43|1.004474432|+1|0|59.2

2024|Apr|20|1|55|03.980|+1|11|47|06.07|1.004744558|+1|1|11.7

2024|Apr|21|1|58|48.432|+1|12|07|24.99|1.005014189|+1|1|23.8

2024|Apr|22|2|02|33.324|+1|12|27|31.89|1.005283380|+1|1|35.4

2024|Apr|23|2|06|18.671|+1|12|47|26.48|1.005552150|+1|1|46.7

2024|Apr|24|2|10|04.487|+1|13|07|08.45|1.005820486|+1|1|57.4

2024|Apr|25|2|13|50.789|+1|13|26|37.50|1.006088328|+1|2|07.6

2024|Apr|26|2|17|37.589|+1|13|45|53.34|1.006355571|+1|2|17.4

2024|Apr|27|2|21|24.901|+1|14|04|55.67|1.006622058|+1|2|26.6

2024|Apr|28|2|25|12.736|+1|14|23|44.18|1.006887580|+1|2|35.4

2024|Apr|29|2|29|01.105|+1|14|42|18.56|1.007151872|+1|2|43.6

2024|Apr|30|2|32|50.016|+1|15|00|38.50|1.007414622|+1|2|51.2

2024|May|01|2|36|39.478|+1|15|18|43.68|1.007675471|+1|2|58.3

2024|May|02|2|40|29.498|+1|15|36|33.76|1.007934024|+1|3|04.9

2024|May|03|2|44|20.081|+1|15|54|08.41|1.008189867|+1|3|10.8

2024|May|04|2|48|11.235|+1|16|11|27.30|1.008442583|+1|3|16.2

2024|May|05|2|52|02.964|+1|16|28|30.11|1.008691783|+1|3|21.0

2024|May|06|2|55|55.270|+1|16|45|16.50|1.008937131|+1|3|25.3

2024|May|07|2|59|48.155|+1|17|01|46.15|1.009178377|+1|3|28.9

2024|May|08|3|03|41.618|+1|17|17|58.75|1.009415367|+1|3|32.0

2024|May|09|3|07|35.656|+1|17|33|53.97|1.009648053|+1|3|34.6

2024|May|10|3|11|30.262|+1|17|49|31.50|1.009876479|+1|3|36.5

2024|May|11|3|15|25.432|+1|18|04|51.02|1.010100763|+1|3|37.9

2024|May|12|3|19|21.160|+1|18|19|52.22|1.010321068|+1|3|38.8

2024|May|13|3|23|17.442|+1|18|34|34.80|1.010537584|+1|3|39.0

2024|May|14|3|27|14.273|+1|18|48|58.48|1.010750512|+1|3|38.8

2024|May|15|3|31|11.651|+1|19|03|02.96|1.010960047|+1|3|37.9

2024|May|16|3|35|09.571|+1|19|16|47.99|1.011166377|+1|3|36.6

2024|May|17|3|39|08.031|+1|19|30|13.29|1.011369680|+1|3|34.7

2024|May|18|3|43|07.028|+1|19|43|18.62|1.011570122|+1|3|32.2

2024|May|19|3|47|06.558|+1|19|56|03.73|1.011767856|+1|3|29.2

2024|May|20|3|51|06.617|+1|20|08|28.37|1.011963016|+1|3|25.7

2024|May|21|3|55|07.203|+1|20|20|32.33|1.012155718|+1|3|21.7

2024|May|22|3|59|08.309|+1|20|32|15.39|1.012346051|+1|3|17.1

2024|May|23|4|03|09.930|+1|20|43|37.32|1.012534068|+1|3|12.1

2024|May|24|4|07|12.061|+1|20|54|37.91|1.012719773|+1|3|06.5

2024|May|25|4|11|14.692|+1|21|05|16.97|1.012903121|+1|3|00.5

2024|May|26|4|15|17.817|+1|21|15|34.27|1.013084001|+1|2|53.9

2024|May|27|4|19|21.424|+1|21|25|29.61|1.013262236|+1|2|46.8

2024|May|28|4|23|25.504|+1|21|35|02.77|1.013437588|+1|2|39.3

2024|May|29|4|27|30.043|+1|21|44|13.56|1.013609756|+1|2|31.4

2024|May|30|4|31|35.030|+1|21|53|01.74|1.013778395|+1|2|22.9

2024|May|31|4|35|40.452|+1|22|01|27.12|1.013943124|+1|2|14.0

2024|Jun|01|4|39|46.295|+1|22|09|29.49|1.014103551|+1|2|04.8

2024|Jun|02|4|43|52.544|+1|22|17|08.68|1.014259290|+1|1|55.1

2024|Jun|03|4|47|59.180|+1|22|24|24.50|1.014409992|+1|1|45.0

2024|Jun|04|4|52|06.184|+1|22|31|16.79|1.014555361|+1|1|34.5

2024|Jun|05|4|56|13.533|+1|22|37|45.40|1.014695180|+1|1|23.7

2024|Jun|06|5|00|21.201|+1|22|43|50.18|1.014829316|+1|1|12.6

2024|Jun|07|5|04|29.162|+1|22|49|31.00|1.014957725|+1|1|01.2

2024|Jun|08|5|08|37.390|+1|22|54|47.71|1.015080443|+1|0|49.6

2024|Jun|09|5|12|45.856|+1|22|59|40.21|1.015197571|+1|0|37.7

2024|Jun|10|5|16|54.536|+1|23|04|08.37|1.015309256|+1|0|25.6

2024|Jun|11|5|21|03.404|+1|23|08|12.10|1.015415677|+1|0|13.3

2024|Jun|12|5|25|12.438|+1|23|11|51.31|1.015517031|+1|0|00.8

2024|Jun|13|5|29|21.614|+1|23|15|05.92|1.015613524|-1|0|11.8

2024|Jun|14|5|33|30.909|+1|23|17|55.87|1.015705364|-1|0|24.6

2024|Jun|15|5|37|40.302|+1|23|20|21.12|1.015792760|-1|0|37.4

2024|Jun|16|5|41|49.771|+1|23|22|21.63|1.015875921|-1|0|50.3

2024|Jun|17|5|45|59.296|+1|23|23|57.37|1.015955053|-1|1|03.3

2024|Jun|18|5|50|08.854|+1|23|25|08.34|1.016030355|-1|1|16.3

2024|Jun|19|5|54|18.426|+1|23|25|54.53|1.016102015|-1|1|29.3

2024|Jun|20|5|58|27.990|+1|23|26|15.96|1.016170199|-1|1|42.3

2024|Jun|21|6|02|37.527|+1|23|26|12.63|1.016235040|-1|1|55.3

2024|Jun|22|6|06|47.014|+1|23|25|44.58|1.016296621|-1|2|08.2

2024|Jun|23|6|10|56.432|+1|23|24|51.83|1.016354961|-1|2|21.1

2024|Jun|24|6|15|05.760|+1|23|23|34.40|1.016410006|-1|2|33.8

2024|Jun|25|6|19|14.976|+1|23|21|52.31|1.016461618|-1|2|46.5

2024|Jun|26|6|23|24.063|+1|23|19|45.60|1.016509585|-1|2|59.0

2024|Jun|27|6|27|33.001|+1|23|17|14.30|1.016553627|-1|3|11.4

2024|Jun|28|6|31|41.771|+1|23|14|18.46|1.016593415|-1|3|23.6

2024|Jun|29|6|35|50.353|+1|23|10|58.13|1.016628595|-1|3|35.7

2024|Jun|30|6|39|58.729|+1|23|07|13.39|1.016658810|-1|3|47.5

2024|Jul|01|6|44|06.876|+1|23|03|04.33|1.016683721|-1|3|59.1

2024|Jul|02|6|48|14.770|+1|22|58|31.07|1.016703029|-1|4|10.4

2024|Jul|03|6|52|22.387|+1|22|53|33.71|1.016716490|-1|4|21.5

2024|Jul|04|6|56|29.700|+1|22|48|12.41|1.016723926|-1|4|32.2

2024|Jul|05|7|00|36.682|+1|22|42|27.28|1.016725234|-1|4|42.6

2024|Jul|06|7|04|43.309|+1|22|36|18.49|1.016720382|-1|4|52.7

2024|Jul|07|7|08|49.556|+1|22|29|46.18|1.016709403|-1|5|02.4

2024|Jul|08|7|12|55.399|+1|22|22|50.51|1.016692389|-1|5|11.7

2024|Jul|09|7|17|00.818|+1|22|15|31.65|1.016669478|-1|5|20.5

2024|Jul|10|7|21|05.793|+1|22|07|49.79|1.016640841|-1|5|28.9

2024|Jul|11|7|25|10.307|+1|21|59|45.11|1.016606674|-1|5|36.9

2024|Jul|12|7|29|14.344|+1|21|51|17.80|1.016567194|-1|5|44.4

2024|Jul|13|7|33|17.889|+1|21|42|28.07|1.016522627|-1|5|51.4

2024|Jul|14|7|37|20.928|+1|21|33|16.14|1.016473216|-1|5|57.9

2024|Jul|15|7|41|23.450|+1|21|23|42.23|1.016419211|-1|6|03.8

2024|Jul|16|7|45|25.442|+1|21|13|46.56|1.016360871|-1|6|09.3

2024|Jul|17|7|49|26.895|+1|21|03|29.36|1.016298461|-1|6|14.2

2024|Jul|18|7|53|27.800|+1|20|52|50.89|1.016232242|-1|6|18.5

2024|Jul|19|7|57|28.148|+1|20|41|51.37|1.016162462|-1|6|22.3

2024|Jul|20|8|01|27.931|+1|20|30|31.05|1.016089339|-1|6|25.5

2024|Jul|21|8|05|27.143|+1|20|18|50.18|1.016013038|-1|6|28.2

2024|Jul|22|8|09|25.780|+1|20|06|48.97|1.015933649|-1|6|30.2

2024|Jul|23|8|13|23.837|+1|19|54|27.66|1.015851173|-1|6|31.7

2024|Jul|24|8|17|21.314|+1|19|41|46.47|1.015765515|-1|6|32.7

2024|Jul|25|8|21|18.212|+1|19|28|45.61|1.015676489|-1|6|33.0

2024|Jul|26|8|25|14.530|+1|19|15|25.33|1.015583837|-1|6|32.8

2024|Jul|27|8|29|10.269|+1|19|01|45.87|1.015487257|-1|6|32.0

2024|Jul|28|8|33|05.429|+1|18|47|47.49|1.015386428|-1|6|30.6

2024|Jul|29|8|37|00.007|+1|18|33|30.46|1.015281034|-1|6|28.6

2024|Jul|30|8|40|54.001|+1|18|18|55.07|1.015170787|-1|6|26.0

2024|Jul|31|8|44|47.405|+1|18|04|01.61|1.015055440|-1|6|22.9

2024|Aug|01|8|48|40.215|+1|17|48|50.40|1.014934799|-1|6|19.1

2024|Aug|02|8|52|32.426|+1|17|33|21.73|1.014808724|-1|6|14.8

2024|Aug|03|8|56|24.036|+1|17|17|35.90|1.014677137|-1|6|09.8

2024|Aug|04|9|00|15.041|+1|17|01|33.24|1.014540018|-1|6|04.2

2024|Aug|05|9|04|05.441|+1|16|45|14.05|1.014397403|-1|5|58.1

2024|Aug|06|9|07|55.236|+1|16|28|38.64|1.014249378|-1|5|51.3

2024|Aug|07|9|11|44.428|+1|16|11|47.32|1.014096071|-1|5|44.0

2024|Aug|08|9|15|33.020|+1|15|54|40.42|1.013937647|-1|5|36.0

2024|Aug|09|9|19|21.018|+1|15|37|18.25|1.013774303|-1|5|27.5

2024|Aug|10|9|23|08.426|+1|15|19|41.14|1.013606261|-1|5|18.3

2024|Aug|11|9|26|55.253|+1|15|01|49.39|1.013433765|-1|5|08.6

2024|Aug|12|9|30|41.504|+1|14|43|43.34|1.013257083|-1|4|58.3

2024|Aug|13|9|34|27.188|+1|14|25|23.32|1.013076502|-1|4|47.4

2024|Aug|14|9|38|12.315|+1|14|06|49.64|1.012892326|-1|4|36.0

2024|Aug|15|9|41|56.893|+1|13|48|02.63|1.012704879|-1|4|24.0

2024|Aug|16|9|45|40.933|+1|13|29|02.61|1.012514491|-1|4|11.5

2024|Aug|17|9|49|24.447|+1|13|09|49.89|1.012321486|-1|3|58.4

2024|Aug|18|9|53|07.445|+1|12|50|24.79|1.012126160|-1|3|44.9

2024|Aug|19|9|56|49.944|+1|12|30|47.60|1.011928754|-1|3|30.8

2024|Aug|20|10|00|31.958|+1|12|10|58.60|1.011729430|-1|3|16.3

2024|Aug|21|10|04|13.505|+1|11|50|58.05|1.011528240|-1|3|01.3

2024|Aug|22|10|07|54.607|+1|11|30|46.23|1.011325129|-1|2|45.8

2024|Aug|23|10|11|35.282|+1|11|10|23.40|1.011119941|-1|2|30.0

2024|Aug|24|10|15|15.550|+1|10|49|49.85|1.010912446|-1|2|13.7

2024|Aug|25|10|18|55.428|+1|10|29|05.88|1.010702369|-1|1|57.0

2024|Aug|26|10|22|34.931|+1|10|08|11.81|1.010489426|-1|1|39.9

2024|Aug|27|10|26|14.072|+1|9|47|07.95|1.010273345|-1|1|22.5

2024|Aug|28|10|29|52.864|+1|9|25|54.65|1.010053883|-1|1|04.8

2024|Aug|29|10|33|31.319|+1|9|04|32.23|1.009830837|-1|0|46.6

2024|Aug|30|10|37|09.450|+1|8|43|01.04|1.009604051|-1|0|28.2

2024|Aug|31|10|40|47.269|+1|8|21|21.41|1.009373412|-1|0|09.5

2024|Sep|01|10|44|24.791|+1|7|59|33.69|1.009138861|+1|0|09.5

2024|Sep|02|10|48|02.028|+1|7|37|38.22|1.008900381|+1|0|28.9

2024|Sep|03|10|51|38.997|+1|7|15|35.34|1.008658006|+1|0|48.4

2024|Sep|04|10|55|15.712|+1|6|53|25.38|1.008411811|+1|1|08.3

2024|Sep|05|10|58|52.190|+1|6|31|08.70|1.008161914|+1|1|28.3

2024|Sep|06|11|02|28.447|+1|6|08|45.64|1.007908471|+1|1|48.6

2024|Sep|07|11|06|04.500|+1|5|46|16.52|1.007651670|+1|2|09.1

2024|Sep|08|11|09|40.366|+1|5|23|41.71|1.007391735|+1|2|29.8

2024|Sep|09|11|13|16.063|+1|5|01|01.55|1.007128919|+1|2|50.7

2024|Sep|10|11|16|51.609|+1|4|38|16.36|1.006863504|+1|3|11.7

2024|Sep|11|11|20|27.020|+1|4|15|26.51|1.006595803|+1|3|32.8

2024|Sep|12|11|24|02.316|+1|3|52|32.33|1.006326157|+1|3|54.1

2024|Sep|13|11|27|37.513|+1|3|29|34.17|1.006054930|+1|4|15.5

2024|Sep|14|11|31|12.632|+1|3|06|32.34|1.005782507|+1|4|36.9

2024|Sep|15|11|34|47.691|+1|2|43|27.20|1.005509270|+1|4|58.4

2024|Sep|16|11|38|22.713|+1|2|20|19.03|1.005235579|+1|5|19.9

2024|Sep|17|11|41|57.721|+1|1|57|08.16|1.004961737|+1|5|41.5

2024|Sep|18|11|45|32.742|+1|1|33|54.85|1.004687959|+1|6|03.0

2024|Sep|19|11|49|07.803|+1|1|10|39.39|1.004414346|+1|6|24.5

2024|Sep|20|11|52|42.932|+1|0|47|22.06|1.004140880|+1|6|45.9

2024|Sep|21|11|56|18.155|+1|0|24|03.15|1.003867436|+1|7|07.2

2024|Sep|22|11|59|53.495|+1|0|00|42.96|1.003593814|+1|7|28.4

2024|Sep|23|12|03|28.973|-1|0|22|38.17|1.003319774|+1|7|49.5

2024|Sep|24|12|07|04.610|-1|0|45|59.90|1.003045064|+1|8|10.5

2024|Sep|25|12|10|40.424|-1|1|09|21.88|1.002769447|+1|8|31.2

2024|Sep|26|12|14|16.434|-1|1|32|43.76|1.002492715|+1|8|51.7

2024|Sep|27|12|17|52.658|-1|1|56|05.17|1.002214692|+1|9|12.1

2024|Sep|28|12|21|29.115|-1|2|19|25.76|1.001935239|+1|9|32.2

2024|Sep|29|12|25|05.822|-1|2|42|45.14|1.001654257|+1|9|52.0

2024|Sep|30|12|28|42.800|-1|3|06|02.96|1.001371685|+1|10|11.6

2024|Oct|01|12|32|20.065|-1|3|29|18.85|1.001087497|+1|10|30.9

2024|Oct|02|12|35|57.638|-1|3|52|32.42|1.000801711|+1|10|49.8

2024|Oct|03|12|39|35.536|-1|4|15|43.32|1.000514379|+1|11|08.5

2024|Oct|04|12|43|13.778|-1|4|38|51.15|1.000225596|+1|11|26.8

2024|Oct|05|12|46|52.382|-1|5|01|55.54|0.999935495|+1|11|44.7

2024|Oct|06|12|50|31.366|-1|5|24|56.12|0.999644246|+1|12|02.3

2024|Oct|07|12|54|10.746|-1|5|47|52.50|0.999352060|+1|12|19.5

2024|Oct|08|12|57|50.539|-1|6|10|44.30|0.999059184|+1|12|36.3

2024|Oct|09|13|01|30.763|-1|6|33|31.12|0.998765902|+1|12|52.6

2024|Oct|10|13|05|11.432|-1|6|56|12.59|0.998472537|+1|13|08.5

2024|Oct|11|13|08|52.565|-1|7|18|48.33|0.998179444|+1|13|23.9

2024|Oct|12|13|12|34.177|-1|7|41|17.94|0.997887014|+1|13|38.9

2024|Oct|13|13|16|16.285|-1|8|03|41.05|0.997595657|+1|13|53.3

2024|Oct|14|13|19|58.911|-1|8|25|57.29|0.997305787|+1|14|07.2

2024|Oct|15|13|23|42.074|-1|8|48|06.31|0.997017799|+1|14|20.6

2024|Oct|16|13|27|25.799|-1|9|10|07.76|0.996732031|+1|14|33.4

2024|Oct|17|13|31|10.110|-1|9|32|01.32|0.996448728|+1|14|45.7

2024|Oct|18|13|34|55.031|-1|9|53|46.65|0.996168025|+1|14|57.3

2024|Oct|19|13|38|40.584|-1|10|15|23.42|0.995889934|+1|15|08.3

2024|Oct|20|13|42|26.790|-1|10|36|51.28|0.995614363|+1|15|18.7

2024|Oct|21|13|46|13.666|-1|10|58|09.84|0.995341144|+1|15|28.4

2024|Oct|22|13|50|01.228|-1|11|19|18.73|0.995070064|+1|15|37.4

2024|Oct|23|13|53|49.491|-1|11|40|17.55|0.994800901|+1|15|45.7

2024|Oct|24|13|57|38.469|-1|12|01|05.88|0.994533439|+1|15|53.2

2024|Oct|25|14|01|28.175|-1|12|21|43.32|0.994267481|+1|16|00.1

2024|Oct|26|14|05|18.623|-1|12|42|09.46|0.994002860|+1|16|06.2

2024|Oct|27|14|09|09.825|-1|13|02|23.87|0.993739432|+1|16|11.5

2024|Oct|28|14|13|01.792|-1|13|22|26.14|0.993477085|+1|16|16.1

2024|Oct|29|14|16|54.535|-1|13|42|15.86|0.993215733|+1|16|19.9

2024|Oct|30|14|20|48.065|-1|14|01|52.60|0.992955321|+1|16|22.9

2024|Oct|31|14|24|42.390|-1|14|21|15.94|0.992695826|+1|16|25.2

2024|Nov|01|14|28|37.518|-1|14|40|25.46|0.992437257|+1|16|26.6

2024|Nov|02|14|32|33.454|-1|14|59|20.74|0.992179662|+1|16|27.2

2024|Nov|03|14|36|30.206|-1|15|18|01.37|0.991923131|+1|16|27.0

2024|Nov|04|14|40|27.775|-1|15|36|26.91|0.991667794|+1|16|26.0

2024|Nov|05|14|44|26.165|-1|15|54|36.95|0.991413830|+1|16|24.2

2024|Nov|06|14|48|25.377|-1|16|12|31.06|0.991161458|+1|16|21.5

2024|Nov|07|14|52|25.412|-1|16|30|08.83|0.990910949|+1|16|18.1

2024|Nov|08|14|56|26.269|-1|16|47|29.83|0.990662612|+1|16|13.8

2024|Nov|09|15|00|27.951|-1|17|04|33.66|0.990416800|+1|16|08.6

2024|Nov|10|15|04|30.456|-1|17|21|19.90|0.990173901|+1|16|02.7

2024|Nov|11|15|08|33.788|-1|17|37|48.16|0.989934324|+1|15|55.9

2024|Nov|12|15|12|37.948|-1|17|53|58.06|0.989698481|+1|15|48.3

2024|Nov|13|15|16|42.942|-1|18|09|49.24|0.989466762|+1|15|39.8

2024|Nov|14|15|20|48.774|-1|18|25|21.33|0.989239504|+1|15|30.6

2024|Nov|15|15|24|55.448|-1|18|40|33.99|0.989016956|+1|15|20.5

2024|Nov|16|15|29|02.965|-1|18|55|26.89|0.988799261|+1|15|09.5

2024|Nov|17|15|33|11.324|-1|19|09|59.67|0.988586451|+1|14|57.7

2024|Nov|18|15|37|20.522|-1|19|24|11.98|0.988378460|+1|14|45.1

2024|Nov|19|15|41|30.554|-1|19|38|03.43|0.988175143|+1|14|31.6

2024|Nov|20|15|45|41.414|-1|19|51|33.67|0.987976314|+1|14|17.3

2024|Nov|21|15|49|53.094|-1|20|04|42.31|0.987781763|+1|14|02.2

2024|Nov|22|15|54|05.585|-1|20|17|28.98|0.987591279|+1|13|46.3

2024|Nov|23|15|58|18.876|-1|20|29|53.32|0.987404661|+1|13|29.5

2024|Nov|24|16|02|32.956|-1|20|41|54.97|0.987221722|+1|13|12.0

2024|Nov|25|16|06|47.812|-1|20|53|33.57|0.987042294|+1|12|53.7

2024|Nov|26|16|11|03.428|-1|21|04|48.79|0.986866222|+1|12|34.6

2024|Nov|27|16|15|19.789|-1|21|15|40.27|0.986693375|+1|12|14.8

2024|Nov|28|16|19|36.875|-1|21|26|07.71|0.986523639|+1|11|54.3

2024|Nov|29|16|23|54.666|-1|21|36|10.77|0.986356923|+1|11|33.0

2024|Nov|30|16|28|13.141|-1|21|45|49.16|0.986193168|+1|11|11.1

2024|Dec|01|16|32|32.275|-1|21|55|02.58|0.986032346|+1|10|48.6

2024|Dec|02|16|36|52.041|-1|22|03|50.73|0.985874476|+1|10|25.4

2024|Dec|03|16|41|12.412|-1|22|12|13.35|0.985719623|+1|10|01.6

2024|Dec|04|16|45|33.358|-1|22|20|10.16|0.985567906|+1|9|37.2

2024|Dec|05|16|49|54.850|-1|22|27|40.91|0.985419502|+1|9|12.2

2024|Dec|06|16|54|16.856|-1|22|34|45.35|0.985274642|+1|8|46.8

2024|Dec|07|16|58|39.346|-1|22|41|23.24|0.985133608|+1|8|20.9

2024|Dec|08|17|03|02.292|-1|22|47|34.38|0.984996729|+1|7|54.5

2024|Dec|09|17|07|25.665|-1|22|53|18.57|0.984864367|+1|7|27.6

2024|Dec|10|17|11|49.437|-1|22|58|35.63|0.984736902|+1|7|00.4

2024|Dec|11|17|16|13.584|-1|23|03|25.40|0.984614714|+1|6|32.8

2024|Dec|12|17|20|38.078|-1|23|07|47.75|0.984498155|+1|6|04.9

2024|Dec|13|17|25|02.893|-1|23|11|42.56|0.984387525|+1|5|36.6

2024|Dec|14|17|29|28.002|-1|23|15|09.74|0.984283045|+1|5|08.1

2024|Dec|15|17|33|53.377|-1|23|18|09.17|0.984184847|+1|4|39.3

2024|Dec|16|17|38|18.987|-1|23|20|40.76|0.984092964|+1|4|10.3

2024|Dec|17|17|42|44.802|-1|23|22|44.41|0.984007339|+1|3|41.0

2024|Dec|18|17|47|10.792|-1|23|24|20.04|0.983927847|+1|3|11.6

2024|Dec|19|17|51|36.926|-1|23|25|27.57|0.983854314|+1|2|42.0

2024|Dec|20|17|56|03.173|-1|23|26|06.93|0.983786534|+1|2|12.3

2024|Dec|21|18|00|29.502|-1|23|26|18.07|0.983724291|+1|1|42.5

2024|Dec|22|18|04|55.880|-1|23|26|00.96|0.983667363|+1|1|12.7

2024|Dec|23|18|09|22.275|-1|23|25|15.58|0.983615533|+1|0|42.9

2024|Dec|24|18|13|48.654|-1|23|24|01.93|0.983568586|+1|0|13.0

2024|Dec|25|18|18|14.983|-1|23|22|20.05|0.983526315|-1|0|16.7

2024|Dec|26|18|22|41.227|-1|23|20|09.95|0.983488521|-1|0|46.4

2024|Dec|27|18|27|07.350|-1|23|17|31.70|0.983455012|-1|1|16.0

2024|Dec|28|18|31|33.318|-1|23|14|25.37|0.983425614|-1|1|45.4

2024|Dec|29|18|35|59.093|-1|23|10|51.05|0.983400171|-1|2|14.6

2024|Dec|30|18|40|24.637|-1|23|06|48.85|0.983378562|-1|2|43.6

2024|Dec|31|18|44|49.913|-1|23|02|18.88|0.983360708|-1|3|12.3

2025|Jan|01|18|49|14.882|-1|22|57|21.30|0.983346588|-1|3|40.7

2025|Jan|02|18|53|39.507|-1|22|51|56.23|0.983336246|-1|4|08.8

2025|Jan|03|18|58|03.753|-1|22|46|03.85|0.983329794|-1|4|36.4

2025|Jan|04|19|02|27.585|-1|22|39|44.34|0.983327415|-1|5|03.7

2025|Jan|05|19|06|50.973|-1|22|32|57.88|0.983329356|-1|5|30.6

2025|Jan|06|19|11|13.887|-1|22|25|44.68|0.983335907|-1|5|56.9

2025|Jan|07|19|15|36.302|-1|22|18|04.97|0.983347395|-1|6|22.8

2025|Jan|08|19|19|58.194|-1|22|09|58.99|0.983364154|-1|6|48.1

2025|Jan|09|19|24|19.539|-1|22|01|27.00|0.983386513|-1|7|12.9

2025|Jan|10|19|28|40.316|-1|21|52|29.26|0.983414765|-1|7|37.1

2025|Jan|11|19|33|00.504|-1|21|43|06.04|0.983449158|-1|8|00.7

2025|Jan|12|19|37|20.082|-1|21|33|17.63|0.983489867|-1|8|23.7

2025|Jan|13|19|41|39.031|-1|21|23|04.29|0.983536995|-1|8|46.1

2025|Jan|14|19|45|57.335|-1|21|12|26.30|0.983590561|-1|9|07.9

2025|Jan|15|19|50|14.978|-1|21|01|23.94|0.983650513|-1|9|29.0

2025|Jan|16|19|54|31.945|-1|20|49|57.50|0.983716732|-1|9|49.4

2025|Jan|17|19|58|48.223|-1|20|38|07.26|0.983789053|-1|10|09.1

2025|Jan|18|20|03|03.800|-1|20|25|53.52|0.983867272|-1|10|28.1

2025|Jan|19|20|07|18.664|-1|20|13|16.60|0.983951164|-1|10|46.4

2025|Jan|20|20|11|32.805|-1|20|00|16.82|0.984040489|-1|11|04.0

2025|Jan|21|20|15|46.212|-1|19|46|54.51|0.984134996|-1|11|20.9

2025|Jan|22|20|19|58.876|-1|19|33|10.02|0.984234429|-1|11|37.0

2025|Jan|23|20|24|10.785|-1|19|19|03.71|0.984338525|-1|11|52.3

2025|Jan|24|20|28|21.930|-1|19|04|35.94|0.984447017|-1|12|06.9

2025|Jan|25|20|32|32.303|-1|18|49|47.09|0.984559638|-1|12|20.7

2025|Jan|26|20|36|41.892|-1|18|34|37.55|0.984676122|-1|12|33.8

2025|Jan|27|20|40|50.690|-1|18|19|07.70|0.984796218|-1|12|46.0

2025|Jan|28|20|44|58.685|-1|18|03|17.96|0.984919701|-1|12|57.4

2025|Jan|29|20|49|05.869|-1|17|47|08.73|0.985046389|-1|13|08.0

2025|Jan|30|20|53|12.233|-1|17|30|40.44|0.985176166|-1|13|17.9

2025|Jan|31|20|57|17.771|-1|17|13|53.49|0.985308994|-1|13|26.8

2025|Feb|01|21|01|22.478|-1|16|56|48.30|0.985444923|-1|13|35.0

2025|Feb|02|21|05|26.353|-1|16|39|25.30|0.985584088|-1|13|42.3

2025|Feb|03|21|09|29.396|-1|16|21|44.91|0.985726697|-1|13|48.8

2025|Feb|04|21|13|31.609|-1|16|03|47.57|0.985873011|-1|13|54.5

2025|Feb|05|21|17|32.997|-1|15|45|33.69|0.986023317|-1|13|59.3

2025|Feb|06|21|21|33.564|-1|15|27|03.72|0.986177908|-1|14|03.3

2025|Feb|07|21|25|33.316|-1|15|08|18.09|0.986337059|-1|14|06.5

2025|Feb|08|21|29|32.260|-1|14|49|17.21|0.986501010|-1|14|08.9

2025|Feb|09|21|33|30.403|-1|14|30|01.50|0.986669954|-1|14|10.5

2025|Feb|10|21|37|27.756|-1|14|10|31.37|0.986844028|-1|14|11.3

2025|Feb|11|21|41|24.328|-1|13|50|47.22|0.987023303|-1|14|11.3

2025|Feb|12|21|45|20.133|-1|13|30|49.42|0.987207788|-1|14|10.5

2025|Feb|13|21|49|15.184|-1|13|10|38.38|0.987397430|-1|14|09.0

2025|Feb|14|21|53|09.497|-1|12|50|14.46|0.987592123|-1|14|06.8

2025|Feb|15|21|57|03.087|-1|12|29|38.07|0.987791711|-1|14|03.8

2025|Feb|16|22|00|55.969|-1|12|08|49.58|0.987996002|-1|14|00.2

2025|Feb|17|22|04|48.160|-1|11|47|49.38|0.988204772|-1|13|55.8

2025|Feb|18|22|08|39.676|-1|11|26|37.88|0.988417774|-1|13|50.8

2025|Feb|19|22|12|30.531|-1|11|05|15.46|0.988634742|-1|13|45.1

2025|Feb|20|22|16|20.741|-1|10|43|42.53|0.988855392|-1|13|38.7

2025|Feb|21|22|20|10.322|-1|10|21|59.49|0.989079423|-1|13|31.7

2025|Feb|22|22|23|59.288|-1|10|00|06.75|0.989306521|-1|13|24.1

2025|Feb|23|22|27|47.653|-1|9|38|04.73|0.989536358|-1|13|16.0

2025|Feb|24|22|31|35.431|-1|9|15|53.84|0.989768598|-1|13|07.2

2025|Feb|25|22|35|22.635|-1|8|53|34.51|0.990002908|-1|12|57.8

2025|Feb|26|22|39|09.277|-1|8|31|07.16|0.990238974|-1|12|47.9

2025|Feb|27|22|42|55.370|-1|8|08|32.23|0.990476529|-1|12|37.4

2025|Feb|28|22|46|40.927|-1|7|45|50.13|0.990715371|-1|12|26.4

2025|Mar|01|22|50|25.964|-1|7|23|01.29|0.990955393|-1|12|14.9

2025|Mar|02|22|54|10.495|-1|7|00|06.13|0.991196593|-1|12|02.9

2025|Mar|03|22|57|54.538|-1|6|37|05.08|0.991439070|-1|11|50.4

2025|Mar|04|23|01|38.110|-1|6|13|58.56|0.991683005|-1|11|37.4

2025|Mar|05|23|05|21.228|-1|5|50|46.97|0.991928637|-1|11|24.0

2025|Mar|06|23|09|03.908|-1|5|27|30.73|0.992176227|-1|11|10.1

2025|Mar|07|23|12|46.169|-1|5|04|10.25|0.992426038|-1|10|55.8

2025|Mar|08|23|16|28.029|-1|4|40|45.92|0.992678308|-1|10|41.1

2025|Mar|09|23|20|09.507|-1|4|17|18.11|0.992933241|-1|10|26.0

2025|Mar|10|23|23|50.626|-1|3|53|47.20|0.993190998|-1|10|10.6

2025|Mar|11|23|27|31.406|-1|3|30|13.56|0.993451690|-1|9|54.8

2025|Mar|12|23|31|11.872|-1|3|06|37.52|0.993715379|-1|9|38.7

2025|Mar|13|23|34|52.046|-1|2|42|59.43|0.993982075|-1|9|22.4

2025|Mar|14|23|38|31.954|-1|2|19|19.65|0.994251740|-1|9|05.7

2025|Mar|15|23|42|11.619|-1|1|55|38.50|0.994524286|-1|8|48.8

2025|Mar|16|23|45|51.066|-1|1|31|56.33|0.994799585|-1|8|31.7

2025|Mar|17|23|49|30.320|-1|1|08|13.48|0.995077469|-1|8|14.4

2025|Mar|18|23|53|09.403|-1|0|44|30.28|0.995357735|-1|7|57.0

2025|Mar|19|23|56|48.339|-1|0|20|47.09|0.995640150|-1|7|39.4

2025|Mar|20|0|00|27.150|+1|0|02|55.74|0.995924454|-1|7|21.6

2025|Mar|21|0|04|05.857|+1|0|26|37.87|0.996210361|-1|7|03.8

2025|Mar|22|0|07|44.482|+1|0|50|18.94|0.996497559|-1|6|45.8

2025|Mar|23|0|11|23.043|+1|1|13|58.58|0.996785712|-1|6|27.8

2025|Mar|24|0|15|01.561|+1|1|37|36.43|0.997074461|-1|6|09.8

2025|Mar|25|0|18|40.054|+1|2|01|12.12|0.997363428|-1|5|51.7

2025|Mar|26|0|22|18.539|+1|2|24|45.27|0.997652232|-1|5|33.7

2025|Mar|27|0|25|57.035|+1|2|48|15.50|0.997940503|-1|5|15.6

2025|Mar|28|0|29|35.558|+1|3|11|42.43|0.998227914|-1|4|57.6

2025|Mar|29|0|33|14.127|+1|3|35|05.69|0.998514211|-1|4|39.6

2025|Mar|30|0|36|52.758|+1|3|58|24.88|0.998799242|-1|4|21.7

2025|Mar|31|0|40|31.469|+1|4|21|39.64|0.999082974|-1|4|03.8

2025|Apr|01|0|44|10.275|+1|4|44|49.58|0.999365484|-1|3|46.1

2025|Apr|02|0|47|49.191|+1|5|07|54.33|0.999646942|-1|3|28.5

2025|Apr|03|0|51|28.231|+1|5|30|53.51|0.999927573|-1|3|10.9

2025|Apr|04|0|55|07.411|+1|5|53|46.75|1.000207628|-1|2|53.5

2025|Apr|05|0|58|46.747|+1|6|16|33.70|1.000487354|-1|2|36.3

2025|Apr|06|1|02|26.256|+1|6|39|14.02|1.000766976|-1|2|19.3

2025|Apr|07|1|06|05.956|+1|7|01|47.35|1.001046687|-1|2|02.4

2025|Apr|08|1|09|45.868|+1|7|24|13.39|1.001326642|-1|1|45.8

2025|Apr|09|1|13|26.012|+1|7|46|31.80|1.001606956|-1|1|29.4

2025|Apr|10|1|17|06.408|+1|8|08|42.27|1.001887703|-1|1|13.2

2025|Apr|11|1|20|47.077|+1|8|30|44.50|1.002168919|-1|0|57.3

2025|Apr|12|1|24|28.040|+1|8|52|38.16|1.002450596|-1|0|41.8

2025|Apr|13|1|28|09.316|+1|9|14|22.96|1.002732688|-1|0|26.5

2025|Apr|14|1|31|50.926|+1|9|35|58.58|1.003015109|-1|0|11.5

2025|Apr|15|1|35|32.888|+1|9|57|24.71|1.003297733|+1|0|03.0

2025|Apr|16|1|39|15.220|+1|10|18|41.04|1.003580400|+1|0|17.3

2025|Apr|17|1|42|57.939|+1|10|39|47.25|1.003862912|+1|0|31.1

2025|Apr|18|1|46|41.062|+1|11|00|43.02|1.004145035|+1|0|44.5

2025|Apr|19|1|50|24.604|+1|11|21|28.03|1.004426503|+1|0|57.6

2025|Apr|20|1|54|08.578|+1|11|42|01.93|1.004707015|+1|1|10.2

2025|Apr|21|1|57|52.998|+1|12|02|24.40|1.004986239|+1|1|22.3

2025|Apr|22|2|01|37.877|+1|12|22|35.09|1.005263809|+1|1|34.0

2025|Apr|23|2|05|23.227|+1|12|42|33.67|1.005539336|+1|1|45.2

2025|Apr|24|2|09|09.059|+1|13|02|19.77|1.005812419|+1|1|55.9

2025|Apr|25|2|12|55.384|+1|13|21|53.05|1.006082670|+1|2|06.1

2025|Apr|26|2|16|42.211|+1|13|41|13.17|1.006349739|+1|2|15.8

2025|Apr|27|2|20|29.548|+1|14|00|19.77|1.006613353|+1|2|25.0

2025|Apr|28|2|24|17.402|+1|14|19|12.52|1.006873343|+1|2|33.7

2025|Apr|29|2|28|05.777|+1|14|37|51.06|1.007129664|+1|2|41.9

2025|Apr|30|2|31|54.673|+1|14|56|15.06|1.007382385|+1|2|49.6

2025|May|01|2|35|44.091|+1|15|14|24.17|1.007631668|+1|2|56.8

2025|May|02|2|39|34.033|+1|15|32|18.04|1.007877731|+1|3|03.4

2025|May|03|2|43|24.502|+1|15|49|56.36|1.008120821|+1|3|09.5

2025|May|04|2|47|15.501|+1|16|07|18.79|1.008361181|+1|3|15.0

2025|May|05|2|51|07.035|+1|16|24|25.04|1.008599039|+1|3|20.0

2025|May|06|2|54|59.111|+1|16|41|14.80|1.008834597|+1|3|24.5

2025|May|07|2|58|51.734|+1|16|57|47.79|1.009068026|+1|3|28.4

2025|May|08|3|02|44.910|+1|17|14|03.71|1.009299466|+1|3|31.8

2025|May|09|3|06|38.644|+1|17|30|02.30|1.009529026|+1|3|34.6

2025|May|10|3|10|32.942|+1|17|45|43.29|1.009756784|+1|3|36.9

2025|May|11|3|14|27.808|+1|18|01|06.39|1.009982783|+1|3|38.6

2025|May|12|3|18|23.245|+1|18|16|11.35|1.010207033|+1|3|39.7

2025|May|13|3|22|19.255|+1|18|30|57.90|1.010429506|+1|3|40.2

2025|May|14|3|26|15.839|+1|18|45|25.78|1.010650136|+1|3|40.2

2025|May|15|3|30|12.999|+1|18|59|34.72|1.010868817|+1|3|39.6

2025|May|16|3|34|10.732|+1|19|13|24.46|1.011085399|+1|3|38.5

2025|May|17|3|38|09.038|+1|19|26|54.72|1.011299691|+1|3|36.7

2025|May|18|3|42|07.912|+1|19|40|05.25|1.011511459|+1|3|34.4

2025|May|19|3|46|07.350|+1|19|52|55.77|1.011720427|+1|3|31.5

2025|May|20|3|50|07.349|+1|20|05|26.00|1.011926277|+1|3|28.1

2025|May|21|3|54|07.902|+1|20|17|35.70|1.012128657|+1|3|24.1

2025|May|22|3|58|09.002|+1|20|29|24.58|1.012327186|+1|3|19.5

2025|May|23|4|02|10.643|+1|20|40|52.39|1.012521471|+1|3|14.4

2025|May|24|4|06|12.814|+1|20|51|58.88|1.012711131|+1|3|08.8

2025|May|25|4|10|15.504|+1|21|02|43.80|1.012895827|+1|3|02.7

2025|May|26|4|14|18.698|+1|21|13|06.94|1.013075299|+1|2|56.0

2025|May|27|4|18|22.378|+1|21|23|08.06|1.013249387|+1|2|48.9

2025|May|28|4|22|26.522|+1|21|32|46.94|1.013418050|+1|2|41.4

2025|May|29|4|26|31.108|+1|21|42|03.36|1.013581356|+1|2|33.3

2025|May|30|4|30|36.115|+1|21|50|57.10|1.013739461|+1|2|24.9

2025|May|31|4|34|41.523|+1|21|59|27.98|1.013892577|+1|2|16.0

2025|Jun|01|4|38|47.313|+1|22|07|35.79|1.014040947|+1|2|06.8

2025|Jun|02|4|42|53.468|+1|22|15|20.36|1.014184819|+1|1|57.2

2025|Jun|03|4|46|59.972|+1|22|22|41.53|1.014324433|+1|1|47.3

2025|Jun|04|4|51|06.808|+1|22|29|39.16|1.014460011|+1|1|37.0

2025|Jun|05|4|55|13.960|+1|22|36|13.11|1.014591755|+1|1|26.4

2025|Jun|06|4|59|21.412|+1|22|42|23.25|1.014719846|+1|1|15.5

2025|Jun|07|5|03|29.147|+1|22|48|09.47|1.014844442|+1|1|04.3

2025|Jun|08|5|07|37.148|+1|22|53|31.66|1.014965678|+1|0|52.9

2025|Jun|09|5|11|45.397|+1|22|58|29.72|1.015083661|+1|0|41.2

2025|Jun|10|5|15|53.876|+1|23|03|03.56|1.015198471|+1|0|29.2

2025|Jun|11|5|20|02.566|+1|23|07|13.10|1.015310151|+1|0|17.1

2025|Jun|12|5|24|11.449|+1|23|10|58.25|1.015418706|+1|0|04.8

2025|Jun|13|5|28|20.504|+1|23|14|18.94|1.015524093|-1|0|07.7

2025|Jun|14|5|32|29.712|+1|23|17|15.10|1.015626222|-1|0|20.3

2025|Jun|15|5|36|39.051|+1|23|19|46.66|1.015724948|-1|0|33.1

2025|Jun|16|5|40|48.503|+1|23|21|53.54|1.015820075|-1|0|46.0

2025|Jun|17|5|44|58.047|+1|23|23|35.69|1.015911356|-1|0|59.0

2025|Jun|18|5|49|07.662|+1|23|24|53.07|1.015998494|-1|1|12.1

2025|Jun|19|5|53|17.327|+1|23|25|45.62|1.016081157|-1|1|25.2

2025|Jun|20|5|57|27.023|+1|23|26|13.33|1.016158983|-1|1|38.3

2025|Jun|21|6|01|36.726|+1|23|26|16.17|1.016231604|-1|1|51.5

2025|Jun|22|6|05|46.412|+1|23|25|54.17|1.016298673|-1|2|04.6

2025|Jun|23|6|09|56.052|+1|23|25|07.34|1.016359884|-1|2|17.7

2025|Jun|24|6|14|05.618|+1|23|23|55.71|1.016415011|-1|2|30.7

2025|Jun|25|6|18|15.078|+1|23|22|19.35|1.016463921|-1|2|43.6

2025|Jun|26|6|22|24.400|+1|23|20|18.28|1.016506586|-1|2|56.3

2025|Jun|27|6|26|33.554|+1|23|17|52.58|1.016543077|-1|3|08.9

2025|Jun|28|6|30|42.510|+1|23|15|02.30|1.016573542|-1|3|21.3

2025|Jun|29|6|34|51.244|+1|23|11|47.53|1.016598189|-1|3|33.5

2025|Jun|30|6|38|59.730|+1|23|08|08.35|1.016617254|-1|3|45.4

2025|Jul|01|6|43|07.948|+1|23|04|04.87|1.016630991|-1|3|57.1

2025|Jul|02|6|47|15.875|+1|22|59|37.20|1.016639652|-1|4|08.4

2025|Jul|03|6|51|23.493|+1|22|54|45.46|1.016643486|-1|4|19.5

2025|Jul|04|6|55|30.783|+1|22|49|29.80|1.016642729|-1|4|30.3

2025|Jul|05|6|59|37.725|+1|22|43|50.35|1.016637610|-1|4|40.6

2025|Jul|06|7|03|44.304|+1|22|37|47.27|1.016628340|-1|4|50.7

2025|Jul|07|7|07|50.501|+1|22|31|20.72|1.016615121|-1|5|00.3

2025|Jul|08|7|11|56.300|+1|22|24|30.85|1.016598131|-1|5|09.5

2025|Jul|09|7|16|01.686|+1|22|17|17.84|1.016577528|-1|5|18.4

2025|Jul|10|7|20|06.645|+1|22|09|41.86|1.016553434|-1|5|26.7

2025|Jul|11|7|24|11.161|+1|22|01|43.08|1.016525930|-1|5|34.7

2025|Jul|12|7|28|15.222|+1|21|53|21.68|1.016495045|-1|5|42.2

2025|Jul|13|7|32|18.817|+1|21|44|37.82|1.016460750|-1|5|49.2

2025|Jul|14|7|36|21.934|+1|21|35|31.68|1.016422947|-1|5|55.8

2025|Jul|15|7|40|24.565|+1|21|26|03.44|1.016381475|-1|6|01.9

2025|Jul|16|7|44|26.702|+1|21|16|13.28|1.016336113|-1|6|07.5

2025|Jul|17|7|48|28.336|+1|21|06|01.39|1.016286585|-1|6|12.5

2025|Jul|18|7|52|29.459|+1|20|55|27.99|1.016232579|-1|6|17.1

2025|Jul|19|7|56|30.063|+1|20|44|33.30|1.016173762|-1|6|21.2

2025|Jul|20|8|00|30.138|+1|20|33|17.55|1.016109803|-1|6|24.7

2025|Jul|21|8|04|29.670|+1|20|21|41.01|1.016040398|-1|6|27.6

2025|Jul|22|8|08|28.648|+1|20|09|43.93|1.015965292|-1|6|30.1

2025|Jul|23|8|12|27.056|+1|19|57|26.59|1.015884300|-1|6|31.9

2025|Jul|24|8|16|24.881|+1|19|44|49.26|1.015797323|-1|6|33.2

2025|Jul|25|8|20|22.112|+1|19|31|52.22|1.015704351|-1|6|33.8

2025|Jul|26|8|24|18.738|+1|19|18|35.74|1.015605457|-1|6|33.9

2025|Jul|27|8|28|14.751|+1|19|05|00.11|1.015500782|-1|6|33.4

2025|Jul|28|8|32|10.147|+1|18|51|05.61|1.015390523|-1|6|32.2

2025|Jul|29|8|36|04.921|+1|18|36|52.53|1.015274910|-1|6|30.4

2025|Jul|30|8|39|59.072|+1|18|22|21.17|1.015154197|-1|6|28.0

2025|Jul|31|8|43|52.599|+1|18|07|31.82|1.015028646|-1|6|25.0

2025|Aug|01|8|47|45.502|+1|17|52|24.78|1.014898526|-1|6|21.4

2025|Aug|02|8|51|37.783|+1|17|37|00.36|1.014764108|-1|6|17.1

2025|Aug|03|8|55|29.442|+1|17|21|18.84|1.014625660|-1|6|12.2

2025|Aug|04|8|59|20.484|+1|17|05|20.55|1.014483451|-1|6|06.7

2025|Aug|05|9|03|10.911|+1|16|49|05.77|1.014337743|-1|6|00.5

2025|Aug|06|9|07|00.729|+1|16|32|34.82|1.014188790|-1|5|53.8

2025|Aug|07|9|10|49.942|+1|16|15|47.98|1.014036825|-1|5|46.4

2025|Aug|08|9|14|38.558|+1|15|58|45.54|1.013882055|-1|5|38.5

2025|Aug|09|9|18|26.584|+1|15|41|27.80|1.013724640|-1|5|30.0

2025|Aug|10|9|22|14.030|+1|15|23|55.02|1.013564680|-1|5|20.9

2025|Aug|11|9|26|00.909|+1|15|06|07.48|1.013402204|-1|5|11.2

2025|Aug|12|9|29|47.231|+1|14|48|05.45|1.013237159|-1|5|01.0

2025|Aug|13|9|33|33.012|+1|14|29|49.19|1.013069414|-1|4|50.2

2025|Aug|14|9|37|18.265|+1|14|11|18.98|1.012898764|-1|4|38.9

2025|Aug|15|9|41|03.004|+1|13|52|35.12|1.012724952|-1|4|27.1

2025|Aug|16|9|44|47.239|+1|13|33|37.91|1.012547688|-1|4|14.8

2025|Aug|17|9|48|30.980|+1|13|14|27.65|1.012366670|-1|4|01.9

2025|Aug|18|9|52|14.237|+1|12|55|04.69|1.012181608|-1|3|48.6

2025|Aug|19|9|55|57.015|+1|12|35|29.36|1.011992247|-1|3|34.8

2025|Aug|20|9|59|39.323|+1|12|15|41.99|1.011798382|-1|3|20.6

2025|Aug|21|10|03|21.167|+1|11|55|42.92|1.011599870|-1|3|05.9

2025|Aug|22|10|07|02.556|+1|11|35|32.50|1.011396643|-1|2|50.7

2025|Aug|23|10|10|43.499|+1|11|15|11.07|1.011188702|-1|2|35.1

2025|Aug|24|10|14|24.008|+1|10|54|38.96|1.010976121|-1|2|19.1

2025|Aug|25|10|18|04.093|+1|10|33|56.51|1.010759029|-1|2|02.6

2025|Aug|26|10|21|43.769|+1|10|13|04.06|1.010537609|-1|1|45.7

2025|Aug|27|10|25|23.049|+1|9|52|01.95|1.010312078|-1|1|28.5

2025|Aug|28|10|29|01.946|+1|9|30|50.51|1.010082682|-1|1|10.8

2025|Aug|29|10|32|40.477|+1|9|09|30.09|1.009849686|-1|0|52.8

2025|Aug|30|10|36|18.656|+1|8|48|01.00|1.009613370|-1|0|34.4

2025|Aug|31|10|39|56.499|+1|8|26|23.60|1.009374024|-1|0|15.7

2025|Sep|01|10|43|34.021|+1|8|04|38.21|1.009131950|+1|0|03.3

2025|Sep|02|10|47|11.239|+1|7|42|45.15|1.008887460|+1|0|22.7

2025|Sep|03|10|50|48.171|+1|7|20|44.76|1.008640869|+1|0|42.3

2025|Sep|04|10|54|24.833|+1|6|58|37.36|1.008392495|+1|1|02.2

2025|Sep|05|10|58|01.244|+1|6|36|23.26|1.008142645|+1|1|22.4

2025|Sep|06|11|01|37.425|+1|6|14|02.76|1.007891601|+1|1|42.7

2025|Sep|07|11|05|13.396|+1|5|51|36.16|1.007639599|+1|2|03.3

2025|Sep|08|11|08|49.182|+1|5|29|03.74|1.007386806|+1|2|24.1

2025|Sep|09|11|12|24.807|+1|5|06|25.78|1.007133304|+1|2|45.0

2025|Sep|10|11|16|00.297|+1|4|43|42.56|1.006879077|+1|3|06.1

2025|Sep|11|11|19|35.677|+1|4|20|54.35|1.006624014|+1|3|27.2

2025|Sep|12|11|23|10.969|+1|3|58|01.46|1.006367925|+1|3|48.5

2025|Sep|13|11|26|46.196|+1|3|35|04.20|1.006110567|+1|4|09.8

2025|Sep|14|11|30|21.377|+1|3|12|02.90|1.005851668|+1|4|31.2

2025|Sep|15|11|33|56.528|+1|2|48|57.89|1.005590956|+1|4|52.6

2025|Sep|16|11|37|31.669|+1|2|25|49.54|1.005328180|+1|5|14.0

2025|Sep|17|11|41|06.815|+1|2|02|38.19|1.005063125|+1|5|35.4

2025|Sep|18|11|44|41.983|+1|1|39|24.20|1.004795624|+1|5|56.8

2025|Sep|19|11|48|17.191|+1|1|16|07.92|1.004525566|+1|6|18.2

2025|Sep|20|11|51|52.457|+1|0|52|49.72|1.004252898|+1|6|39.5

2025|Sep|21|11|55|27.799|+1|0|29|29.95|1.003977623|+1|7|00.7

2025|Sep|22|11|59|03.235|+1|0|06|08.97|1.003699805|+1|7|21.8

2025|Sep|23|12|02|38.784|-1|0|17|12.86|1.003419554|+1|7|42.8

2025|Sep|24|12|06|14.465|-1|0|40|35.18|1.003137027|+1|8|03.6

2025|Sep|25|12|09|50.297|-1|1|03|57.62|1.002852419|+1|8|24.4

2025|Sep|26|12|13|26.297|-1|1|27|19.84|1.002565956|+1|8|44.9

2025|Sep|27|12|17|02.484|-1|1|50|41.46|1.002277890|+1|9|05.3

2025|Sep|28|12|20|38.876|-1|2|14|02.12|1.001988495|+1|9|25.4

2025|Sep|29|12|24|15.492|-1|2|37|21.47|1.001698068|+1|9|45.4

2025|Sep|30|12|27|52.350|-1|3|00|39.15|1.001406924|+1|10|05.1

2025|Oct|01|12|31|29.469|-1|3|23|54.78|1.001115397|+1|10|24.5

2025|Oct|02|12|35|06.869|-1|3|47|08.03|1.000823838|+1|10|43.7

2025|Oct|03|12|38|44.569|-1|4|10|18.54|1.000532611|+1|11|02.5

2025|Oct|04|12|42|22.591|-1|4|33|25.96|1.000242076|+1|11|21.1

2025|Oct|05|12|46|00.957|-1|4|56|29.97|0.999952577|+1|11|39.2

2025|Oct|06|12|49|39.693|-1|5|19|30.23|0.999664411|+1|11|57.1

2025|Oct|07|12|53|18.824|-1|5|42|26.43|0.999377801|+1|12|14.5

2025|Oct|08|12|56|58.378|-1|6|05|18.27|0.999092870|+1|12|31.5

2025|Oct|09|13|00|38.379|-1|6|28|05.43|0.998809630|+1|12|48.0

2025|Oct|10|13|04|18.853|-1|6|50|47.57|0.998527986|+1|13|04.1

2025|Oct|11|13|07|59.819|-1|7|13|24.34|0.998247756|+1|13|19.7

2025|Oct|12|13|11|41.297|-1|7|35|55.39|0.997968707|+1|13|34.8

2025|Oct|13|13|15|23.305|-1|7|58|20.32|0.997690580|+1|13|49.3

2025|Oct|14|13|19|05.861|-1|8|20|38.74|0.997413123|+1|14|03.3

2025|Oct|15|13|22|48.981|-1|8|42|50.26|0.997136109|+1|14|16.8

2025|Oct|16|13|26|32.681|-1|9|04|54.48|0.996859345|+1|14|29.6

2025|Oct|17|13|30|16.978|-1|9|26|50.99|0.996582682|+1|14|41.9

2025|Oct|18|13|34|01.888|-1|9|48|39.40|0.996306015|+1|14|53.5

2025|Oct|19|13|37|47.427|-1|10|10|19.28|0.996029285|+1|15|04.5

2025|Oct|20|13|41|33.609|-1|10|31|50.25|0.995752480|+1|15|14.9

2025|Oct|21|13|45|20.448|-1|10|53|11.88|0.995475634|+1|15|24.6

2025|Oct|22|13|49|07.957|-1|11|14|23.78|0.995198821|+1|15|33.7

2025|Oct|23|13|52|56.149|-1|11|35|25.52|0.994922160|+1|15|42.0

2025|Oct|24|13|56|45.035|-1|11|56|16.70|0.994645803|+1|15|49.7

2025|Oct|25|14|00|34.626|-1|12|16|56.91|0.994369939|+1|15|56.7

2025|Oct|26|14|04|24.932|-1|12|37|25.73|0.994094789|+1|16|02.9

2025|Oct|27|14|08|15.963|-1|12|57|42.74|0.993820601|+1|16|08.4

2025|Oct|28|14|12|07.728|-1|13|17|47.55|0.993547654|+1|16|13.2

2025|Oct|29|14|16|00.236|-1|13|37|39.72|0.993276253|+1|16|17.3

2025|Oct|30|14|19|53.497|-1|13|57|18.86|0.993006733|+1|16|20.6

2025|Oct|31|14|23|47.519|-1|14|16|44.56|0.992739453|+1|16|23.1

2025|Nov|01|14|27|42.314|-1|14|35|56.43|0.992474794|+1|16|24.9

2025|Nov|02|14|31|37.892|-1|14|54|54.06|0.992213143|+1|16|25.8

2025|Nov|03|14|35|34.267|-1|15|13|37.08|0.991954877|+1|16|26.0

2025|Nov|04|14|39|31.451|-1|15|32|05.13|0.991700328|+1|16|25.4

2025|Nov|05|14|43|29.458|-1|15|50|17.84|0.991449752|+1|16|23.9

2025|Nov|06|14|47|28.301|-1|16|08|14.87|0.991203298|+1|16|21.6

2025|Nov|07|14|51|27.990|-1|16|25|55.84|0.990960996|+1|16|18.5

2025|Nov|08|14|55|28.531|-1|16|43|20.37|0.990722760|+1|16|14.5

2025|Nov|09|14|59|29.930|-1|17|00|28.06|0.990488412|+1|16|09.7

2025|Nov|10|15|03|32.190|-1|17|17|18.52|0.990257723|+1|16|04.0

2025|Nov|11|15|07|35.314|-1|17|33|51.32|0.990030438|+1|15|57.5

2025|Nov|12|15|11|39.303|-1|17|50|06.04|0.989806309|+1|15|50.0

2025|Nov|13|15|15|44.157|-1|18|06|02.28|0.989585110|+1|15|41.7

2025|Nov|14|15|19|49.877|-1|18|21|39.63|0.989366643|+1|15|32.5

2025|Nov|15|15|23|56.458|-1|18|36|57.68|0.989150747|+1|15|22.5

2025|Nov|16|15|28|03.897|-1|18|51|56.03|0.988937296|+1|15|11.6

2025|Nov|17|15|32|12.188|-1|19|06|34.29|0.988726198|+1|14|59.9

2025|Nov|18|15|36|21.324|-1|19|20|52.06|0.988517399|+1|14|47.3

2025|Nov|19|15|40|31.295|-1|19|34|48.96|0.988310879|+1|14|33.9

2025|Nov|20|15|44|42.090|-1|19|48|24.61|0.988106656|+1|14|19.7

2025|Nov|21|15|48|53.696|-1|20|01|38.64|0.987904784|+1|14|04.6

2025|Nov|22|15|53|06.099|-1|20|14|30.67|0.987705354|+1|13|48.8

2025|Nov|23|15|57|19.283|-1|20|27|00.35|0.987508495|+1|13|32.1

2025|Nov|24|16|01|33.232|-1|20|39|07.31|0.987314373|+1|13|14.8

2025|Nov|25|16|05|47.927|-1|20|50|51.20|0.987123189|+1|12|56.6

2025|Nov|26|16|10|03.351|-1|21|02|11.70|0.986935181|+1|12|37.8

2025|Nov|27|16|14|19.485|-1|21|13|08.46|0.986750623|+1|12|18.2

2025|Nov|28|16|18|36.310|-1|21|23|41.16|0.986569823|+1|11|57.9

2025|Nov|29|16|22|53.807|-1|21|33|49.51|0.986393125|+1|11|37.0

2025|Nov|30|16|27|11.960|-1|21|43|33.20|0.986220897|+1|11|15.4

2025|Dec|01|16|31|30.749|-1|21|52|51.96|0.986053520|+1|10|53.1

2025|Dec|02|16|35|50.160|-1|22|01|45.55|0.985891368|+1|10|30.3

2025|Dec|03|16|40|10.175|-1|22|10|13.71|0.985734775|+1|10|06.8

2025|Dec|04|16|44|30.776|-1|22|18|16.23|0.985583999|+1|9|42.8

2025|Dec|05|16|48|51.942|-1|22|25|52.88|0.985439193|+1|9|18.2

2025|Dec|06|16|53|13.652|-1|22|33|03.44|0.985300391|+1|8|53.0

2025|Dec|07|16|57|35.883|-1|22|39|47.67|0.985167511|+1|8|27.4

2025|Dec|08|17|01|58.610|-1|22|46|05.35|0.985040377|+1|8|01.2

2025|Dec|09|17|06|21.807|-1|22|51|56.25|0.984918758|+1|7|34.6

2025|Dec|10|17|10|45.450|-1|22|57|20.16|0.984802395|+1|7|07.5

2025|Dec|11|17|15|09.511|-1|23|02|16.89|0.984691026|+1|6|40.0

2025|Dec|12|17|19|33.961|-1|23|06|46.24|0.984584405|+1|6|12.1

2025|Dec|13|17|23|58.771|-1|23|10|48.07|0.984482306|+1|5|43.8

2025|Dec|14|17|28|23.910|-1|23|14|22.22|0.984384529|+1|5|15.2

2025|Dec|15|17|32|49.343|-1|23|17|28.57|0.984290899|+1|4|46.4

2025|Dec|16|17|37|15.037|-1|23|20|06.99|0.984201269|+1|4|17.2

2025|Dec|17|17|41|40.956|-1|23|22|17.39|0.984115515|+1|3|47.9

2025|Dec|18|17|46|07.063|-1|23|23|59.70|0.984033542|+1|3|18.3

2025|Dec|19|17|50|33.321|-1|23|25|13.84|0.983955288|+1|2|48.6

2025|Dec|20|17|54|59.691|-1|23|25|59.77|0.983880721|+1|2|18.8

2025|Dec|21|17|59|26.134|-1|23|26|17.44|0.983809850|+1|1|48.9

2025|Dec|22|18|03|52.611|-1|23|26|06.85|0.983742722|+1|1|19.0

2025|Dec|23|18|08|19.082|-1|23|25|27.98|0.983679430|+1|0|49.1

2025|Dec|24|18|12|45.508|-1|23|24|20.85|0.983620110|+1|0|19.3

2025|Dec|25|18|17|11.853|-1|23|22|45.48|0.983564944|-1|0|10.5

2025|Dec|26|18|21|38.080|-1|23|20|41.92|0.983514159|-1|0|40.2

2025|Dec|27|18|26|04.154|-1|23|18|10.23|0.983468024|-1|1|09.7

2025|Dec|28|18|30|30.042|-1|23|15|10.49|0.983426846|-1|1|39.1

2025|Dec|29|18|34|55.713|-1|23|11|42.79|0.983390960|-1|2|08.2

2025|Dec|30|18|39|21.137|-1|23|07|47.26|0.983360717|-1|2|37.0

2025|Dec|31|18|43|46.284|-1|23|03|24.03|0.983336457|-1|3|05.6

2026|Jan|01|18|48|11.126|-1|22|58|33.25|0.983318482|-1|3|33.9

2026|Jan|02|18|52|35.636|-1|22|53|15.08|0.983307024|-1|4|01.8

2026|Jan|03|18|56|59.785|-1|22|47|29.66|0.983302218|-1|4|29.4

2026|Jan|04|19|01|23.546|-1|22|41|17.17|0.983304086|-1|4|56.6

2026|Jan|05|19|05|46.895|-1|22|34|37.74|0.983312546|-1|5|23.4

2026|Jan|06|19|10|09.807|-1|22|27|31.55|0.983327426|-1|5|49.8

2026|Jan|07|19|14|32.259|-1|22|19|58.78|0.983348493|-1|6|15.7

2026|Jan|08|19|18|54.229|-1|22|11|59.61|0.983375481|-1|6|41.1

2026|Jan|09|19|23|15.694|-1|22|03|34.27|0.983408110|-1|7|06.0

2026|Jan|10|19|27|36.632|-1|21|54|42.98|0.983446104|-1|7|30.4

2026|Jan|11|19|31|57.020|-1|21|45|26.00|0.983489200|-1|7|54.2

2026|Jan|12|19|36|16.835|-1|21|35|43.58|0.983537146|-1|8|17.5

2026|Jan|13|19|40|36.054|-1|21|25|36.00|0.983589708|-1|8|40.1

2026|Jan|14|19|44|54.654|-1|21|15|03.56|0.983646665|-1|9|02.2

2026|Jan|15|19|49|12.614|-1|21|04|06.55|0.983707817|-1|9|23.6

2026|Jan|16|19|53|29.911|-1|20|52|45.29|0.983772981|-1|9|44.3

2026|Jan|17|19|57|46.524|-1|20|41|00.11|0.983842000|-1|10|04.4

2026|Jan|18|20|02|02.432|-1|20|28|51.34|0.983914748|-1|10|23.7

2026|Jan|19|20|06|17.615|-1|20|16|19.33|0.983991135|-1|10|42.3

2026|Jan|20|20|10|32.054|-1|20|03|24.42|0.984071120|-1|11|00.2

2026|Jan|21|20|14|45.733|-1|19|50|06.99|0.984154712|-1|11|17.3

2026|Jan|22|20|18|58.636|-1|19|36|27.39|0.984241979|-1|11|33.7

2026|Jan|23|20|23|10.750|-1|19|22|26.00|0.984333044|-1|11|49.2

2026|Jan|24|20|27|22.065|-1|19|08|03.20|0.984428088|-1|12|04.0

2026|Jan|25|20|31|32.573|-1|18|53|19.37|0.984527342|-1|12|18.0

2026|Jan|26|20|35|42.266|-1|18|38|14.92|0.984631075|-1|12|31.1

2026|Jan|27|20|39|51.140|-1|18|22|50.24|0.984739586|-1|12|43.4

2026|Jan|28|20|43|59.190|-1|18|07|05.74|0.984853183|-1|12|54.9

2026|Jan|29|20|48|06.414|-1|17|51|01.81|0.984972160|-1|13|05.6

2026|Jan|30|20|52|12.811|-1|17|34|38.87|0.985096769|-1|13|15.4

2026|Jan|31|20|56|18.380|-1|17|17|57.29|0.985227200|-1|13|24.4

2026|Feb|01|21|00|23.123|-1|17|00|57.45|0.985363558|-1|13|32.6

2026|Feb|02|21|04|27.044|-1|16|43|39.74|0.985505850|-1|13|39.9

2026|Feb|03|21|08|30.149|-1|16|26|04.51|0.985653993|-1|13|46.5

2026|Feb|04|21|12|32.446|-1|16|08|12.14|0.985807823|-1|13|52.2

2026|Feb|05|21|16|33.944|-1|15|50|03.00|0.985967115|-1|13|57.2

2026|Feb|06|21|20|34.650|-1|15|31|37.48|0.986131607|-1|14|01.3

2026|Feb|07|21|24|34.572|-1|15|12|55.97|0.986301014|-1|14|04.7

2026|Feb|08|21|28|33.719|-1|14|53|58.87|0.986475041|-1|14|07.3

2026|Feb|09|21|32|32.098|-1|14|34|46.59|0.986653393|-1|14|09.1

2026|Feb|10|21|36|29.717|-1|14|15|19.56|0.986835779|-1|14|10.2

2026|Feb|11|21|40|26.582|-1|13|55|38.18|0.987021912|-1|14|10.5

2026|Feb|12|21|44|22.700|-1|13|35|42.88|0.987211511|-1|14|10.1

2026|Feb|13|21|48|18.080|-1|13|15|34.09|0.987404301|-1|14|08.9

2026|Feb|14|21|52|12.729|-1|12|55|12.25|0.987600020|-1|14|07.0

2026|Feb|15|21|56|06.654|-1|12|34|37.77|0.987798423|-1|14|04.3

2026|Feb|16|21|59|59.864|-1|12|13|51.11|0.987999291|-1|14|01.0

2026|Feb|17|22|03|52.366|-1|11|52|52.69|0.988202444|-1|13|56.9

2026|Feb|18|22|07|44.170|-1|11|31|42.96|0.988407754|-1|13|52.2

2026|Feb|19|22|11|35.286|-1|11|10|22.34|0.988615156|-1|13|46.8

2026|Feb|20|22|15|25.727|-1|10|48|51.27|0.988824656|-1|13|40.6

2026|Feb|21|22|19|15.505|-1|10|27|10.19|0.989036334|-1|13|33.9

2026|Feb|22|22|23|04.634|-1|10|05|19.52|0.989250340|-1|13|26.5

2026|Feb|23|22|26|53.128|-1|9|43|19.69|0.989466881|-1|13|18.4

2026|Feb|24|22|30|41.001|-1|9|21|11.14|0.989686206|-1|13|09.7

2026|Feb|25|22|34|28.270|-1|8|58|54.28|0.989908587|-1|13|00.4

2026|Feb|26|22|38|14.950|-1|8|36|29.53|0.990134296|-1|12|50.5

2026|Feb|27|22|42|01.056|-1|8|13|57.29|0.990363584|-1|12|40.1

2026|Feb|28|22|45|46.608|-1|7|51|17.95|0.990596661|-1|12|29.1

2026|Mar|01|22|49|31.625|-1|7|28|31.90|0.990833678|-1|12|17.5

2026|Mar|02|22|53|16.129|-1|7|05|39.48|0.991074714|-1|12|05.5

2026|Mar|03|22|57|00.143|-1|6|42|41.07|0.991319769|-1|11|52.9

2026|Mar|04|23|00|43.690|-1|6|19|37.00|0.991568768|-1|11|39.9

2026|Mar|05|23|04|26.795|-1|5|56|27.64|0.991821567|-1|11|26.5

2026|Mar|06|23|08|09.482|-1|5|33|13.34|0.992077968|-1|11|12.6

2026|Mar|07|23|11|51.773|-1|5|09|54.45|0.992337729|-1|10|58.4

2026|Mar|08|23|15|33.690|-1|4|46|31.35|0.992600582|-1|10|43.7

2026|Mar|09|23|19|15.255|-1|4|23|04.41|0.992866239|-1|10|28.8

2026|Mar|10|23|22|56.489|-1|3|59|33.99|0.993134399|-1|10|13.4

2026|Mar|11|23|26|37.410|-1|3|36|00.49|0.993404756|-1|9|57.8

2026|Mar|12|23|30|18.040|-1|3|12|24.28|0.993676997|-1|9|41.9

2026|Mar|13|23|33|58.397|-1|2|48|45.75|0.993950803|-1|9|25.7

2026|Mar|14|23|37|38.499|-1|2|25|05.27|0.994225852|-1|9|09.2

2026|Mar|15|23|41|18.365|-1|2|01|23.26|0.994501826|-1|8|52.5

2026|Mar|16|23|44|58.012|-1|1|37|40.08|0.994778412|-1|8|35.6

2026|Mar|17|23|48|37.459|-1|1|13|56.15|0.995055319|-1|8|18.5

2026|Mar|18|23|52|16.724|-1|0|50|11.84|0.995332295|-1|8|01.2

2026|Mar|19|23|55|55.824|-1|0|26|27.56|0.995609142|-1|7|43.8

2026|Mar|20|23|59|34.778|-1|0|02|43.68|0.995885738|-1|7|26.2

2026|Mar|21|0|03|13.604|+1|0|20|59.39|0.996162051|-1|7|08.5

2026|Mar|22|0|06|52.319|+1|0|44|41.28|0.996438137|-1|6|50.6

2026|Mar|23|0|10|30.942|+1|1|08|21.59|0.996714138|-1|6|32.7

2026|Mar|24|0|14|09.488|+1|1|31|59.94|0.996990259|-1|6|14.7

2026|Mar|25|0|17|47.974|+1|1|55|35.95|0.997266747|-1|5|56.6

2026|Mar|26|0|21|26.417|+1|2|19|09.25|0.997543863|-1|5|38.5

2026|Mar|27|0|25|04.836|+1|2|42|39.49|0.997821862|-1|5|20.3

2026|Mar|28|0|28|43.252|+1|3|06|06.31|0.998100971|-1|5|02.2

2026|Mar|29|0|32|21.685|+1|3|29|29.37|0.998381377|-1|4|44.1

2026|Mar|30|0|36|00.158|+1|3|52|48.37|0.998663210|-1|4|26.0

2026|Mar|31|0|39|38.696|+1|4|16|02.97|0.998946543|-1|4|08.0

2026|Apr|01|0|43|17.322|+1|4|39|12.87|0.999231387|-1|3|50.1

2026|Apr|02|0|46|56.060|+1|5|02|17.76|0.999517689|-1|3|32.3

2026|Apr|03|0|50|34.935|+1|5|25|17.32|0.999805344|-1|3|14.6

2026|Apr|04|0|54|13.968|+1|5|48|11.23|1.000094193|-1|2|57.1

2026|Apr|05|0|57|53.181|+1|6|10|59.17|1.000384040|-1|2|39.7

2026|Apr|06|1|01|32.595|+1|6|33|40.82|1.000674656|-1|2|22.6

2026|Apr|07|1|05|12.229|+1|6|56|15.83|1.000965783|-1|2|05.7

2026|Apr|08|1|08|52.103|+1|7|18|43.89|1.001257146|-1|1|49.0

2026|Apr|09|1|12|32.234|+1|7|41|04.63|1.001548450|-1|1|32.6

2026|Apr|10|1|16|12.639|+1|8|03|17.72|1.001839386|-1|1|16.4

2026|Apr|11|1|19|53.336|+1|8|25|22.81|1.002129628|-1|1|00.5

2026|Apr|12|1|23|34.341|+1|8|47|19.55|1.002418837|-1|0|45.0

2026|Apr|13|1|27|15.669|+1|9|09|07.57|1.002706665|-1|0|29.8

2026|Apr|14|1|30|57.335|+1|9|30|46.53|1.002992764|-1|0|14.9

2026|Apr|15|1|34|39.354|+1|9|52|16.06|1.003276795|-1|0|00.4

2026|Apr|16|1|38|21.741|+1|10|13|35.81|1.003558459|+1|0|13.8

2026|Apr|17|1|42|04.508|+1|10|34|45.41|1.003837513|+1|0|27.6

2026|Apr|18|1|45|47.667|+1|10|55|44.52|1.004113803|+1|0|41.0

2026|Apr|19|1|49|31.228|+1|11|16|32.78|1.004387275|+1|0|54.0

2026|Apr|20|1|53|15.199|+1|11|37|09.82|1.004657987|+1|1|06.6

2026|Apr|21|1|56|59.587|+1|11|57|35.30|1.004926087|+1|1|18.7

2026|Apr|22|2|00|44.399|+1|12|17|48.85|1.005191795|+1|1|30.5

2026|Apr|23|2|04|29.643|+1|12|37|50.13|1.005455370|+1|1|41.8

2026|Apr|24|2|08|15.328|+1|12|57|38.80|1.005717079|+1|1|52.7

2026|Apr|25|2|12|01.466|+1|13|17|14.53|1.005977176|+1|2|03.1

2026|Apr|26|2|15|48.068|+1|13|36|37.02|1.006235887|+1|2|13.1

2026|Apr|27|2|19|35.149|+1|13|55|45.97|1.006493394|+1|2|22.5

2026|Apr|28|2|23|22.720|+1|14|14|41.06|1.006749837|+1|2|31.5

2026|Apr|29|2|27|10.797|+1|14|33|22.01|1.007005303|+1|2|40.0

2026|Apr|30|2|30|59.390|+1|14|51|48.54|1.007259833|+1|2|47.9

2026|May|01|2|34|48.513|+1|15|10|00.35|1.007513418|+1|2|55.4

2026|May|02|2|38|38.176|+1|15|27|57.14|1.007766000|+1|3|02.2

2026|May|03|2|42|28.389|+1|15|45|38.64|1.008017481|+1|3|08.6

2026|May|04|2|46|19.159|+1|16|03|04.53|1.008267721|+1|3|14.4

2026|May|05|2|50|10.496|+1|16|20|14.52|1.008516548|+1|3|19.6

2026|May|06|2|54|02.403|+1|16|37|08.31|1.008763756|+1|3|24.3

2026|May|07|2|57|54.888|+1|16|53|45.59|1.009009114|+1|3|28.3

2026|May|08|3|01|47.954|+1|17|10|06.06|1.009252361|+1|3|31.8

2026|May|09|3|05|41.605|+1|17|26|09.40|1.009493215|+1|3|34.7

2026|May|10|3|09|35.843|+1|17|41|55.30|1.009731366|+1|3|37.1

2026|May|11|3|13|30.671|+1|17|57|23.47|1.009966483|+1|3|38.8

2026|May|12|3|17|26.088|+1|18|12|33.59|1.010198213|+1|3|39.9

2026|May|13|3|21|22.096|+1|18|27|25.35|1.010426195|+1|3|40.4

2026|May|14|3|25|18.692|+1|18|41|58.46|1.010650074|+1|3|40.4

2026|May|15|3|29|15.874|+1|18|56|12.62|1.010869526|+1|3|39.8

2026|May|16|3|33|13.635|+1|19|10|07.54|1.011084292|+1|3|38.6

2026|May|17|3|37|11.967|+1|19|23|42.95|1.011294205|+1|3|36.8

2026|May|18|3|41|10.856|+1|19|36|58.56|1.011499213|+1|3|34.5

2026|May|19|3|45|10.289|+1|19|49|54.09|1.011699381|+1|3|31.6

2026|May|20|3|49|10.253|+1|20|02|29.26|1.011894878|+1|3|28.2

2026|May|21|3|53|10.734|+1|20|14|43.80|1.012085942|+1|3|24.3

2026|May|22|3|57|11.720|+1|20|26|37.46|1.012272848|+1|3|19.9

2026|May|23|4|01|13.204|+1|20|38|09.98|1.012455878|+1|3|14.9

2026|May|24|4|05|15.176|+1|20|49|21.15|1.012635299|+1|3|09.5

2026|May|25|4|09|17.629|+1|21|00|10.74|1.012811350|+1|3|03.6

2026|May|26|4|13|20.555|+1|21|10|38.55|1.012984234|+1|2|57.2

2026|May|27|4|17|23.945|+1|21|20|44.39|1.013154115|+1|2|50.4

2026|May|28|4|21|27.791|+1|21|30|28.06|1.013321118|+1|2|43.1

2026|May|29|4|25|32.082|+1|21|39|49.37|1.013485329|+1|2|35.4

2026|May|30|4|29|36.808|+1|21|48|48.16|1.013646794|+1|2|27.2

2026|May|31|4|33|41.957|+1|21|57|24.23|1.013805519|+1|2|18.6

2026|Jun|01|4|37|47.515|+1|22|05|37.42|1.013961471|+1|2|09.6

2026|Jun|02|4|41|53.469|+1|22|13|27.56|1.014114582|+1|2|00.2

2026|Jun|03|4|45|59.804|+1|22|20|54.47|1.014264742|+1|1|50.5

2026|Jun|04|4|50|06.505|+1|22|27|58.00|1.014411809|+1|1|40.3

2026|Jun|05|4|54|13.555|+1|22|34|37.97|1.014555604|+1|1|29.8

2026|Jun|06|4|58|20.938|+1|22|40|54.24|1.014695915|+1|1|19.0

2026|Jun|07|5|02|28.638|+1|22|46|46.66|1.014832495|+1|1|07.9

2026|Jun|08|5|06|36.636|+1|22|52|15.07|1.014965064|+1|0|56.4

2026|Jun|09|5|10|44.914|+1|22|57|19.36|1.015093311|+1|0|44.7

2026|Jun|10|5|14|53.454|+1|23|01|59.39|1.015216896|+1|0|32.7

2026|Jun|11|5|19|02.235|+1|23|06|15.05|1.015335465|+1|0|20.5

2026|Jun|12|5|23|11.235|+1|23|10|06.25|1.015448664|+1|0|08.0

2026|Jun|13|5|27|20.430|+1|23|13|32.90|1.015556175|-1|0|04.6

2026|Jun|14|5|31|29.790|+1|23|16|34.95|1.015657741|-1|0|17.4

2026|Jun|15|5|35|39.287|+1|23|19|12.33|1.015753204|-1|0|30.3

2026|Jun|16|5|39|48.886|+1|23|21|25.00|1.015842526|-1|0|43.3

2026|Jun|17|5|43|58.555|+1|23|23|12.90|1.015925788|-1|0|56.5

2026|Jun|18|5|48|08.265|+1|23|24|36.00|1.016003174|-1|1|09.6

2026|Jun|19|5|52|17.988|+1|23|25|34.26|1.016074937|-1|1|22.8

2026|Jun|20|5|56|27.699|+1|23|26|07.68|1.016141366|-1|1|35.9

2026|Jun|21|6|00|37.374|+1|23|26|16.26|1.016202759|-1|1|49.0

2026|Jun|22|6|04|46.992|+1|23|26|00.02|1.016259401|-1|2|02.1

2026|Jun|23|6|08|56.531|+1|23|25|19.00|1.016311557|-1|2|15.1

2026|Jun|24|6|13|05.971|+1|23|24|13.22|1.016359459|-1|2|28.0

2026|Jun|25|6|17|15.289|+1|23|22|42.75|1.016403313|-1|2|40.7

2026|Jun|26|6|21|24.466|+1|23|20|47.63|1.016443290|-1|2|53.4

2026|Jun|27|6|25|33.481|+1|23|18|27.94|1.016479535|-1|3|05.8

2026|Jun|28|6|29|42.313|+1|23|15|43.75|1.016512156|-1|3|18.1

2026|Jun|29|6|33|50.941|+1|23|12|35.13|1.016541231|-1|3|30.2

2026|Jun|30|6|37|59.347|+1|23|09|02.16|1.016566800|-1|3|42.0

2026|Jul|01|6|42|07.510|+1|23|05|04.93|1.016588866|-1|3|53.6

2026|Jul|02|6|46|15.412|+1|23|00|43.52|1.016607390|-1|4|04.9

2026|Jul|03|6|50|23.034|+1|22|55|58.04|1.016622295|-1|4|16.0

2026|Jul|04|6|54|30.358|+1|22|50|48.58|1.016633459|-1|4|26.8

2026|Jul|05|6|58|37.369|+1|22|45|15.25|1.016640717|-1|4|37.2

2026|Jul|06|7|02|44.049|+1|22|39|18.16|1.016643862|-1|4|47.4

2026|Jul|07|7|06|50.384|+1|22|32|57.44|1.016642643|-1|4|57.1

2026|Jul|08|7|10|56.357|+1|22|26|13.22|1.016636775|-1|5|06.6

2026|Jul|09|7|15|01.953|+1|22|19|05.66|1.016625937|-1|5|15.6

2026|Jul|10|7|19|07.155|+1|22|11|34.92|1.016609794|-1|5|24.2

2026|Jul|11|7|23|11.945|+1|22|03|41.20|1.016588015|-1|5|32.5

2026|Jul|12|7|27|16.302|+1|21|55|24.69|1.016560300|-1|5|40.3

2026|Jul|13|7|31|20.203|+1|21|46|45.60|1.016526421|-1|5|47.6

2026|Jul|14|7|35|23.625|+1|21|37|44.15|1.016486242|-1|5|54.4

2026|Jul|15|7|39|26.546|+1|21|28|20.56|1.016439746|-1|6|00.8

2026|Jul|16|7|43|28.947|+1|21|18|35.06|1.016387026|-1|6|06.6

2026|Jul|17|7|47|30.811|+1|21|08|27.86|1.016328275|-1|6|12.0

2026|Jul|18|7|51|32.125|+1|20|57|59.21|1.016263751|-1|6|16.7

2026|Jul|19|7|55|32.877|+1|20|47|09.34|1.016193749|-1|6|20.9

2026|Jul|20|7|59|33.058|+1|20|35|58.50|1.016118578|-1|6|24.6

2026|Jul|21|8|03|32.661|+1|20|24|26.95|1.016038541|-1|6|27.6

2026|Jul|22|8|07|31.677|+1|20|12|34.94|1.015953925|-1|6|30.1

2026|Jul|23|8|11|30.101|+1|20|00|22.74|1.015865002|-1|6|31.9

2026|Jul|24|8|15|27.928|+1|19|47|50.61|1.015772018|-1|6|33.2

2026|Jul|25|8|19|25.152|+1|19|34|58.81|1.015675200|-1|6|33.9

2026|Jul|26|8|23|21.771|+1|19|21|47.61|1.015574751|-1|6|33.9

2026|Jul|27|8|27|17.781|+1|19|08|17.27|1.015470850|-1|6|33.4

2026|Jul|28|8|31|13.182|+1|18|54|28.06|1.015363645|-1|6|32.2

2026|Jul|29|8|35|07.972|+1|18|40|20.23|1.015253254|-1|6|30.4

2026|Jul|30|8|39|02.152|+1|18|25|54.06|1.015139753|-1|6|28.1

2026|Jul|31|8|42|55.724|+1|18|11|09.79|1.015023176|-1|6|25.1

2026|Aug|01|8|46|48.692|+1|17|56|07.68|1.014903505|-1|6|21.5

2026|Aug|02|8|50|41.060|+1|17|40|47.99|1.014780673|-1|6|17.3

2026|Aug|03|8|54|32.834|+1|17|25|10.98|1.014654558|-1|6|12.5

2026|Aug|04|8|58|24.020|+1|17|09|16.92|1.014524985|-1|6|07.2

2026|Aug|05|9|02|14.624|+1|16|53|06.09|1.014391730|-1|6|01.2

2026|Aug|06|9|06|04.652|+1|16|36|38.76|1.014254528|-1|5|54.7

2026|Aug|07|9|09|54.110|+1|16|19|55.24|1.014113082|-1|5|47.6

2026|Aug|08|9|13|43.000|+1|16|02|55.84|1.013967083|-1|5|39.9

2026|Aug|09|9|17|31.324|+1|15|45|40.88|1.013816231|-1|5|31.7

2026|Aug|10|9|21|19.083|+1|15|28|10.69|1.013660266|-1|5|22.9

2026|Aug|11|9|25|06.277|+1|15|10|25.60|1.013498993|-1|5|13.5

2026|Aug|12|9|28|52.907|+1|14|52|25.96|1.013332309|-1|5|03.6

2026|Aug|13|9|32|38.975|+1|14|34|12.10|1.013160217|-1|4|53.1

2026|Aug|14|9|36|24.487|+1|14|15|44.34|1.012982817|-1|4|42.1

2026|Aug|15|9|40|09.449|+1|13|57|03.02|1.012800298|-1|4|30.5

2026|Aug|16|9|43|53.869|+1|13|38|08.47|1.012612911|-1|4|18.3

2026|Aug|17|9|47|37.758|+1|13|19|01.01|1.012420944|-1|4|05.7

2026|Aug|18|9|51|21.124|+1|12|59|40.99|1.012224706|-1|3|52.5

2026|Aug|19|9|55|03.980|+1|12|40|08.72|1.012024509|-1|3|38.8

2026|Aug|20|9|58|46.336|+1|12|20|24.54|1.011820662|-1|3|24.6

2026|Aug|21|10|02|28.206|+1|12|00|28.77|1.011613461|-1|3|09.9

2026|Aug|22|10|06|09.601|+1|11|40|21.73|1.011403196|-1|2|54.7

2026|Aug|23|10|09|50.534|+1|11|20|03.73|1.011190141|-1|2|39.1

2026|Aug|24|10|13|31.021|+1|10|59|35.10|1.010974558|-1|2|23.0

2026|Aug|25|10|17|11.077|+1|10|38|56.13|1.010756689|-1|2|06.5

2026|Aug|26|10|20|50.717|+1|10|18|07.14|1.010536757|-1|1|49.6

2026|Aug|27|10|24|29.958|+1|9|57|08.42|1.010314951|-1|1|32.3

2026|Aug|28|10|28|08.819|+1|9|36|00.26|1.010091422|-1|1|14.6

2026|Aug|29|10|31|47.320|+1|9|14|42.95|1.009866270|-1|0|56.6

2026|Aug|30|10|35|25.482|+1|8|53|16.77|1.009639537|-1|0|38.2

2026|Aug|31|10|39|03.325|+1|8|31|42.01|1.009411199|-1|0|19.5

2026|Sep|01|10|42|40.871|+1|8|09|58.95|1.009181169|-1|0|00.5

2026|Sep|02|10|46|18.142|+1|7|48|07.88|1.008949292|+1|0|18.8

2026|Sep|03|10|49|55.157|+1|7|26|09.12|1.008715360|+1|0|38.3

2026|Sep|04|10|53|31.935|+1|7|04|02.98|1.008479124|+1|0|58.1

2026|Sep|05|10|57|08.492|+1|6|41|49.78|1.008240306|+1|1|18.1

2026|Sep|06|11|00|44.845|+1|6|19|29.88|1.007998626|+1|1|38.3

2026|Sep|07|11|04|21.007|+1|5|57|03.61|1.007753821|+1|1|58.7

2026|Sep|08|11|07|56.992|+1|5|34|31.34|1.007505670|+1|2|19.3

2026|Sep|09|11|11|32.816|+1|5|11|53.41|1.007254018|+1|2|40.0

2026|Sep|10|11|15|08.494|+1|4|49|10.18|1.006998789|+1|3|00.9

2026|Sep|11|11|18|44.042|+1|4|26|22.01|1.006739994|+1|3|21.9

2026|Sep|12|11|22|19.477|+1|4|03|29.23|1.006477732|+1|3|43.0

2026|Sep|13|11|25|54.816|+1|3|40|32.21|1.006212172|+1|4|04.2

2026|Sep|14|11|29|30.078|+1|3|17|31.30|1.005943543|+1|4|25.5

2026|Sep|15|11|33|05.279|+1|2|54|26.83|1.005672113|+1|4|46.9

2026|Sep|16|11|36|40.439|+1|2|31|19.17|1.005398175|+1|5|08.3

2026|Sep|17|11|40|15.574|+1|2|08|08.65|1.005122033|+1|5|29.7

2026|Sep|18|11|43|50.703|+1|1|44|55.62|1.004844001|+1|5|51.1

2026|Sep|19|11|47|25.846|+1|1|21|40.42|1.004564391|+1|6|12.5

2026|Sep|20|11|51|01.020|+1|0|58|23.39|1.004283514|+1|6|33.9

2026|Sep|21|11|54|36.248|+1|0|35|04.87|1.004001684|+1|6|55.2

2026|Sep|22|11|58|11.547|+1|0|11|45.17|1.003719205|+1|7|16.5

2026|Sep|23|12|01|46.941|-1|0|11|35.36|1.003436376|+1|7|37.7

2026|Sep|24|12|05|22.451|-1|0|34|56.42|1.003153482|+1|7|58.7

2026|Sep|25|12|08|58.101|-1|0|58|17.67|1.002870780|+1|8|19.6

2026|Sep|26|12|12|33.916|-1|1|21|38.82|1.002588486|+1|8|40.3

2026|Sep|27|12|16|09.920|-1|1|44|59.56|1.002306762|+1|9|00.9

2026|Sep|28|12|19|46.141|-1|2|08|19.59|1.002025700|+1|9|21.2

2026|Sep|29|12|23|22.604|-1|2|31|38.59|1.001745310|+1|9|41.3

2026|Sep|30|12|26|59.334|-1|2|54|56.26|1.001465522|+1|10|01.1

2026|Oct|01|12|30|36.355|-1|3|18|12.27|1.001186192|+1|10|20.7

2026|Oct|02|12|34|13.687|-1|3|41|26.27|1.000907114|+1|10|39.9

2026|Oct|03|12|37|51.352|-1|4|04|37.90|1.000628042|+1|10|58.8

2026|Oct|04|12|41|29.367|-1|4|27|46.80|1.000348712|+1|11|17.3

2026|Oct|05|12|45|07.752|-1|4|50|52.59|1.000068866|+1|11|35.5

2026|Oct|06|12|48|46.524|-1|5|13|54.88|0.999788269|+1|11|53.3

2026|Oct|07|12|52|25.700|-1|5|36|53.28|0.999506732|+1|12|10.7

2026|Oct|08|12|56|05.300|-1|5|59|47.41|0.999224125|+1|12|27.6

2026|Oct|09|12|59|45.340|-1|6|22|36.87|0.998940383|+1|12|44.1

2026|Oct|10|13|03|25.838|-1|6|45|21.29|0.998655512|+1|13|00.2

2026|Oct|11|13|07|06.811|-1|7|08|00.27|0.998369588|+1|13|15.7

2026|Oct|12|13|10|48.275|-1|7|30|33.41|0.998082748|+1|13|30.8

2026|Oct|13|13|14|30.245|-1|7|53|00.32|0.997795180|+1|13|45.4

2026|Oct|14|13|18|12.736|-1|8|15|20.62|0.997507111|+1|13|59.5

2026|Oct|15|13|21|55.764|-1|8|37|33.90|0.997218800|+1|14|13.0

2026|Oct|16|13|25|39.343|-1|8|59|39.78|0.996930523|+1|14|26.0

2026|Oct|17|13|29|23.489|-1|9|21|37.86|0.996642575|+1|14|38.4

2026|Oct|18|13|33|08.215|-1|9|43|27.75|0.996355260|+1|14|50.2

2026|Oct|19|13|36|53.539|-1|10|05|09.06|0.996068892|+1|15|01.5

2026|Oct|20|13|40|39.474|-1|10|26|41.41|0.995783795|+1|15|12.1

2026|Oct|21|13|44|26.038|-1|10|48|04.41|0.995500300|+1|15|22.1

2026|Oct|22|13|48|13.247|-1|11|09|17.68|0.995218740|+1|15|31.4

2026|Oct|23|13|52|01.119|-1|11|30|20.84|0.994939443|+1|15|40.1

2026|Oct|24|13|55|49.672|-1|11|51|13.54|0.994662719|+1|15|48.1

2026|Oct|25|13|59|38.926|-1|12|11|55.40|0.994388837|+1|15|55.4

2026|Oct|26|14|03|28.900|-1|12|32|26.08|0.994118009|+1|16|02.0

2026|Oct|27|14|07|19.613|-1|12|52|45.21|0.993850364|+1|16|07.8

2026|Oct|28|14|11|11.083|-1|13|12|52.42|0.993585934|+1|16|12.9

2026|Oct|29|14|15|03.324|-1|13|32|47.35|0.993324654|+1|16|17.2

2026|Oct|30|14|18|56.350|-1|13|52|29.59|0.993066373|+1|16|20.7

2026|Oct|31|14|22|50.173|-1|14|11|58.75|0.992810873|+1|16|23.5

2026|Nov|01|14|26|44.803|-1|14|31|14.39|0.992557900|+1|16|25.4

2026|Nov|02|14|30|40.249|-1|14|50|16.11|0.992307190|+1|16|26.5

2026|Nov|03|14|34|36.521|-1|15|09|03.47|0.992058491|+1|16|26.8

2026|Nov|04|14|38|33.626|-1|15|27|36.05|0.991811580|+1|16|26.3

2026|Nov|05|14|42|31.571|-1|15|45|53.42|0.991566277|+1|16|24.9

2026|Nov|06|14|46|30.361|-1|16|03|55.17|0.991322451|+1|16|22.6

2026|Nov|07|14|50|30.000|-1|16|21|40.87|0.991080025|+1|16|19.5

2026|Nov|08|14|54|30.490|-1|16|39|10.11|0.990838978|+1|16|15.6

2026|Nov|09|14|58|31.832|-1|16|56|22.47|0.990599344|+1|16|10.8

2026|Nov|10|15|02|34.023|-1|17|13|17.54|0.990361207|+1|16|05.2

2026|Nov|11|15|06|37.062|-1|17|29|54.91|0.990124695|+1|15|58.7

2026|Nov|12|15|10|40.945|-1|17|46|14.16|0.989889976|+1|15|51.4

2026|Nov|13|15|14|45.669|-1|18|02|14.88|0.989657251|+1|15|43.2

2026|Nov|14|15|18|51.227|-1|18|17|56.69|0.989426747|+1|15|34.2

2026|Nov|15|15|22|57.616|-1|18|33|19.18|0.989198713|+1|15|24.4

2026|Nov|16|15|27|04.828|-1|18|48|21.95|0.988973420|+1|15|13.7

2026|Nov|17|15|31|12.859|-1|19|03|04.63|0.988751158|+1|15|02.3

2026|Nov|18|15|35|21.702|-1|19|17|26.83|0.988532234|+1|14|50.0

2026|Nov|19|15|39|31.351|-1|19|31|28.19|0.988316976|+1|14|36.9

2026|Nov|20|15|43|41.800|-1|19|45|08.34|0.988105723|+1|14|23.0

2026|Nov|21|15|47|53.043|-1|19|58|26.94|0.987898822|+1|14|08.3

2026|Nov|22|15|52|05.075|-1|20|11|23.65|0.987696607|+1|13|52.8

2026|Nov|23|15|56|17.890|-1|20|23|58.15|0.987499383|+1|13|36.5

2026|Nov|24|16|00|31.480|-1|20|36|10.12|0.987307388|+1|13|19.5

2026|Nov|25|16|04|45.839|-1|20|47|59.26|0.987120773|+1|13|01.7

2026|Nov|26|16|09|00.954|-1|20|59|25.23|0.986939578|+1|12|43.2

2026|Nov|27|16|13|16.814|-1|21|10|27.72|0.986763729|+1|12|23.9

2026|Nov|28|16|17|33.403|-1|21|21|06.41|0.986593056|+1|12|03.9

2026|Nov|29|16|21|50.707|-1|21|31|20.95|0.986427319|+1|11|43.1

2026|Nov|30|16|26|08.709|-1|21|41|11.02|0.986266240|+1|11|21.7

2026|Dec|01|16|30|27.392|-1|21|50|36.31|0.986109537|+1|10|59.5

2026|Dec|02|16|34|46.736|-1|21|59|36.52|0.985956941|+1|10|36.7

2026|Dec|03|16|39|06.720|-1|22|08|11.36|0.985808213|+1|10|13.3

2026|Dec|04|16|43|27.320|-1|22|16|20.56|0.985663154|+1|9|49.3

2026|Dec|05|16|47|48.510|-1|22|24|03.86|0.985521601|+1|9|24.6

2026|Dec|06|16|52|10.264|-1|22|31|21.01|0.985383439|+1|8|59.4

2026|Dec|07|16|56|32.551|-1|22|38|11.78|0.985248592|+1|8|33.7

2026|Dec|08|17|00|55.340|-1|22|44|35.95|0.985117030|+1|8|07.5

2026|Dec|09|17|05|18.599|-1|22|50|33.30|0.984988762|+1|7|40.8

2026|Dec|10|17|09|42.294|-1|22|56|03.64|0.984863838|+1|7|13.7

2026|Dec|11|17|14|06.392|-1|23|01|06.79|0.984742347|+1|6|46.1

2026|Dec|12|17|18|30.857|-1|23|05|42.58|0.984624409|+1|6|18.2

2026|Dec|13|17|22|55.655|-1|23|09|50.84|0.984510179|+1|5|50.0

2026|Dec|14|17|27|20.752|-1|23|13|31.45|0.984399842|+1|5|21.4

2026|Dec|15|17|31|46.113|-1|23|16|44.27|0.984293608|+1|4|52.6

2026|Dec|16|17|36|11.704|-1|23|19|29.19|0.984191718|+1|4|23.6

2026|Dec|17|17|40|37.491|-1|23|21|46.13|0.984094440|+1|3|54.4

2026|Dec|18|17|45|03.442|-1|23|23|35.01|0.984002070|+1|3|25.0

2026|Dec|19|17|49|29.526|-1|23|24|55.77|0.983914926|+1|2|55.4

2026|Dec|20|17|53|55.710|-1|23|25|48.37|0.983833343|+1|2|25.8

2026|Dec|21|17|58|21.964|-1|23|26|12.80|0.983757654|+1|1|56.1

2026|Dec|22|18|02|48.258|-1|23|26|09.05|0.983688164|+1|1|26.4

2026|Dec|23|18|07|14.561|-1|23|25|37.13|0.983625119|+1|0|56.7

2026|Dec|24|18|11|40.842|-1|23|24|37.05|0.983568669|+1|0|26.9

2026|Dec|25|18|16|07.071|-1|23|23|08.82|0.983518850|-1|0|02.7

2026|Dec|26|18|20|33.215|-1|23|21|12.46|0.983475574|-1|0|32.3

2026|Dec|27|18|24|59.247|-1|23|18|47.99|0.983438648|-1|1|01.8

2026|Dec|28|18|29|25.136|-1|23|15|55.43|0.983407805|-1|1|31.1

2026|Dec|29|18|33|50.854|-1|23|12|34.86|0.983382741|-1|2|00.3

2026|Dec|30|18|38|16.372|-1|23|08|46.34|0.983363142|-1|2|29.2

2026|Dec|31|18|42|41.658|-1|23|04|29.97|0.983348708|-1|2|58.0

2027|Jan|01|18|47|06.680|-1|22|59|45.87|0.983339163|-1|3|26.4

2027|Jan|02|18|51|31.407|-1|22|54|34.19|0.983334263|-1|3|54.6

2027|Jan|03|18|55|55.805|-1|22|48|55.07|0.983333797|-1|4|22.4

2027|Jan|04|19|00|19.842|-1|22|42|48.70|0.983337586|-1|4|49.9

2027|Jan|05|19|04|43.484|-1|22|36|15.25|0.983345486|-1|5|17.0

2027|Jan|06|19|09|06.698|-1|22|29|14.92|0.983357386|-1|5|43.7

2027|Jan|07|19|13|29.451|-1|22|21|47.93|0.983373209|-1|6|09.8

2027|Jan|08|19|17|51.714|-1|22|13|54.51|0.983392916|-1|6|35.5

2027|Jan|09|19|22|13.455|-1|22|05|34.89|0.983416501|-1|7|00.7

2027|Jan|10|19|26|34.645|-1|21|56|49.33|0.983443999|-1|7|25.4

2027|Jan|11|19|30|55.256|-1|21|47|38.08|0.983475479|-1|7|49.4

2027|Jan|12|19|35|15.265|-1|21|38|01.42|0.983511050|-1|8|12.9

2027|Jan|13|19|39|34.645|-1|21|27|59.63|0.983550855|-1|8|35.7

2027|Jan|14|19|43|53.376|-1|21|17|33.01|0.983595077|-1|8|57.9

2027|Jan|15|19|48|11.437|-1|21|06|41.87|0.983643933|-1|9|19.4

2027|Jan|16|19|52|28.810|-1|20|55|26.51|0.983697675|-1|9|40.2

2027|Jan|17|19|56|45.478|-1|20|43|47.28|0.983756588|-1|10|00.3

2027|Jan|18|20|01|01.427|-1|20|31|44.50|0.983820977|-1|10|19.7

2027|Jan|19|20|05|16.643|-1|20|19|18.52|0.983891150|-1|10|38.4

2027|Jan|20|20|09|31.113|-1|20|06|29.69|0.983967392|-1|10|56.3

2027|Jan|21|20|13|44.826|-1|19|53|18.34|0.984049932|-1|11|13.4

2027|Jan|22|20|17|57.772|-1|19|39|44.81|0.984138906|-1|11|29.8

2027|Jan|23|20|22|09.944|-1|19|25|49.43|0.984234337|-1|11|45.4

2027|Jan|24|20|26|21.338|-1|19|11|32.51|0.984336126|-1|12|00.2

2027|Jan|25|20|30|31.952|-1|18|56|54.39|0.984444068|-1|12|14.3

2027|Jan|26|20|34|41.783|-1|18|41|55.40|0.984557884|-1|12|27.6

2027|Jan|27|20|38|50.831|-1|18|26|35.90|0.984677251|-1|12|40.1

2027|Jan|28|20|42|59.093|-1|18|10|56.26|0.984801829|-1|12|51.8

2027|Jan|29|20|47|06.566|-1|17|54|56.86|0.984931289|-1|13|02.7

2027|Jan|30|20|51|13.247|-1|17|38|38.11|0.985065314|-1|13|12.8

2027|Jan|31|20|55|19.132|-1|17|22|00.41|0.985203614|-1|13|22.2

2027|Feb|01|20|59|24.219|-1|17|05|04.16|0.985345922|-1|13|30.7

2027|Feb|02|21|03|28.505|-1|16|47|49.78|0.985491994|-1|13|38.4

2027|Feb|03|21|07|31.987|-1|16|30|17.70|0.985641614|-1|13|45.3

2027|Feb|04|21|11|34.664|-1|16|12|28.33|0.985794591|-1|13|51.4

2027|Feb|05|21|15|36.535|-1|15|54|22.10|0.985950762|-1|13|56.8

2027|Feb|06|21|19|37.600|-1|15|35|59.45|0.986109998|-1|14|01.3

2027|Feb|07|21|23|37.861|-1|15|17|20.80|0.986272206|-1|14|05.0

2027|Feb|08|21|27|37.320|-1|14|58|26.59|0.986437333|-1|14|07.9

2027|Feb|09|21|31|35.982|-1|14|39|17.24|0.986605370|-1|14|10.0

2027|Feb|10|21|35|33.851|-1|14|19|53.19|0.986776353|-1|14|11.3

2027|Feb|11|21|39|30.934|-1|14|00|14.87|0.986950367|-1|14|11.8

2027|Feb|12|21|43|27.239|-1|13|40|22.73|0.987127543|-1|14|11.6

2027|Feb|13|21|47|22.774|-1|13|20|17.18|0.987308059|-1|14|10.6

2027|Feb|14|21|51|17.550|-1|12|59|58.67|0.987492133|-1|14|08.8

2027|Feb|15|21|55|11.576|-1|12|39|27.62|0.987680019|-1|14|06.3

2027|Feb|16|21|59|04.864|-1|12|18|44.46|0.987871993|-1|14|03.0

2027|Feb|17|22|02|57.425|-1|11|57|49.62|0.988068333|-1|13|59.0

2027|Feb|18|22|06|49.273|-1|11|36|43.50|0.988269294|-1|13|54.3

2027|Feb|19|22|10|40.421|-1|11|15|26.49|0.988475077|-1|13|48.9

2027|Feb|20|22|14|30.887|-1|10|53|58.98|0.988685797|-1|13|42.8

2027|Feb|21|22|18|20.691|-1|10|32|21.34|0.988901467|-1|13|36.0

2027|Feb|22|22|22|09.855|-1|10|10|33.90|0.989121988|-1|13|28.6

2027|Feb|23|22|25|58.399|-1|9|48|37.06|0.989347165|-1|13|20.6

2027|Feb|24|22|29|46.346|-1|9|26|31.16|0.989576728|-1|13|12.0

2027|Feb|25|22|33|33.716|-1|9|04|16.60|0.989810360|-1|13|02.9

2027|Feb|26|22|37|20.527|-1|8|41|53.77|0.990047724|-1|12|53.1

2027|Feb|27|22|41|06.798|-1|8|19|23.07|0.990288476|-1|12|42.8

2027|Feb|28|22|44|52.545|-1|7|56|44.89|0.990532280|-1|12|32.0

2027|Mar|01|22|48|37.785|-1|7|33|59.65|0.990778815|-1|12|20.7

2027|Mar|02|22|52|22.534|-1|7|11|07.76|0.991027772|-1|12|08.9

2027|Mar|03|22|56|06.808|-1|6|48|09.62|0.991278859|-1|11|56.6

2027|Mar|04|22|59|50.624|-1|6|25|05.65|0.991531803|-1|11|43.9

2027|Mar|05|23|03|33.998|-1|6|01|56.26|0.991786347|-1|11|30.7

2027|Mar|06|23|07|16.946|-1|5|38|41.85|0.992042257|-1|11|17.1

2027|Mar|07|23|10|59.486|-1|5|15|22.83|0.992299330|-1|11|03.1

2027|Mar|08|23|14|41.634|-1|4|51|59.62|0.992557397|-1|10|48.7

2027|Mar|09|23|18|23.408|-1|4|28|32.61|0.992816333|-1|10|33.9

2027|Mar|10|23|22|04.825|-1|4|05|02.21|0.993076067|-1|10|18.8

2027|Mar|11|23|25|45.904|-1|3|41|28.82|0.993336582|-1|10|03.3

2027|Mar|12|23|29|26.663|-1|3|17|52.84|0.993597924|-1|9|47.5

2027|Mar|13|23|33|07.118|-1|2|54|14.68|0.993860198|-1|9|31.4

2027|Mar|14|23|36|47.289|-1|2|30|34.71|0.994123565|-1|9|15.0

2027|Mar|15|23|40|27.192|-1|2|06|53.34|0.994388232|-1|8|58.4

2027|Mar|16|23|44|06.846|-1|1|43|10.96|0.994654442|-1|8|41.4

2027|Mar|17|23|47|46.268|-1|1|19|27.93|0.994922457|-1|8|24.3

2027|Mar|18|23|51|25.478|-1|0|55|44.63|0.995192534|-1|8|07.0

2027|Mar|19|23|55|04.498|-1|0|32|01.41|0.995464905|-1|7|49.4

2027|Mar|20|23|58|43.350|-1|0|08|18.60|0.995739747|-1|7|31.7

2027|Mar|21|0|02|22.061|+1|0|15|23.46|0.996017161|-1|7|13.9

2027|Mar|22|0|06|00.655|+1|0|39|04.47|0.996297159|-1|6|55.9

2027|Mar|23|0|09|39.161|+1|1|02|44.11|0.996579662|-1|6|37.9

2027|Mar|24|0|13|17.604|+1|1|26|22.07|0.996864504|-1|6|19.8

2027|Mar|25|0|16|56.009|+1|1|49|58.00|0.997151453|-1|6|01.6

2027|Mar|26|0|20|34.398|+1|2|13|31.59|0.997440228|-1|5|43.5

2027|Mar|27|0|24|12.794|+1|2|37|02.47|0.997730521|-1|5|25.3

2027|Mar|28|0|27|51.216|+1|3|00|30.31|0.998022007|-1|5|07.2

2027|Mar|29|0|31|29.686|+1|3|23|54.74|0.998314362|-1|4|49.1

2027|Mar|30|0|35|08.221|+1|3|47|15.40|0.998607259|-1|4|31.1

2027|Mar|31|0|38|46.841|+1|4|10|31.94|0.998900378|-1|4|13.1

2027|Apr|01|0|42|25.564|+1|4|33|43.98|0.999193404|-1|3|55.3

2027|Apr|02|0|46|04.409|+1|4|56|51.17|0.999486032|-1|3|37.6

2027|Apr|03|0|49|43.393|+1|5|19|53.14|0.999777962|-1|3|20.0

2027|Apr|04|0|53|22.533|+1|5|42|49.52|1.000068915|-1|3|02.6

2027|Apr|05|0|57|01.848|+1|6|05|39.95|1.000358631|-1|2|45.4

2027|Apr|06|1|00|41.353|+1|6|28|24.06|1.000646887|-1|2|28.3

2027|Apr|07|1|04|21.065|+1|6|51|01.49|1.000933508|-1|2|11.5

2027|Apr|08|1|08|01.000|+1|7|13|31.88|1.001218377|-1|1|54.9

2027|Apr|09|1|11|41.172|+1|7|35|54.86|1.001501451|-1|1|38.5

2027|Apr|10|1|15|21.594|+1|7|58|10.07|1.001782761|-1|1|22.4

2027|Apr|11|1|19|02.279|+1|8|20|17.15|1.002062413|-1|1|06.5

2027|Apr|12|1|22|43.239|+1|8|42|15.73|1.002340579|-1|0|50.9

2027|Apr|13|1|26|24.487|+1|9|04|05.47|1.002617481|-1|0|35.6

2027|Apr|14|1|30|06.034|+1|9|25|46.01|1.002893373|-1|0|20.6

2027|Apr|15|1|33|47.895|+1|9|47|17.01|1.003168522|-1|0|05.9

2027|Apr|16|1|37|30.087|+1|10|08|38.15|1.003443181|+1|0|08.5

2027|Apr|17|1|41|12.627|+1|10|29|49.11|1.003717571|+1|0|22.5

2027|Apr|18|1|44|55.534|+1|10|50|49.59|1.003991862|+1|0|36.1

2027|Apr|19|1|48|38.828|+1|11|11|39.29|1.004266158|+1|0|49.4

2027|Apr|20|1|52|22.527|+1|11|32|17.91|1.004540488|+1|1|02.2

2027|Apr|21|1|56|06.652|+1|11|52|45.17|1.004814804|+1|1|14.7

2027|Apr|22|1|59|51.217|+1|12|13|00.76|1.005088992|+1|1|26.7

2027|Apr|23|2|03|36.240|+1|12|33|04.36|1.005362876|+1|1|38.2

2027|Apr|24|2|07|21.735|+1|12|52|55.68|1.005636235|+1|1|49.3

2027|Apr|25|2|11|07.713|+1|13|12|34.37|1.005908815|+1|1|59.8

2027|Apr|26|2|14|54.188|+1|13|32|00.13|1.006180339|+1|2|09.9

2027|Apr|27|2|18|41.170|+1|13|51|12.61|1.006450518|+1|2|19.5

2027|Apr|28|2|22|28.670|+1|14|10|11.49|1.006719053|+1|2|28.6

2027|Apr|29|2|26|16.696|+1|14|28|56.43|1.006985639|+1|2|37.1

2027|Apr|30|2|30|05.260|+1|14|47|27.10|1.007249964|+1|2|45.1

2027|May|01|2|33|54.367|+1|15|05|43.16|1.007511717|+1|2|52.5

2027|May|02|2|37|44.026|+1|15|23|44.29|1.007770584|+1|2|59.4

2027|May|03|2|41|34.242|+1|15|41|30.15|1.008026258|+1|3|05.7

2027|May|04|2|45|25.023|+1|15|59|00.42|1.008278448|+1|3|11.5

2027|May|05|2|49|16.370|+1|16|16|14.77|1.008526894|+1|3|16.7

2027|May|06|2|53|08.286|+1|16|33|12.88|1.008771389|+1|3|21.4

2027|May|07|2|57|00.772|+1|16|49|54.43|1.009011792|+1|3|25.4

2027|May|08|3|00|53.824|+1|17|06|19.10|1.009248051|+1|3|28.9

2027|May|09|3|04|47.439|+1|17|22|26.58|1.009480204|+1|3|31.9

2027|May|10|3|08|41.610|+1|17|38|16.55|1.009708381|+1|3|34.3

2027|May|11|3|12|36.335|+1|17|53|48.69|1.009932785|+1|3|36.1

2027|May|12|3|16|31.608|+1|18|09|02.71|1.010153671|+1|3|37.4

2027|May|13|3|20|27.427|+1|18|23|58.30|1.010371321|+1|3|38.1

2027|May|14|3|24|23.792|+1|18|38|35.19|1.010586018|+1|3|38.3

2027|May|15|3|28|20.704|+1|18|52|53.12|1.010798026|+1|3|38.0

2027|May|16|3|32|18.162|+1|19|06|51.83|1.011007574|+1|3|37.1

2027|May|17|3|36|16.169|+1|19|20|31.07|1.011214841|+1|3|35.6

2027|May|18|3|40|14.724|+1|19|33|50.60|1.011419950|+1|3|33.6

2027|May|19|3|44|13.827|+1|19|46|50.19|1.011622962|+1|3|31.1

2027|May|20|3|48|13.474|+1|19|59|29.59|1.011823880|+1|3|28.0

2027|May|21|3|52|13.663|+1|20|11|48.56|1.012022646|+1|3|24.3

2027|May|22|3|56|14.388|+1|20|23|46.88|1.012219155|+1|3|20.2

2027|May|23|4|00|15.643|+1|20|35|24.28|1.012413256|+1|3|15.5

2027|May|24|4|04|17.421|+1|20|46|40.55|1.012604766|+1|3|10.3

2027|May|25|4|08|19.714|+1|20|57|35.42|1.012793470|+1|3|04.5

2027|May|26|4|12|22.512|+1|21|08|08.68|1.012979135|+1|2|58.3

2027|May|27|4|16|25.805|+1|21|18|20.08|1.013161506|+1|2|51.6

2027|May|28|4|20|29.583|+1|21|28|09.40|1.013340314|+1|2|44.3

2027|May|29|4|24|33.834|+1|21|37|36.43|1.013515274|+1|2|36.6

2027|May|30|4|28|38.546|+1|21|46|40.94|1.013686086|+1|2|28.5

2027|May|31|4|32|43.704|+1|21|55|22.73|1.013852439|+1|2|19.9

2027|Jun|01|4|36|49.294|+1|22|03|41.61|1.014014021|+1|2|10.8

2027|Jun|02|4|40|55.298|+1|22|11|37.40|1.014170526|+1|2|01.4

2027|Jun|03|4|45|01.698|+1|22|19|09.91|1.014321674|+1|1|51.5

2027|Jun|04|4|49|08.471|+1|22|26|19.00|1.014467241|+1|1|41.3

2027|Jun|05|4|53|15.593|+1|22|33|04.51|1.014607079|+1|1|30.8

2027|Jun|06|4|57|23.037|+1|22|39|26.28|1.014741140|+1|1|19.9

2027|Jun|07|5|01|30.774|+1|22|45|24.18|1.014869485|+1|1|08.7

2027|Jun|08|5|05|38.778|+1|22|50|58.06|1.014992277|+1|0|57.3

2027|Jun|09|5|09|47.024|+1|22|56|07.80|1.015109760|+1|0|45.6

2027|Jun|10|5|13|55.488|+1|23|00|53.29|1.015222226|+1|0|33.7

2027|Jun|11|5|18|04.150|+1|23|05|14.43|1.015329989|+1|0|21.6

2027|Jun|12|5|22|12.990|+1|23|09|11.13|1.015433360|+1|0|09.3

2027|Jun|13|5|26|21.989|+1|23|12|43.34|1.015532620|-1|0|03.2

2027|Jun|14|5|30|31.127|+1|23|15|50.99|1.015628019|-1|0|15.7

2027|Jun|15|5|34|40.387|+1|23|18|34.04|1.015719759|-1|0|28.4

2027|Jun|16|5|38|49.747|+1|23|20|52.45|1.015807998|-1|0|41.2

2027|Jun|17|5|42|59.188|+1|23|22|46.19|1.015892840|-1|0|54.1

2027|Jun|18|5|47|08.689|+1|23|24|15.22|1.015974344|-1|1|07.1

2027|Jun|19|5|51|18.229|+1|23|25|19.52|1.016052521|-1|1|20.0

2027|Jun|20|5|55|27.787|+1|23|25|59.08|1.016127337|-1|1|33.0

2027|Jun|21|5|59|37.342|+1|23|26|13.87|1.016198716|-1|1|46.0

2027|Jun|22|6|03|46.873|+1|23|26|03.89|1.016266549|-1|1|59.0

2027|Jun|23|6|07|56.358|+1|23|25|29.13|1.016330692|-1|2|11.9

2027|Jun|24|6|12|05.777|+1|23|24|29.60|1.016390974|-1|2|24.8

2027|Jun|25|6|16|15.109|+1|23|23|05.33|1.016447194|-1|2|37.6

2027|Jun|26|6|20|24.333|+1|23|21|16.33|1.016499129|-1|2|50.2

2027|Jun|27|6|24|33.428|+1|23|19|02.65|1.016546529|-1|3|02.8

2027|Jun|28|6|28|42.375|+1|23|16|24.34|1.016589120|-1|3|15.2

2027|Jun|29|6|32|51.150|+1|23|13|21.46|1.016626608|-1|3|27.4

2027|Jun|30|6|36|59.732|+1|23|09|54.08|1.016658685|-1|3|39.4

2027|Jul|01|6|41|08.098|+1|23|06|02.32|1.016685045|-1|3|51.2

2027|Jul|02|6|45|16.222|+1|23|01|46.27|1.016705405|-1|4|02.8

2027|Jul|03|6|49|24.077|+1|22|57|06.07|1.016719537|-1|4|14.1

2027|Jul|04|6|53|31.632|+1|22|52|01.85|1.016727298|-1|4|25.1

2027|Jul|05|6|57|38.859|+1|22|46|33.74|1.016728655|-1|4|35.7

2027|Jul|06|7|01|45.731|+1|22|40|41.89|1.016723696|-1|4|46.0

2027|Jul|07|7|05|52.223|+1|22|34|26.45|1.016712615|-1|4|56.0

2027|Jul|08|7|09|58.314|+1|22|27|47.57|1.016695692|-1|5|05.5

2027|Jul|09|7|14|03.985|+1|22|20|45.42|1.016673253|-1|5|14.6

2027|Jul|10|7|18|09.221|+1|22|13|20.18|1.016645638|-1|5|23.3

2027|Jul|11|7|22|14.005|+1|22|05|32.04|1.016613182|-1|5|31.5

2027|Jul|12|7|26|18.325|+1|21|57|21.19|1.016576194|-1|5|39.3

2027|Jul|13|7|30|22.167|+1|21|48|47.85|1.016534947|-1|5|46.6

2027|Jul|14|7|34|25.518|+1|21|39|52.20|1.016489679|-1|5|53.4

2027|Jul|15|7|38|28.366|+1|21|30|34.45|1.016440588|-1|5|59.7

2027|Jul|16|7|42|30.700|+1|21|20|54.82|1.016387832|-1|6|05.4

2027|Jul|17|7|46|32.509|+1|21|10|53.50|1.016331529|-1|6|10.7

2027|Jul|18|7|50|33.784|+1|21|00|30.72|1.016271757|-1|6|15.4

2027|Jul|19|7|54|34.518|+1|20|49|46.69|1.016208556|-1|6|19.6

2027|Jul|20|7|58|34.702|+1|20|38|41.61|1.016141926|-1|6|23.2

2027|Jul|21|8|02|34.330|+1|20|27|15.70|1.016071829|-1|6|26.3

2027|Jul|22|8|06|33.398|+1|20|15|29.20|1.015998191|-1|6|28.8

2027|Jul|23|8|10|31.901|+1|20|03|22.32|1.015920902|-1|6|30.7

2027|Jul|24|8|14|29.836|+1|19|50|55.30|1.015839819|-1|6|32.1

2027|Jul|25|8|18|27.200|+1|19|38|08.37|1.015754763|-1|6|32.9

2027|Jul|26|8|22|23.991|+1|19|25|01.79|1.015665521|-1|6|33.2

2027|Jul|27|8|26|20.205|+1|19|11|35.82|1.015571850|-1|6|32.8

2027|Jul|28|8|30|15.842|+1|18|57|50.71|1.015473477|-1|6|31.9

2027|Jul|29|8|34|10.897|+1|18|43|46.76|1.015370107|-1|6|30.4

2027|Jul|30|8|38|05.365|+1|18|29|24.25|1.015261446|-1|6|28.3

2027|Jul|31|8|41|59.240|+1|18|14|43.50|1.015147220|-1|6|25.6

2027|Aug|01|8|45|52.515|+1|17|59|44.81|1.015027211|-1|6|22.3

2027|Aug|02|8|49|45.182|+1|17|44|28.50|1.014901289|-1|6|18.4

2027|Aug|03|8|53|37.235|+1|17|28|54.89|1.014769442|-1|6|13.9

2027|Aug|04|8|57|28.672|+1|17|13|04.28|1.014631778|-1|6|08.8

2027|Aug|05|9|01|19.491|+1|16|56|56.99|1.014488513|-1|6|03.1

2027|Aug|06|9|05|09.696|+1|16|40|33.33|1.014339946|-1|5|56.7

2027|Aug|07|9|08|59.289|+1|16|23|53.61|1.014186419|-1|5|49.8

2027|Aug|08|9|12|48.276|+1|16|06|58.15|1.014028291|-1|5|42.2

2027|Aug|09|9|16|36.661|+1|15|49|47.28|1.013865915|-1|5|34.0

2027|Aug|10|9|20|24.451|+1|15|32|21.29|1.013699620|-1|5|25.3

2027|Aug|11|9|24|11.653|+1|15|14|40.50|1.013529711|-1|5|15.9

2027|Aug|12|9|27|58.274|+1|14|56|45.22|1.013356460|-1|5|06.0

2027|Aug|13|9|31|44.324|+1|14|38|35.75|1.013180110|-1|4|55.5

2027|Aug|14|9|35|29.812|+1|14|20|12.40|1.013000871|-1|4|44.4

2027|Aug|15|9|39|14.749|+1|14|01|35.44|1.012818923|-1|4|32.8

2027|Aug|16|9|42|59.147|+1|13|42|45.19|1.012634411|-1|4|20.6

2027|Aug|17|9|46|43.019|+1|13|23|41.92|1.012447443|-1|4|07.9

2027|Aug|18|9|50|26.378|+1|13|04|25.93|1.012258091|-1|3|54.7

2027|Aug|19|9|54|09.239|+1|12|44|57.50|1.012066386|-1|3|41.1

2027|Aug|20|9|57|51.618|+1|12|25|16.92|1.011872318|-1|3|26.9

2027|Aug|21|10|01|33.532|+1|12|05|24.48|1.011675834|-1|3|12.3

2027|Aug|22|10|05|14.996|+1|11|45|20.47|1.011476839|-1|2|57.2

2027|Aug|23|10|08|56.027|+1|11|25|05.19|1.011275194|-1|2|41.6

2027|Aug|24|10|12|36.641|+1|11|04|38.94|1.011070718|-1|2|25.7

2027|Aug|25|10|16|16.855|+1|10|44|02.03|1.010863190|-1|2|09.4

2027|Aug|26|10|19|56.681|+1|10|23|14.79|1.010652359|-1|1|52.6

2027|Aug|27|10|23|36.134|+1|10|02|17.54|1.010437948|-1|1|35.5

2027|Aug|28|10|27|15.225|+1|9|41|10.64|1.010219678|-1|1|18.0

2027|Aug|29|10|30|53.964|+1|9|19|54.42|1.009997296|-1|1|00.2

2027|Aug|30|10|34|32.362|+1|8|58|29.24|1.009770602|-1|0|42.1

2027|Aug|31|10|38|10.432|+1|8|36|55.46|1.009539487|-1|0|23.6

2027|Sep|01|10|41|48.184|+1|8|15|13.42|1.009303951|-1|0|04.8

2027|Sep|02|10|45|25.634|+1|7|53|23.47|1.009064111|+1|0|14.3

2027|Sep|03|10|49|02.797|+1|7|31|25.95|1.008820186|+1|0|33.7

2027|Sep|04|10|52|39.688|+1|7|09|21.21|1.008572469|+1|0|53.4

2027|Sep|05|10|56|16.323|+1|6|47|09.59|1.008321299|+1|1|13.3

2027|Sep|06|10|59|52.718|+1|6|24|51.43|1.008067036|+1|1|33.4

2027|Sep|07|11|03|28.890|+1|6|02|27.07|1.007810036|+1|1|53.8

2027|Sep|08|11|07|04.856|+1|5|39|56.83|1.007550643|+1|2|14.4

2027|Sep|09|11|10|40.634|+1|5|17|21.04|1.007289182|+1|2|35.2

2027|Sep|10|11|14|16.243|+1|4|54|40.03|1.007025957|+1|2|56.1

2027|Sep|11|11|17|51.702|+1|4|31|54.10|1.006761250|+1|3|17.2

2027|Sep|12|11|21|27.032|+1|4|09|03.58|1.006495320|+1|3|38.5

2027|Sep|13|11|25|02.253|+1|3|46|08.76|1.006228400|+1|3|59.8

2027|Sep|14|11|28|37.389|+1|3|23|09.97|1.005960697|+1|4|21.2

2027|Sep|15|11|32|12.461|+1|3|00|07.50|1.005692384|+1|4|42.7

2027|Sep|16|11|35|47.494|+1|2|37|01.65|1.005423598|+1|5|04.2

2027|Sep|17|11|39|22.511|+1|2|13|52.72|1.005154432|+1|5|25.7

2027|Sep|18|11|42|57.538|+1|1|50|41.01|1.004884931|+1|5|47.2

2027|Sep|19|11|46|32.597|+1|1|27|26.82|1.004615089|+1|6|08.7

2027|Sep|20|11|50|07.714|+1|1|04|10.47|1.004344845|+1|6|30.2

2027|Sep|21|11|53|42.911|+1|0|40|52.28|1.004074086|+1|6|51.5

2027|Sep|22|11|57|18.212|+1|0|17|32.55|1.003802649|+1|7|12.8

2027|Sep|23|12|00|53.636|-1|0|05|48.35|1.003530327|+1|7|33.9

2027|Sep|24|12|04|29.203|-1|0|29|10.10|1.003256877|+1|7|54.9

2027|Sep|25|12|08|04.933|-1|0|52|32.32|1.002982038|+1|8|15.8

2027|Sep|26|12|11|40.842|-1|1|15|54.66|1.002705548|+1|8|36.4

2027|Sep|27|12|15|16.949|-1|1|39|16.73|1.002427173|+1|8|56.8

2027|Sep|28|12|18|53.272|-1|2|02|38.17|1.002146736|+1|9|17.1

2027|Sep|29|12|22|29.829|-1|2|25|58.59|1.001864140|+1|9|37.1

2027|Sep|30|12|26|06.638|-1|2|49|17.64|1.001579389|+1|9|56.8

2027|Oct|01|12|29|43.716|-1|3|12|34.93|1.001292587|+1|10|16.3

2027|Oct|02|12|33|21.081|-1|3|35|50.08|1.001003930|+1|10|35.5

2027|Oct|03|12|36|58.750|-1|3|59|02.73|1.000713682|+1|10|54.3

2027|Oct|04|12|40|36.739|-1|4|22|12.50|1.000422154|+1|11|12.9

2027|Oct|05|12|44|15.065|-1|4|45|19.02|1.000129680|+1|11|31.1

2027|Oct|06|12|47|53.746|-1|5|08|21.91|0.999836602|+1|11|49.0

2027|Oct|07|12|51|32.798|-1|5|31|20.81|0.999543259|+1|12|06.5

2027|Oct|08|12|55|12.242|-1|5|54|15.36|0.999249980|+1|12|23.6

2027|Oct|09|12|58|52.096|-1|6|17|05.19|0.998957085|+1|12|40.3

2027|Oct|10|13|02|32.380|-1|6|39|49.95|0.998664880|+1|12|56.6

2027|Oct|11|13|06|13.114|-1|7|02|29.28|0.998373658|+1|13|12.4

2027|Oct|12|13|09|54.320|-1|7|25|02.83|0.998083696|+1|13|27.8

2027|Oct|13|13|13|36.019|-1|7|47|30.25|0.997795250|+1|13|42.6

2027|Oct|14|13|17|18.233|-1|8|09|51.19|0.997508546|+1|13|56.9

2027|Oct|15|13|21|00.985|-1|8|32|05.30|0.997223777|+1|14|10.7

2027|Oct|16|13|24|44.298|-1|8|54|12.23|0.996941086|+1|14|24.0

2027|Oct|17|13|28|28.192|-1|9|16|11.64|0.996660561|+1|14|36.6

2027|Oct|18|13|32|12.691|-1|9|38|03.16|0.996382227|+1|14|48.7

2027|Oct|19|13|35|57.813|-1|9|59|46.44|0.996106041|+1|15|00.1

2027|Oct|20|13|39|43.579|-1|10|21|21.10|0.995831894|+1|15|10.9

2027|Oct|21|13|43|30.005|-1|10|42|46.75|0.995559622|+1|15|21.1

2027|Oct|22|13|47|17.106|-1|11|04|02.99|0.995289008|+1|15|30.5

2027|Oct|23|13|51|04.900|-1|11|25|09.42|0.995019805|+1|15|39.3

2027|Oct|24|13|54|53.399|-1|11|46|05.61|0.994751753|+1|15|47.3

2027|Oct|25|13|58|42.618|-1|12|06|51.16|0.994484598|+1|15|54.7

2027|Oct|26|14|02|32.571|-1|12|27|25.63|0.994218118|+1|16|01.3

2027|Oct|27|14|06|23.268|-1|12|47|48.62|0.993952144|+1|16|07.1

2027|Oct|28|14|10|14.722|-1|13|07|59.70|0.993686579|+1|16|12.2

2027|Oct|29|14|14|06.941|-1|13|27|58.45|0.993421409|+1|16|16.6

2027|Oct|30|14|17|59.932|-1|13|47|44.47|0.993156704|+1|16|20.1

2027|Oct|31|14|21|53.703|-1|14|07|17.32|0.992892612|+1|16|22.9

2027|Nov|01|14|25|48.258|-1|14|26|36.58|0.992629342|+1|16|24.9

2027|Nov|02|14|29|43.601|-1|14|45|41.85|0.992367147|+1|16|26.1

2027|Nov|03|14|33|39.739|-1|15|04|32.69|0.992106312|+1|16|26.6

2027|Nov|04|14|37|36.675|-1|15|23|08.70|0.991847135|+1|16|26.2

2027|Nov|05|14|41|34.414|-1|15|41|29.47|0.991589926|+1|16|25.0

2027|Nov|06|14|45|32.963|-1|15|59|34.60|0.991334992|+1|16|23.0

2027|Nov|07|14|49|32.326|-1|16|17|23.67|0.991082642|+1|16|20.2

2027|Nov|08|14|53|32.509|-1|16|34|56.31|0.990833185|+1|16|16.6

2027|Nov|09|14|57|33.517|-1|16|52|12.11|0.990586924|+1|16|12.1

2027|Nov|10|15|01|35.354|-1|17|09|10.68|0.990344156|+1|16|06.8

2027|Nov|11|15|05|38.028|-1|17|25|51.66|0.990105169|+1|16|00.7

2027|Nov|12|15|09|41.542|-1|17|42|14.66|0.989870227|+1|15|53.7

2027|Nov|13|15|13|45.901|-1|17|58|19.32|0.989639561|+1|15|45.9

2027|Nov|14|15|17|51.108|-1|18|14|05.26|0.989413352|+1|15|37.3

2027|Nov|15|15|21|57.167|-1|18|29|32.13|0.989191715|+1|15|27.8

2027|Nov|16|15|26|04.077|-1|18|44|39.55|0.988974687|+1|15|17.4

2027|Nov|17|15|30|11.838|-1|18|59|27.14|0.988762223|+1|15|06.2

2027|Nov|18|15|34|20.447|-1|19|13|54.52|0.988554198|+1|14|54.2

2027|Nov|19|15|38|29.898|-1|19|28|01.30|0.988350417|+1|14|41.3

2027|Nov|20|15|42|40.188|-1|19|41|47.09|0.988150634|+1|14|27.6

2027|Nov|21|15|46|51.309|-1|19|55|11.50|0.987954579|+1|14|13.0

2027|Nov|22|15|51|03.253|-1|20|08|14.16|0.987761971|+1|13|57.6

2027|Nov|23|15|55|16.011|-1|20|20|54.69|0.987572548|+1|13|41.4

2027|Nov|24|15|59|29.570|-1|20|33|12.73|0.987386078|+1|13|24.4

2027|Nov|25|16|03|43.916|-1|20|45|07.93|0.987202383|+1|13|06.6

2027|Nov|26|16|07|59.033|-1|20|56|39.94|0.987021341|+1|12|48.0

2027|Nov|27|16|12|14.899|-1|21|07|48.44|0.986842899|+1|12|28.7

2027|Nov|28|16|16|31.495|-1|21|18|33.09|0.986667071|+1|12|08.7

2027|Nov|29|16|20|48.796|-1|21|28|53.58|0.986493933|+1|11|48.0

2027|Nov|30|16|25|06.779|-1|21|38|49.59|0.986323617|+1|11|26.5

2027|Dec|01|16|29|25.418|-1|21|48|20.82|0.986156296|+1|11|04.5

2027|Dec|02|16|33|44.689|-1|21|57|26.98|0.985992177|+1|10|41.8

2027|Dec|03|16|38|04.567|-1|22|06|07.79|0.985831493|+1|10|18.4

2027|Dec|04|16|42|25.027|-1|22|14|22.98|0.985674491|+1|9|54.5

2027|Dec|05|16|46|46.044|-1|22|22|12.31|0.985521431|+1|9|30.1

2027|Dec|06|16|51|07.593|-1|22|29|35.53|0.985372583|+1|9|05.1

2027|Dec|07|16|55|29.648|-1|22|36|32.41|0.985228227|+1|8|39.6

2027|Dec|08|16|59|52.184|-1|22|43|02.75|0.985088651|+1|8|13.6

2027|Dec|09|17|04|15.176|-1|22|49|06.34|0.984954147|+1|7|47.2

2027|Dec|10|17|08|38.597|-1|22|54|43.01|0.984825007|+1|7|20.3

2027|Dec|11|17|13|02.424|-1|22|59|52.59|0.984701513|+1|6|53.0

2027|Dec|12|17|17|26.628|-1|23|04|34.92|0.984583915|+1|6|25.4

2027|Dec|13|17|21|51.184|-1|23|08|49.86|0.984472417|+1|5|57.4

2027|Dec|14|17|26|16.063|-1|23|12|37.28|0.984367145|+1|5|29.1

2027|Dec|15|17|30|41.237|-1|23|15|57.04|0.984268137|+1|5|00.5

2027|Dec|16|17|35|06.677|-1|23|18|49.02|0.984175326|+1|4|31.6

2027|Dec|17|17|39|32.352|-1|23|21|13.08|0.984088553|+1|4|02.5

2027|Dec|18|17|43|58.235|-1|23|23|09.11|0.984007577|+1|3|33.2

2027|Dec|19|17|48|24.295|-1|23|24|37.02|0.983932107|+1|3|03.6

2027|Dec|20|17|52|50.502|-1|23|25|36.72|0.983861830|+1|2|34.0

2027|Dec|21|17|57|16.823|-1|23|26|08.18|0.983796431|+1|2|04.2

2027|Dec|22|18|01|43.226|-1|23|26|11.34|0.983735617|+1|1|34.4

2027|Dec|23|18|06|09.674|-1|23|25|46.21|0.983679129|+1|1|04.5

2027|Dec|24|18|10|36.131|-1|23|24|52.79|0.983626755|+1|0|34.6

2027|Dec|25|18|15|02.558|-1|23|23|31.10|0.983578329|+1|0|04.7

2027|Dec|26|18|19|28.917|-1|23|21|41.18|0.983533741|-1|0|25.1

2027|Dec|27|18|23|55.167|-1|23|19|23.08|0.983492931|-1|0|54.8

2027|Dec|28|18|28|21.269|-1|23|16|36.89|0.983455894|-1|1|24.3

2027|Dec|29|18|32|47.186|-1|23|13|22.66|0.983422667|-1|1|53.7

2027|Dec|30|18|37|12.879|-1|23|09|40.51|0.983393332|-1|2|22.8

2027|Dec|31|18|41|38.313|-1|23|05|30.55|0.983368004|-1|2|51.7

2028|Jan|01|18|46|03.453|-1|23|00|52.89|0.983346829|-1|3|20.2

2028|Jan|02|18|50|28.266|-1|22|55|47.69|0.983329976|-1|3|48.5

2028|Jan|03|18|54|52.719|-1|22|50|15.10|0.983317636|-1|4|16.4

2028|Jan|04|18|59|16.783|-1|22|44|15.28|0.983310020|-1|4|43.9

2028|Jan|05|19|03|40.427|-1|22|37|48.43|0.983307359|-1|5|11.0

2028|Jan|06|19|08|03.625|-1|22|30|54.75|0.983309902|-1|5|37.7

2028|Jan|07|19|12|26.349|-1|22|23|34.45|0.983317915|-1|6|03.8

2028|Jan|08|19|16|48.574|-1|22|15|47.74|0.983331674|-1|6|29.5

2028|Jan|09|19|21|10.277|-1|22|07|34.88|0.983351457|-1|6|54.6

2028|Jan|10|19|25|31.434|-1|21|58|56.10|0.983377520|-1|7|19.2

2028|Jan|11|19|29|52.023|-1|21|49|51.65|0.983410071|-1|7|43.2

2028|Jan|12|19|34|12.024|-1|21|40|21.79|0.983449241|-1|8|06.7

2028|Jan|13|19|38|31.418|-1|21|30|26.74|0.983495059|-1|8|29.5

2028|Jan|14|19|42|50.188|-1|21|20|06.77|0.983547436|-1|8|51.7

2028|Jan|15|19|47|08.320|-1|21|09|22.12|0.983606175|-1|9|13.3

2028|Jan|16|19|51|25.800|-1|20|58|13.06|0.983670993|-1|9|34.2

2028|Jan|17|19|55|42.617|-1|20|46|39.88|0.983741552|-1|9|54.5

2028|Jan|18|19|59|58.756|-1|20|34|42.87|0.983817493|-1|10|14.1

2028|Jan|19|20|04|14.203|-1|20|22|22.38|0.983898463|-1|10|33.0

2028|Jan|20|20|08|28.943|-1|20|09|38.74|0.983984129|-1|10|51.1

2028|Jan|21|20|12|42.961|-1|19|56|32.30|0.984074194|-1|11|08.6

2028|Jan|22|20|16|56.241|-1|19|43|03.43|0.984168400|-1|11|25.3

2028|Jan|23|20|21|08.767|-1|19|29|12.50|0.984266527|-1|11|41.3

2028|Jan|24|20|25|20.526|-1|19|14|59.90|0.984368400|-1|11|56.5

2028|Jan|25|20|29|31.505|-1|19|00|26.00|0.984473885|-1|12|10.9

2028|Jan|26|20|33|41.691|-1|18|45|31.19|0.984582891|-1|12|24.5

2028|Jan|27|20|37|51.074|-1|18|30|15.88|0.984695366|-1|12|37.4

2028|Jan|28|20|41|59.646|-1|18|14|40.45|0.984811297|-1|12|49.4

2028|Jan|29|20|46|07.399|-1|17|58|45.32|0.984930709|-1|13|00.6

2028|Jan|30|20|50|14.328|-1|17|42|30.89|0.985053660|-1|13|11.0

2028|Jan|31|20|54|20.430|-1|17|25|57.56|0.985180238|-1|13|20.5

2028|Feb|01|20|58|25.702|-1|17|09|05.74|0.985310564|-1|13|29.2

2028|Feb|02|21|02|30.143|-1|16|51|55.87|0.985444787|-1|13|37.1

2028|Feb|03|21|06|33.754|-1|16|34|28.34|0.985583083|-1|13|44.2

2028|Feb|04|21|10|36.537|-1|16|16|43.59|0.985725658|-1|13|50.4

2028|Feb|05|21|14|38.493|-1|15|58|42.03|0.985872747|-1|13|55.8

2028|Feb|06|21|18|39.628|-1|15|40|24.08|0.986024602|-1|14|00.4

2028|Feb|07|21|22|39.945|-1|15|21|50.15|0.986181488|-1|14|04.1

2028|Feb|08|21|26|39.450|-1|15|03|00.67|0.986343653|-1|14|07.1

2028|Feb|09|21|30|38.152|-1|14|43|56.02|0.986511306|-1|14|09.2

2028|Feb|10|21|34|36.060|-1|14|24|36.59|0.986684578|-1|14|10.6

2028|Feb|11|21|38|33.186|-1|14|05|02.75|0.986863491|-1|14|11.1

2028|Feb|12|21|42|29.547|-1|13|45|14.88|0.987047946|-1|14|10.9

2028|Feb|13|21|46|25.158|-1|13|25|13.33|0.987237727|-1|14|10.0

2028|Feb|14|21|50|20.036|-1|13|04|58.50|0.987432529|-1|14|08.3

2028|Feb|15|21|54|14.197|-1|12|44|30.76|0.987631989|-1|14|05.9

2028|Feb|16|21|58|07.653|-1|12|23|50.54|0.987835721|-1|14|02.8

2028|Feb|17|22|02|00.418|-1|12|02|58.25|0.988043345|-1|13|59.0

2028|Feb|18|22|05|52.502|-1|11|41|54.32|0.988254499|-1|13|54.6

2028|Feb|19|22|09|43.917|-1|11|20|39.18|0.988468851|-1|13|49.4

2028|Feb|20|22|13|34.674|-1|10|59|13.25|0.988686100|-1|13|43.6

2028|Feb|21|22|17|24.783|-1|10|37|36.96|0.988905981|-1|13|37.2

2028|Feb|22|22|21|14.257|-1|10|15|50.75|0.989128261|-1|13|30.1

2028|Feb|23|22|25|03.108|-1|9|53|55.05|0.989352741|-1|13|22.4

2028|Feb|24|22|28|51.348|-1|9|31|50.28|0.989579257|-1|13|14.1

2028|Feb|25|22|32|38.992|-1|9|09|36.86|0.989807682|-1|13|05.2

2028|Feb|26|22|36|26.053|-1|8|47|15.21|0.990037923|-1|12|55.7

2028|Feb|27|22|40|12.547|-1|8|24|45.77|0.990269928|-1|12|45.6

2028|Feb|28|22|43|58.489|-1|8|02|08.94|0.990503683|-1|12|35.0

2028|Feb|29|22|47|43.895|-1|7|39|25.14|0.990739211|-1|12|23.9

2028|Mar|01|22|51|28.781|-1|7|16|34.79|0.990976575|-1|12|12.2

2028|Mar|02|22|55|13.165|-1|6|53|38.29|0.991215877|-1|12|00.0

2028|Mar|03|22|58|57.062|-1|6|30|36.06|0.991457257|-1|11|47.4

2028|Mar|04|23|02|40.490|-1|6|07|28.50|0.991700893|-1|11|34.3

2028|Mar|05|23|06|23.466|-1|5|44|16.01|0.991946997|-1|11|20.7

2028|Mar|06|23|10|06.008|-1|5|20|58.98|0.992195809|-1|11|06.7

2028|Mar|07|23|13|48.133|-1|4|57|37.81|0.992447583|-1|10|52.2

2028|Mar|08|23|17|29.862|-1|4|34|12.86|0.992702564|-1|10|37.4

2028|Mar|09|23|21|11.216|-1|4|10|44.49|0.992960957|-1|10|22.2

2028|Mar|10|23|24|52.220|-1|3|47|13.05|0.993222895|-1|10|06.6

2028|Mar|11|23|28|32.900|-1|3|23|38.86|0.993488404|-1|9|50.8

2028|Mar|12|23|32|13.284|-1|3|00|02.25|0.993757392|-1|9|34.6

2028|Mar|13|23|35|53.399|-1|2|36|23.54|0.994029655|-1|9|18.2

2028|Mar|14|23|39|33.270|-1|2|12|43.09|0.994304898|-1|9|01.5

2028|Mar|15|23|43|12.921|-1|1|49|01.23|0.994582769|-1|8|44.6

2028|Mar|16|23|46|52.374|-1|1|25|18.35|0.994862888|-1|8|27.5

2028|Mar|17|23|50|31.647|-1|1|01|34.81|0.995144874|-1|8|10.2

2028|Mar|18|23|54|10.762|-1|0|37|51.00|0.995428357|-1|7|52.8

2028|Mar|19|23|57|49.736|-1|0|14|07.30|0.995712991|-1|7|35.2

2028|Mar|20|0|01|28.589|+1|0|09|35.93|0.995998453|-1|7|17.5

2028|Mar|21|0|05|07.339|+1|0|33|18.28|0.996284446|-1|6|59.7

2028|Mar|22|0|08|46.005|+1|0|56|59.39|0.996570700|-1|6|41.8

2028|Mar|23|0|12|24.605|+1|1|20|38.87|0.996856969|-1|6|23.8

2028|Mar|24|0|16|03.159|+1|1|44|16.35|0.997143038|-1|6|05.8

2028|Mar|25|0|19|41.683|+1|2|07|51.46|0.997428723|-1|5|47.8

2028|Mar|26|0|23|20.197|+1|2|31|23.81|0.997713874|-1|5|29.8

2028|Mar|27|0|26|58.719|+1|2|54|53.04|0.997998385|-1|5|11.8

2028|Mar|28|0|30|37.267|+1|3|18|18.78|0.998282189|-1|4|53.8

2028|Mar|29|0|34|15.857|+1|3|41|40.66|0.998565269|-1|4|35.8

2028|Mar|30|0|37|54.506|+1|4|04|58.30|0.998847657|-1|4|17.9

2028|Mar|31|0|41|33.231|+1|4|28|11.35|0.999129432|-1|4|00.1

2028|Apr|01|0|45|12.048|+1|4|51|19.44|0.999410726|-1|3|42.3

2028|Apr|02|0|48|50.971|+1|5|14|22.20|0.999691713|-1|3|24.7

2028|Apr|03|0|52|30.017|+1|5|37|19.28|0.999972609|-1|3|07.2

2028|Apr|04|0|56|09.203|+1|6|00|10.33|1.000253661|-1|2|49.8

2028|Apr|05|0|59|48.546|+1|6|22|55.01|1.000535127|-1|2|32.6

2028|Apr|06|1|03|28.067|+1|6|45|32.98|1.000817254|-1|2|15.6

2028|Apr|07|1|07|07.786|+1|7|08|03.94|1.001100253|-1|1|58.7

2028|Apr|08|1|10|47.729|+1|7|30|27.59|1.001384259|-1|1|42.1

2028|Apr|09|1|14|27.919|+1|7|52|43.63|1.001669315|-1|1|25.8

2028|Apr|10|1|18|08.380|+1|8|14|51.76|1.001955356|-1|1|09.7

2028|Apr|11|1|21|49.134|+1|8|36|51.68|1.002242214|-1|0|53.9

2028|Apr|12|1|25|30.201|+1|8|58|43.08|1.002529639|-1|0|38.4

2028|Apr|13|1|29|11.600|+1|9|20|25.62|1.002817323|-1|0|23.2

2028|Apr|14|1|32|53.348|+1|9|41|58.97|1.003104925|-1|0|08.4

2028|Apr|15|1|36|35.459|+1|10|03|22.78|1.003392095|+1|0|06.0

2028|Apr|16|1|40|17.950|+1|10|24|36.70|1.003678486|+1|0|20.1

2028|Apr|17|1|44|00.834|+1|10|45|40.40|1.003963762|+1|0|33.8

2028|Apr|18|1|47|44.126|+1|11|06|33.51|1.004247601|+1|0|47.0

2028|Apr|19|1|51|27.839|+1|11|27|15.70|1.004529698|+1|0|59.9

2028|Apr|20|1|55|11.986|+1|11|47|46.61|1.004809767|+1|1|12.3

2028|Apr|21|1|58|56.579|+1|12|08|05.90|1.005087538|+1|1|24.2

2028|Apr|22|2|02|41.629|+1|12|28|13.22|1.005362764|+1|1|35.7

2028|Apr|23|2|06|27.148|+1|12|48|08.24|1.005635226|+1|1|46.8

2028|Apr|24|2|10|13.145|+1|13|07|50.60|1.005904739|+1|1|57.3

2028|Apr|25|2|13|59.628|+1|13|27|19.98|1.006171157|+1|2|07.4

2028|Apr|26|2|17|46.604|+1|13|46|36.03|1.006434388|+1|2|17.0

2028|Apr|27|2|21|34.079|+1|14|05|38.42|1.006694394|+1|2|26.0

2028|Apr|28|2|25|22.057|+1|14|24|26.80|1.006951200|+1|2|34.6

2028|Apr|29|2|29|10.543|+1|14|43|00.85|1.007204895|+1|2|42.7

2028|Apr|30|2|32|59.538|+1|15|01|20.23|1.007455625|+1|2|50.3

2028|May|01|2|36|49.048|+1|15|19|24.61|1.007703592|+1|2|57.3

2028|May|02|2|40|39.074|+1|15|37|13.66|1.007949039|+1|3|03.9

2028|May|03|2|44|29.624|+1|15|54|47.08|1.008192238|+1|3|09.9

2028|May|04|2|48|20.704|+1|16|12|04.56|1.008433465|+1|3|15.3

2028|May|05|2|52|12.321|+1|16|29|05.82|1.008672981|+1|3|20.3

2028|May|06|2|56|04.487|+1|16|45|50.57|1.008911005|+1|3|24.6

2028|May|07|2|59|57.209|+1|17|02|18.54|1.009147686|+1|3|28.5

2028|May|08|3|03|50.496|+1|17|18|29.48|1.009383092|+1|3|31.7

2028|May|09|3|07|44.355|+1|17|34|23.10|1.009617196|+1|3|34.4

2028|May|10|3|11|38.791|+1|17|49|59.14|1.009849888|+1|3|36.6

2028|May|11|3|15|33.807|+1|18|05|17.30|1.010080981|+1|3|38.1

2028|May|12|3|19|29.405|+1|18|20|17.30|1.010310235|+1|3|39.1

2028|May|13|3|23|25.585|+1|18|34|58.85|1.010537374|+1|3|39.5

2028|May|14|3|27|22.347|+1|18|49|21.65|1.010762104|+1|3|39.3

2028|May|15|3|31|19.690|+1|19|03|25.41|1.010984123|+1|3|38.5

2028|May|16|3|35|17.610|+1|19|17|09.85|1.011203129|+1|3|37.1

2028|May|17|3|39|16.106|+1|19|30|34.69|1.011418827|+1|3|35.2

2028|May|18|3|43|15.172|+1|19|43|39.65|1.011630923|+1|3|32.6

2028|May|19|3|47|14.804|+1|19|56|24.45|1.011839133|+1|3|29.6

2028|May|20|3|51|14.993|+1|20|08|48.83|1.012043185|+1|3|25.9

2028|May|21|3|55|15.732|+1|20|20|52.54|1.012242816|+1|3|21.7

2028|May|22|3|59|17.011|+1|20|32|35.33|1.012437787|+1|3|17.0

2028|May|23|4|03|18.818|+1|20|43|56.94|1.012627890|+1|3|11.8

2028|May|24|4|07|21.139|+1|20|54|57.14|1.012812960|+1|3|06.0

2028|May|25|4|11|23.959|+1|21|05|35.70|1.012992889|+1|2|59.7

2028|May|26|4|15|27.260|+1|21|15|52.40|1.013167640|+1|2|53.0

2028|May|27|4|19|31.023|+1|21|25|47.00|1.013337249|+1|2|45.8

2028|May|28|4|23|35.228|+1|21|35|19.30|1.013501835|+1|2|38.2

2028|May|29|4|27|39.857|+1|21|44|29.08|1.013661583|+1|2|30.1

2028|May|30|4|31|44.891|+1|21|53|16.14|1.013816741|+1|2|21.6

2028|May|31|4|35|50.316|+1|22|01|40.30|1.013967597|+1|2|12.8

2028|Jun|01|4|39|56.115|+1|22|09|41.39|1.014114457|+1|2|03.5

2028|Jun|02|4|44|02.275|+1|22|17|19.23|1.014257626|+1|1|53.9

2028|Jun|03|4|48|08.784|+1|22|24|33.70|1.014397384|+1|1|43.9

2028|Jun|04|4|52|15.626|+1|22|31|24.65|1.014533962|+1|1|33.7

2028|Jun|05|4|56|22.789|+1|22|37|51.97|1.014667535|+1|1|23.0

2028|Jun|06|5|00|30.256|+1|22|43|55.51|1.014798201|+1|1|12.1

2028|Jun|07|5|04|38.012|+1|22|49|35.17|1.014925984|+1|1|01.0

2028|Jun|08|5|08|46.038|+1|22|54|50.83|1.015050837|+1|0|49.5

2028|Jun|09|5|12|54.318|+1|22|59|42.35|1.015172649|+1|0|37.8

2028|Jun|10|5|17|02.832|+1|23|04|09.64|1.015291258|+1|0|25.8

2028|Jun|11|5|21|11.562|+1|23|08|12.57|1.015406468|+1|0|13.7

2028|Jun|12|5|25|20.488|+1|23|11|51.05|1.015518054|+1|0|01.3

2028|Jun|13|5|29|29.590|+1|23|15|04.99|1.015625779|-1|0|11.3

2028|Jun|14|5|33|38.848|+1|23|17|54.31|1.015729391|-1|0|24.0

2028|Jun|15|5|37|48.240|+1|23|20|18.94|1.015828634|-1|0|36.8

2028|Jun|16|5|41|57.745|+1|23|22|18.82|1.015923248|-1|0|49.8

2028|Jun|17|5|46|07.341|+1|23|23|53.92|1.016012968|-1|1|02.8

2028|Jun|18|5|50|17.003|+1|23|25|04.19|1.016097527|-1|1|15.9

2028|Jun|19|5|54|26.708|+1|23|25|49.63|1.016176664|-1|1|29.1

2028|Jun|20|5|58|36.429|+1|23|26|10.22|1.016250132|-1|1|42.2

2028|Jun|21|6|02|46.140|+1|23|26|05.98|1.016317708|-1|1|55.4

2028|Jun|22|6|06|55.811|+1|23|25|36.92|1.016379217|-1|2|08.5

2028|Jun|23|6|11|05.411|+1|23|24|43.09|1.016434546|-1|2|21.5

2028|Jun|24|6|15|14.910|+1|23|23|24.51|1.016483665|-1|2|34.4

2028|Jun|25|6|19|24.277|+1|23|21|41.23|1.016526640|-1|2|47.3

2028|Jun|26|6|23|33.484|+1|23|19|33.31|1.016563626|-1|2|59.9

2028|Jun|27|6|27|42.503|+1|23|17|00.79|1.016594862|-1|3|12.4

2028|Jun|28|6|31|51.311|+1|23|14|03.77|1.016620648|-1|3|24.6

2028|Jun|29|6|35|59.886|+1|23|10|42.32|1.016641318|-1|3|36.6

2028|Jun|30|6|40|08.208|+1|23|06|56.54|1.016657217|-1|3|48.4

2028|Jul|01|6|44|16.258|+1|23|02|46.55|1.016668677|-1|3|59.9

2028|Jul|02|6|48|24.016|+1|22|58|12.47|1.016675998|-1|4|11.1

2028|Jul|03|6|52|31.465|+1|22|53|14.42|1.016679434|-1|4|22.0

2028|Jul|04|6|56|38.587|+1|22|47|52.52|1.016679184|-1|4|32.6

2028|Jul|05|7|00|45.365|+1|22|42|06.91|1.016675387|-1|4|42.8

2028|Jul|06|7|04|51.781|+1|22|35|57.73|1.016668120|-1|4|52.6

2028|Jul|07|7|08|57.819|+1|22|29|25.10|1.016657401|-1|5|02.1

2028|Jul|08|7|13|03.465|+1|22|22|29.17|1.016643195|-1|5|11.2

2028|Jul|09|7|17|08.705|+1|22|15|10.09|1.016625422|-1|5|19.9

2028|Jul|10|7|21|13.524|+1|22|07|27.99|1.016603963|-1|5|28.1

2028|Jul|11|7|25|17.909|+1|21|59|23.06|1.016578671|-1|5|36.0

2028|Jul|12|7|29|21.849|+1|21|50|55.45|1.016549374|-1|5|43.4

2028|Jul|13|7|33|25.330|+1|21|42|05.35|1.016515883|-1|5|50.3

2028|Jul|14|7|37|28.342|+1|21|32|52.95|1.016477988|-1|5|56.7

2028|Jul|15|7|41|30.873|+1|21|23|18.44|1.016435468|-1|6|02.7

2028|Jul|16|7|45|32.910|+1|21|13|22.05|1.016388085|-1|6|08.2

2028|Jul|17|7|49|34.444|+1|21|03|03.99|1.016335590|-1|6|13.2

2028|Jul|18|7|53|35.460|+1|20|52|24.49|1.016277729|-1|6|17.6

2028|Jul|19|7|57|35.947|+1|20|41|23.81|1.016214250|-1|6|21.6

2028|Jul|20|8|01|35.889|+1|20|30|02.21|1.016144925|-1|6|24.9

2028|Jul|21|8|05|35.274|+1|20|18|19.93|1.016069569|-1|6|27.8

2028|Jul|22|8|09|34.085|+1|20|06|17.27|1.015988068|-1|6|30.0

2028|Jul|23|8|13|32.309|+1|19|53|54.48|1.015900407|-1|6|31.7

2028|Jul|24|8|17|29.933|+1|19|41|11.85|1.015806675|-1|6|32.7

2028|Jul|25|8|21|26.950|+1|19|28|09.63|1.015707070|-1|6|33.2

2028|Jul|26|8|25|23.352|+1|19|14|48.13|1.015601877|-1|6|33.1

2028|Jul|27|8|29|19.136|+1|19|01|07.61|1.015491440|-1|6|32.3

2028|Jul|28|8|33|14.299|+1|18|47|08.36|1.015376135|-1|6|30.9

2028|Jul|29|8|37|08.839|+1|18|32|50.68|1.015256335|-1|6|28.9

2028|Jul|30|8|41|02.756|+1|18|18|14.85|1.015132395|-1|6|26.2

2028|Jul|31|8|44|56.049|+1|18|03|21.15|1.015004637|-1|6|23.0

2028|Aug|01|8|48|48.721|+1|17|48|09.89|1.014873338|-1|6|19.1

2028|Aug|02|8|52|40.773|+1|17|32|41.33|1.014738727|-1|6|14.6

2028|Aug|03|8|56|32.209|+1|17|16|55.75|1.014600987|-1|6|09.4

2028|Aug|04|9|00|23.033|+1|17|00|53.43|1.014460247|-1|6|03.7

2028|Aug|05|9|04|13.251|+1|16|44|34.64|1.014316590|-1|5|57.4

2028|Aug|06|9|08|02.871|+1|16|27|59.65|1.014170054|-1|5|50.4

2028|Aug|07|9|11|51.900|+1|16|11|08.75|1.014020633|-1|5|42.9

2028|Aug|08|9|15|40.347|+1|15|54|02.21|1.013868287|-1|5|34.8

2028|Aug|09|9|19|28.222|+1|15|36|40.31|1.013712938|-1|5|26.1

2028|Aug|10|9|23|15.534|+1|15|19|03.34|1.013554484|-1|5|16.9

2028|Aug|11|9|27|02.294|+1|15|01|11.58|1.013392790|-1|5|07.1

2028|Aug|12|9|30|48.511|+1|14|43|05.34|1.013227701|-1|4|56.8

2028|Aug|13|9|34|34.195|+1|14|24|44.92|1.013059033|-1|4|45.9

2028|Aug|14|9|38|19.357|+1|14|06|10.63|1.012886579|-1|4|34.5

2028|Aug|15|9|42|04.006|+1|13|47|22.78|1.012710111|-1|4|22.6

2028|Aug|16|9|45|48.149|+1|13|28|21.69|1.012529383|-1|4|10.2

2028|Aug|17|9|49|31.796|+1|13|09|07.72|1.012344147|-1|3|57.3

2028|Aug|18|9|53|14.951|+1|12|49|41.18|1.012154169|-1|3|43.9

2028|Aug|19|9|56|57.621|+1|12|30|02.44|1.011959260|-1|3|30.0

2028|Aug|20|10|00|39.813|+1|12|10|11.83|1.011759307|-1|3|15.6

2028|Aug|21|10|04|21.535|+1|11|50|09.70|1.011554302|-1|3|00.8

2028|Aug|22|10|08|02.796|+1|11|29|56.39|1.011344356|-1|2|45.5

2028|Aug|23|10|11|43.607|+1|11|09|32.23|1.011129693|-1|2|29.8

2028|Aug|24|10|15|23.981|+1|10|48|57.56|1.010910628|-1|2|13.6

2028|Aug|25|10|19|03.931|+1|10|28|12.73|1.010687534|-1|1|57.0

2028|Aug|26|10|22|43.470|+1|10|07|18.06|1.010460806|-1|1|40.0

2028|Aug|27|10|26|22.611|+1|9|46|13.88|1.010230838|-1|1|22.5

2028|Aug|28|10|30|01.369|+1|9|25|00.52|1.009998001|-1|1|04.7

2028|Aug|29|10|33|39.760|+1|9|03|38.30|1.009762634|-1|0|46.6

2028|Aug|30|10|37|17.800|+1|8|42|07.52|1.009525038|-1|0|28.1

2028|Aug|31|10|40|55.508|+1|8|20|28.49|1.009285476|-1|0|09.2

2028|Sep|01|10|44|32.901|+1|7|58|41.52|1.009044169|+1|0|10.0

2028|Sep|02|10|48|10.000|+1|7|36|46.90|1.008801300|+1|0|29.4

2028|Sep|03|10|51|46.824|+1|7|14|44.93|1.008557009|+1|0|49.1

2028|Sep|04|10|55|23.396|+1|6|52|35.91|1.008311400|+1|1|09.1

2028|Sep|05|10|58|59.737|+1|6|30|20.13|1.008064537|+1|1|29.3

2028|Sep|06|11|02|35.869|+1|6|07|57.88|1.007816444|+1|1|49.7

2028|Sep|07|11|06|11.813|+1|5|45|29.48|1.007567110|+1|2|10.3

2028|Sep|08|11|09|47.592|+1|5|22|55.22|1.007316489|+1|2|31.1

2028|Sep|09|11|13|23.228|+1|5|00|15.41|1.007064499|+1|2|52.0

2028|Sep|10|11|16|58.742|+1|4|37|30.37|1.006811024|+1|3|13.1

2028|Sep|11|11|20|34.154|+1|4|14|40.41|1.006555916|+1|3|34.2

2028|Sep|12|11|24|09.485|+1|3|51|45.87|1.006298991|+1|3|55.4

2028|Sep|13|11|27|44.754|+1|3|28|47.08|1.006040037|+1|4|16.7

2028|Sep|14|11|31|19.978|+1|3|05|44.39|1.005778815|+1|4|38.1

2028|Sep|15|11|34|55.174|+1|2|42|38.14|1.005515080|+1|4|59.4

2028|Sep|16|11|38|30.360|+1|2|19|28.70|1.005248594|+1|5|20.8

2028|Sep|17|11|42|05.552|+1|1|56|16.43|1.004979165|+1|5|42.1

2028|Sep|18|11|45|40.767|+1|1|33|01.68|1.004706676|+1|6|03.5

2028|Sep|19|11|49|16.022|+1|1|09|44.84|1.004431121|+1|6|24.8

2028|Sep|20|11|52|51.334|+1|0|46|26.24|1.004152611|+1|6|46.0

2028|Sep|21|11|56|26.723|+1|0|23|06.25|1.003871373|+1|7|07.2

2028|Sep|22|12|00|02.203|-1|0|00|14.77|1.003587724|+1|7|28.2

2028|Sep|23|12|03|37.792|-1|0|23|36.46|1.003302035|+1|7|49.2

2028|Sep|24|12|07|13.507|-1|0|46|58.46|1.003014703|+1|8|10.1

2028|Sep|25|12|10|49.366|-1|1|10|20.43|1.002726120|+1|8|30.8

2028|Sep|26|12|14|25.388|-1|1|33|42.02|1.002436663|+1|8|51.3

2028|Sep|27|12|18|01.594|-1|1|57|02.89|1.002146679|+1|9|11.6

2028|Sep|28|12|21|38.004|-1|2|20|22.71|1.001856487|+1|9|31.8

2028|Sep|29|12|25|14.641|-1|2|43|41.14|1.001566374|+1|9|51.7

2028|Sep|30|12|28|51.527|-1|3|06|57.85|1.001276598|+1|10|11.4

2028|Oct|01|12|32|28.686|-1|3|30|12.51|1.000987382|+1|10|30.7

2028|Oct|02|12|36|06.141|-1|3|53|24.81|1.000698918|+1|10|49.8

2028|Oct|03|12|39|43.916|-1|4|16|34.40|1.000411362|+1|11|08.6

2028|Oct|04|12|43|22.035|-1|4|39|40.95|1.000124834|+1|11|27.0

2028|Oct|05|12|47|00.523|-1|5|02|44.14|0.999839413|+1|11|45.1

2028|Oct|06|12|50|39.402|-1|5|25|43.63|0.999555137|+1|12|02.8

2028|Oct|07|12|54|18.696|-1|5|48|39.06|0.999272004|+1|12|20.0

2028|Oct|08|12|57|58.427|-1|6|11|30.10|0.998989965|+1|12|36.9

2028|Oct|09|13|01|38.616|-1|6|34|16.39|0.998708931|+1|12|53.2

2028|Oct|10|13|05|19.284|-1|6|56|57.55|0.998428768|+1|13|09.1

2028|Oct|11|13|09|00.450|-1|7|19|33.22|0.998149302|+1|13|24.5

2028|Oct|12|13|12|42.133|-1|7|42|03.01|0.997870321|+1|13|39.4

2028|Oct|13|13|16|24.352|-1|8|04|26.52|0.997591586|+1|13|53.7

2028|Oct|14|13|20|07.122|-1|8|26|43.36|0.997312843|+1|14|07.5

2028|Oct|15|13|23|50.461|-1|8|48|53.13|0.997033850|+1|14|20.7

2028|Oct|16|13|27|34.385|-1|9|10|55.42|0.996754407|+1|14|33.3

2028|Oct|17|13|31|18.910|-1|9|32|49.83|0.996474389|+1|14|45.4

2028|Oct|18|13|35|04.050|-1|9|54|35.96|0.996193771|+1|14|56.8

2028|Oct|19|13|38|49.817|-1|10|16|13.39|0.995912644|+1|15|07.6

2028|Oct|20|13|42|36.222|-1|10|37|41.72|0.995631206|+1|15|17.7

2028|Oct|21|13|46|23.275|-1|10|59|00.55|0.995349739|+1|15|27.2

2028|Oct|22|13|50|10.987|-1|11|20|09.45|0.995068581|+1|15|36.1

2028|Oct|23|13|53|59.367|-1|11|41|08.02|0.994788098|+1|15|44.3

2028|Oct|24|13|57|48.429|-1|12|01|55.86|0.994508659|+1|15|51.7

2028|Oct|25|14|01|38.185|-1|12|22|32.58|0.994230622|+1|15|58.6

2028|Oct|26|14|05|28.648|-1|12|42|57.77|0.993954329|+1|16|04.6

2028|Oct|27|14|09|19.833|-1|13|03|11.06|0.993680098|+1|16|10.0

2028|Oct|28|14|13|11.752|-1|13|23|12.04|0.993408229|+1|16|14.6

2028|Oct|29|14|17|04.421|-1|13|43|00.35|0.993138996|+1|16|18.5

2028|Oct|30|14|20|57.854|-1|14|02|35.58|0.992872650|+1|16|21.6

2028|Oct|31|14|24|52.063|-1|14|21|57.37|0.992609417|+1|16|24.0

2028|Nov|01|14|28|47.064|-1|14|41|05.33|0.992349492|+1|16|25.5

2028|Nov|02|14|32|42.868|-1|14|59|59.07|0.992093032|+1|16|26.3

2028|Nov|03|14|36|39.487|-1|15|18|38.21|0.991840156|+1|16|26.2

2028|Nov|04|14|40|36.933|-1|15|37|02.37|0.991590934|+1|16|25.3

2028|Nov|05|14|44|35.215|-1|15|55|11.15|0.991345384|+1|16|23.6

2028|Nov|06|14|48|34.341|-1|16|13|04.15|0.991103473|+1|16|21.0

2028|Nov|07|14|52|34.319|-1|16|30|40.98|0.990865108|+1|16|17.6

2028|Nov|08|14|56|35.154|-1|16|48|01.22|0.990630148|+1|16|13.3

2028|Nov|09|15|00|36.851|-1|17|05|04.46|0.990398402|+1|16|08.2

2028|Nov|10|15|04|39.414|-1|17|21|50.29|0.990169635|+1|16|02.2

2028|Nov|11|15|08|42.844|-1|17|38|18.28|0.989943589|+1|15|55.3

2028|Nov|12|15|12|47.143|-1|17|54|28.03|0.989719991|+1|15|47.6

2028|Nov|13|15|16|52.311|-1|18|10|19.13|0.989498584|+1|15|39.0

2028|Nov|14|15|20|58.345|-1|18|25|51.16|0.989279152|+1|15|29.5

2028|Nov|15|15|25|05.239|-1|18|41|03.75|0.989061547|+1|15|19.1

2028|Nov|16|15|29|12.984|-1|18|55|56.50|0.988845711|+1|15|07.9

2028|Nov|17|15|33|21.571|-1|19|10|29.00|0.988631688|+1|14|55.9

2028|Nov|18|15|37|30.985|-1|19|24|40.89|0.988419614|+1|14|43.1

2028|Nov|19|15|41|41.213|-1|19|38|31.77|0.988209705|+1|14|29.4

2028|Nov|20|15|45|52.242|-1|19|52|01.26|0.988002231|+1|14|14.9

2028|Nov|21|15|50|04.058|-1|20|05|08.99|0.987797493|+1|13|59.7

2028|Nov|22|15|54|16.648|-1|20|17|54.60|0.987595807|+1|13|43.7

2028|Nov|23|15|58|30.001|-1|20|30|17.74|0.987397487|+1|13|26.9

2028|Nov|24|16|02|44.103|-1|20|42|18.07|0.987202840|+1|13|09.3

2028|Nov|25|16|06|58.942|-1|20|53|55.26|0.987012164|+1|12|51.0

2028|Nov|26|16|11|14.504|-1|21|05|09.00|0.986825743|+1|12|32.0

2028|Nov|27|16|15|30.777|-1|21|15|58.96|0.986643850|+1|12|12.3

2028|Nov|28|16|19|47.744|-1|21|26|24.85|0.986466741|+1|11|51.9

2028|Nov|29|16|24|05.392|-1|21|36|26.37|0.986294655|+1|11|30.8

2028|Nov|30|16|28|23.704|-1|21|46|03.25|0.986127807|+1|11|09.0

2028|Dec|01|16|32|42.663|-1|21|55|15.20|0.985966377|+1|10|46.6

2028|Dec|02|16|37|02.250|-1|22|04|01.97|0.985810505|+1|10|23.6

2028|Dec|03|16|41|22.447|-1|22|12|23.28|0.985660274|+1|10|00.0

2028|Dec|04|16|45|43.232|-1|22|20|18.88|0.985515707|+1|9|35.7

2028|Dec|05|16|50|04.584|-1|22|27|48.51|0.985376757|+1|9|11.0

2028|Dec|06|16|54|26.480|-1|22|34|51.93|0.985243311|+1|8|45.6

2028|Dec|07|16|58|48.896|-1|22|41|28.90|0.985115187|+1|8|19.8

2028|Dec|08|17|03|11.809|-1|22|47|39.17|0.984992150|+1|7|53.4

2028|Dec|09|17|07|35.192|-1|22|53|22.54|0.984873925|+1|7|26.6

2028|Dec|10|17|11|59.020|-1|22|58|38.80|0.984760210|+1|6|59.3

2028|Dec|11|17|16|23.264|-1|23|03|27.77|0.984650701|+1|6|31.6

2028|Dec|12|17|20|47.893|-1|23|07|49.30|0.984545113|+1|6|03.5

2028|Dec|13|17|25|12.874|-1|23|11|43.23|0.984443202|+1|5|35.1

2028|Dec|14|17|29|38.170|-1|23|15|09.43|0.984344785|+1|5|06.4

2028|Dec|15|17|34|03.743|-1|23|18|07.81|0.984249758|+1|4|37.4

2028|Dec|16|17|38|29.553|-1|23|20|38.25|0.984158095|+1|4|08.1

2028|Dec|17|17|42|55.560|-1|23|22|40.67|0.984069853|+1|3|38.7

2028|Dec|18|17|47|21.725|-1|23|24|15.00|0.983985156|+1|3|09.1

2028|Dec|19|17|51|48.008|-1|23|25|21.16|0.983904180|+1|2|39.4

2028|Dec|20|17|56|14.373|-1|23|25|59.12|0.983827136|+1|2|09.6

2028|Dec|21|18|00|40.783|-1|23|26|08.85|0.983754259|+1|1|39.7

2028|Dec|22|18|05|07.205|-1|23|25|50.33|0.983685792|+1|1|09.8

2028|Dec|23|18|09|33.602|-1|23|25|03.58|0.983621985|+1|0|40.0

2028|Dec|24|18|13|59.943|-1|23|23|48.61|0.983563087|+1|0|10.2

2028|Dec|25|18|18|26.193|-1|23|22|05.46|0.983509345|-1|0|19.5

2028|Dec|26|18|22|52.321|-1|23|19|54.18|0.983461005|-1|0|49.1

2028|Dec|27|18|27|18.294|-1|23|17|14.84|0.983418311|-1|1|18.5

2028|Dec|28|18|31|44.082|-1|23|14|07.52|0.983381495|-1|1|47.7

2028|Dec|29|18|36|09.653|-1|23|10|32.32|0.983350776|-1|2|16.7

2028|Dec|30|18|40|34.979|-1|23|06|29.34|0.983326344|-1|2|45.5

2028|Dec|31|18|45|00.028|-1|23|01|58.70|0.983308349|-1|3|14.0

2029|Jan|01|18|49|24.772|-1|22|57|00.51|0.983296880|-1|3|42.1

2029|Jan|02|18|53|49.184|-1|22|51|34.91|0.983291950|-1|4|10.0

2029|Jan|03|18|58|13.237|-1|22|45|42.03|0.983293490|-1|4|37.5

2029|Jan|04|19|02|36.905|-1|22|39|22.02|0.983301345|-1|5|04.6

2029|Jan|05|19|07|00.164|-1|22|32|35.03|0.983315282|-1|5|31.3

2029|Jan|06|19|11|22.992|-1|22|25|21.23|0.983335007|-1|5|57.6

2029|Jan|07|19|15|45.364|-1|22|17|40.83|0.983360186|-1|6|23.4

2029|Jan|08|19|20|07.257|-1|22|09|34.05|0.983390467|-1|6|48.7

2029|Jan|09|19|24|28.645|-1|22|01|01.11|0.983425507|-1|7|13.6

2029|Jan|10|19|28|49.502|-1|21|52|02.30|0.983464984|-1|7|37.9

2029|Jan|11|19|33|09.800|-1|21|42|37.86|0.983508620|-1|8|01.6

2029|Jan|12|19|37|29.513|-1|21|32|48.11|0.983556190|-1|8|24.8

2029|Jan|13|19|41|48.612|-1|21|22|33.32|0.983607533|-1|8|47.3

2029|Jan|14|19|46|07.072|-1|21|11|53.82|0.983662552|-1|9|09.2

2029|Jan|15|19|50|24.867|-1|21|00|49.90|0.983721217|-1|9|30.4

2029|Jan|16|19|54|41.976|-1|20|49|21.90|0.983783554|-1|9|51.0

2029|Jan|17|19|58|58.378|-1|20|37|30.14|0.983849636|-1|10|10.8

2029|Jan|18|20|03|14.054|-1|20|25|14.95|0.983919577|-1|10|29.9

2029|Jan|19|20|07|28.988|-1|20|12|36.68|0.983993516|-1|10|48.3

2029|Jan|20|20|11|43.166|-1|19|59|35.68|0.984071616|-1|11|06.0

2029|Jan|21|20|15|56.575|-1|19|46|12.30|0.984154051|-1|11|22.8

2029|Jan|22|20|20|09.204|-1|19|32|26.92|0.984241009|-1|11|38.9

2029|Jan|23|20|24|21.042|-1|19|18|19.90|0.984332688|-1|11|54.2

2029|Jan|24|20|28|32.082|-1|19|03|51.62|0.984429295|-1|12|08.7

2029|Jan|25|20|32|42.315|-1|18|49|02.45|0.984531045|-1|12|22.3

2029|Jan|26|20|36|51.736|-1|18|33|52.77|0.984638157|-1|12|35.2

2029|Jan|27|20|41|00.341|-1|18|18|22.98|0.984750848|-1|12|47.2

2029|Jan|28|20|45|08.125|-1|18|02|33.45|0.984869312|-1|12|58.4

2029|Jan|29|20|49|15.087|-1|17|46|24.55|0.984993709|-1|13|08.9

2029|Jan|30|20|53|21.228|-1|17|29|56.66|0.985124133|-1|13|18.4

2029|Jan|31|20|57|26.550|-1|17|13|10.14|0.985260597|-1|13|27.2

2029|Feb|01|21|01|31.059|-1|16|56|05.36|0.985403010|-1|13|35.2

2029|Feb|02|21|05|34.760|-1|16|38|42.67|0.985551182|-1|13|42.3

2029|Feb|03|21|09|37.662|-1|16|21|02.45|0.985704831|-1|13|48.7

2029|Feb|04|21|13|39.773|-1|16|03|05.09|0.985863610|-1|13|54.2

2029|Feb|05|21|17|41.099|-1|15|44|50.99|0.986027134|-1|13|59.0

2029|Feb|06|21|21|41.646|-1|15|26|20.57|0.986195009|-1|14|03.0

2029|Feb|07|21|25|41.416|-1|15|07|34.26|0.986366854|-1|14|06.2

2029|Feb|08|21|29|40.413|-1|14|48|32.48|0.986542317|-1|14|08.6

2029|Feb|09|21|33|38.642|-1|14|29|15.68|0.986721086|-1|14|10.3

2029|Feb|10|21|37|36.104|-1|14|09|44.30|0.986902899|-1|14|11.2

2029|Feb|11|21|41|32.804|-1|13|49|58.77|0.987087541|-1|14|11.3

2029|Feb|12|21|45|28.747|-1|13|29|59.53|0.987274854|-1|14|10.7

2029|Feb|13|21|49|23.941|-1|13|09|47.02|0.987464730|-1|14|09.4

2029|Feb|14|21|53|18.392|-1|12|49|21.66|0.987657110|-1|14|07.3

2029|Feb|15|21|57|12.110|-1|12|28|43.90|0.987851976|-1|14|04.4

2029|Feb|16|22|01|05.104|-1|12|07|54.15|0.988049354|-1|14|00.9

2029|Feb|17|22|04|57.387|-1|11|46|52.86|0.988249297|-1|13|56.6

2029|Feb|18|22|08|48.968|-1|11|25|40.44|0.988451891|-1|13|51.7

2029|Feb|19|22|12|39.861|-1|11|04|17.32|0.988657242|-1|13|46.0

2029|Feb|20|22|16|30.080|-1|10|42|43.93|0.988865481|-1|13|39.7

2029|Feb|21|22|20|19.637|-1|10|21|00.67|0.989076759|-1|13|32.7

2029|Feb|22|22|24|08.547|-1|9|59|07.98|0.989291247|-1|13|25.0

2029|Feb|23|22|27|56.825|-1|9|37|06.25|0.989509137|-1|13|16.7

2029|Feb|24|22|31|44.486|-1|9|14|55.90|0.989730638|-1|13|07.8

2029|Feb|25|22|35|31.546|-1|8|52|37.33|0.989955963|-1|12|58.3

2029|Feb|26|22|39|18.022|-1|8|30|10.94|0.990185321|-1|12|48.2

2029|Feb|27|22|43|03.934|-1|8|07|37.09|0.990418887|-1|12|37.6

2029|Feb|28|22|46|49.304|-1|7|44|56.15|0.990656774|-1|12|26.4

2029|Mar|01|22|50|34.154|-1|7|22|08.48|0.990899004|-1|12|14.7

2029|Mar|02|22|54|18.510|-1|6|59|14.41|0.991145485|-1|12|02.5

2029|Mar|03|22|58|02.398|-1|6|36|14.31|0.991396014|-1|11|49.9

2029|Mar|04|23|01|45.843|-1|6|13|08.54|0.991650286|-1|11|36.8

2029|Mar|05|23|05|28.867|-1|5|49|57.46|0.991907925|-1|11|23.2

2029|Mar|06|23|09|11.490|-1|5|26|41.46|0.992168524|-1|11|09.3

2029|Mar|07|23|12|53.732|-1|5|03|20.94|0.992431665|-1|10|55.0

2029|Mar|08|23|16|35.610|-1|4|39|56.30|0.992696950|-1|10|40.3

2029|Mar|09|23|20|17.141|-1|4|16|27.95|0.992964010|-1|10|25.3

2029|Mar|10|23|23|58.343|-1|3|52|56.28|0.993232511|-1|10|09.9

2029|Mar|11|23|27|39.233|-1|3|29|21.71|0.993502165|-1|9|54.3

2029|Mar|12|23|31|19.829|-1|3|05|44.62|0.993772723|-1|9|38.3

2029|Mar|13|23|35|00.148|-1|2|42|05.41|0.994043978|-1|9|22.1

2029|Mar|14|23|38|40.209|-1|2|18|24.47|0.994315769|-1|9|05.6

2029|Mar|15|23|42|20.030|-1|1|54|42.21|0.994587972|-1|8|48.9

2029|Mar|16|23|45|59.629|-1|1|30|58.99|0.994860507|-1|8|31.9

2029|Mar|17|23|49|39.025|-1|1|07|15.21|0.995133330|-1|8|14.8

2029|Mar|18|23|53|18.236|-1|0|43|31.25|0.995406435|-1|7|57.4

2029|Mar|19|23|56|57.280|-1|0|19|47.49|0.995679849|-1|7|39.9

2029|Mar|20|0|00|36.176|+1|0|03|55.69|0.995953632|-1|7|22.3

2029|Mar|21|0|04|14.942|+1|0|27|37.93|0.996227877|-1|7|04.5

2029|Mar|22|0|07|53.595|+1|0|51|18.84|0.996502706|-1|6|46.6

2029|Mar|23|0|11|32.153|+1|1|14|58.05|0.996778273|-1|6|28.6

2029|Mar|24|0|15|10.635|+1|1|38|35.21|0.997054765|-1|6|10.5

2029|Mar|25|0|18|49.059|+1|2|02|09.95|0.997332390|-1|5|52.4

2029|Mar|26|0|22|27.446|+1|2|25|41.92|0.997611378|-1|5|34.2

2029|Mar|27|0|26|05.814|+1|2|49|10.79|0.997891957|-1|5|16.0

2029|Mar|28|0|29|44.189|+1|3|12|36.22|0.998174328|-1|4|57.8

2029|Mar|29|0|33|22.596|+1|3|35|57.89|0.998458632|-1|4|39.7

2029|Mar|30|0|37|01.060|+1|3|59|15.52|0.998744915|-1|4|21.6

2029|Mar|31|0|40|39.609|+1|4|22|28.79|0.999033108|-1|4|03.6

2029|Apr|01|0|44|18.269|+1|4|45|37.39|0.999323020|-1|3|45.7

2029|Apr|02|0|47|57.063|+1|5|08|41.00|0.999614360|-1|3|28.0

2029|Apr|03|0|51|36.012|+1|5|31|39.29|0.999906762|-1|3|10.3

2029|Apr|04|0|55|15.135|+1|5|54|31.89|1.000199826|-1|2|52.9

2029|Apr|05|0|58|54.450|+1|6|17|18.46|1.000493145|-1|2|35.7

2029|Apr|06|1|02|33.975|+1|6|39|58.63|1.000786325|-1|2|18.6

2029|Apr|07|1|06|13.727|+1|7|02|32.05|1.001079000|-1|2|01.8

2029|Apr|08|1|09|53.723|+1|7|24|58.34|1.001370837|-1|1|45.3

2029|Apr|09|1|13|33.978|+1|7|47|17.16|1.001661535|-1|1|29.0

2029|Apr|10|1|17|14.509|+1|8|09|28.14|1.001950829|-1|1|13.0

2029|Apr|11|1|20|55.332|+1|8|31|30.93|1.002238487|-1|0|57.2

2029|Apr|12|1|24|36.461|+1|8|53|25.19|1.002524314|-1|0|41.8

2029|Apr|13|1|28|17.910|+1|9|15|10.54|1.002808150|-1|0|26.7

2029|Apr|14|1|31|59.694|+1|9|36|46.65|1.003089872|-1|0|12.0

2029|Apr|15|1|35|41.826|+1|9|58|13.16|1.003369398|+1|0|02.5

2029|Apr|16|1|39|24.317|+1|10|19|29.73|1.003646683|+1|0|16.5

2029|Apr|17|1|43|07.179|+1|10|40|36.01|1.003921725|+1|0|30.2

2029|Apr|18|1|46|50.423|+1|11|01|31.65|1.004194562|+1|0|43.5

2029|Apr|19|1|50|34.059|+1|11|22|16.31|1.004465272|+1|0|56.5

2029|Apr|20|1|54|18.097|+1|11|42|49.64|1.004733978|+1|1|09.0

2029|Apr|21|1|58|02.547|+1|12|03|11.30|1.005000839|+1|1|21.1

2029|Apr|22|2|01|47.419|+1|12|23|20.97|1.005266057|+1|1|32.8

2029|Apr|23|2|05|32.723|+1|12|43|18.29|1.005529865|+1|1|44.0

2029|Apr|24|2|09|18.472|+1|13|03|02.97|1.005792519|+1|1|54.8

2029|Apr|25|2|13|04.680|+1|13|22|34.68|1.006054276|+1|2|05.2

2029|Apr|26|2|16|51.361|+1|13|41|53.12|1.006315369|+1|2|15.0

2029|Apr|27|2|20|38.533|+1|14|00|58.01|1.006575971|+1|2|24.4

2029|Apr|28|2|24|26.211|+1|14|19|49.06|1.006836161|+1|2|33.3

2029|Apr|29|2|28|14.410|+1|14|38|25.99|1.007095905|+1|2|41.7

2029|Apr|30|2|32|03.143|+1|14|56|48.51|1.007355054|+1|2|49.5

2029|May|01|2|35|52.420|+1|15|14|56.30|1.007613356|+1|2|56.8

2029|May|02|2|39|42.250|+1|15|32|49.04|1.007870491|+1|3|03.5

2029|May|03|2|43|32.641|+1|15|50|26.42|1.008126102|+1|3|09.7

2029|May|04|2|47|23.599|+1|16|07|48.11|1.008379817|+1|3|15.3

2029|May|05|2|51|15.130|+1|16|24|53.79|1.008631277|+1|3|20.3

2029|May|06|2|55|07.239|+1|16|41|43.12|1.008880138|+1|3|24.7

2029|May|07|2|58|59.929|+1|16|58|15.81|1.009126081|+1|3|28.6

2029|May|08|3|02|53.202|+1|17|14|31.52|1.009368816|+1|3|31.9

2029|May|09|3|06|47.062|+1|17|30|29.96|1.009608075|+1|3|34.6

2029|May|10|3|10|41.507|+1|17|46|10.82|1.009843621|+1|3|36.7

2029|May|11|3|14|36.537|+1|18|01|33.80|1.010075243|+1|3|38.2

2029|May|12|3|18|32.150|+1|18|16|38.59|1.010302762|+1|3|39.1

2029|May|13|3|22|28.341|+1|18|31|24.91|1.010526036|+1|3|39.5

2029|May|14|3|26|25.106|+1|18|45|52.47|1.010744959|+1|3|39.3

2029|May|15|3|30|22.438|+1|19|00|00.98|1.010959471|+1|3|38.5

2029|May|16|3|34|20.328|+1|19|13|50.16|1.011169562|+1|3|37.2

2029|May|17|3|38|18.768|+1|19|27|19.74|1.011375268|+1|3|35.3

2029|May|18|3|42|17.749|+1|19|40|29.42|1.011576681|+1|3|32.9

2029|May|19|3|46|17.260|+1|19|53|18.96|1.011773943|+1|3|29.9

2029|May|20|3|50|17.291|+1|20|05|48.08|1.011967245|+1|3|26.5

2029|May|21|3|54|17.834|+1|20|17|56.53|1.012156825|+1|3|22.5

2029|May|22|3|58|18.880|+1|20|29|44.07|1.012342956|+1|3|18.0

2029|May|23|4|02|20.423|+1|20|41|10.45|1.012525930|+1|3|13.0

2029|May|24|4|06|22.456|+1|20|52|15.48|1.012706039|+1|3|07.5

2029|May|25|4|10|24.974|+1|21|02|58.93|1.012883547|+1|3|01.5

2029|May|26|4|14|27.971|+1|21|13|20.61|1.013058656|+1|2|55.1

2029|May|27|4|18|31.439|+1|21|23|20.32|1.013231479|+1|2|48.2

2029|May|28|4|22|35.371|+1|21|32|57.88|1.013402027|+1|2|40.8

2029|May|29|4|26|39.755|+1|21|42|13.08|1.013570203|+1|2|33.0

2029|May|30|4|30|44.580|+1|21|51|05.72|1.013735822|+1|2|24.7

2029|May|31|4|34|49.834|+1|21|59|35.60|1.013898632|+1|2|16.1

2029|Jun|01|4|38|55.503|+1|22|07|42.52|1.014058340|+1|2|06.9

2029|Jun|02|4|43|01.573|+1|22|15|26.29|1.014214638|+1|1|57.4

2029|Jun|03|4|47|08.029|+1|22|22|46.74|1.014367214|+1|1|47.5

2029|Jun|04|4|51|14.855|+1|22|29|43.70|1.014515769|+1|1|37.3

2029|Jun|05|4|55|22.033|+1|22|36|17.00|1.014660016|+1|1|26.6

2029|Jun|06|4|59|29.544|+1|22|42|26.51|1.014799684|+1|1|15.7

2029|Jun|07|5|03|37.369|+1|22|48|12.09|1.014934520|+1|1|04.4

2029|Jun|08|5|07|45.486|+1|22|53|33.61|1.015064291|+1|0|52.8

2029|Jun|09|5|11|53.873|+1|22|58|30.95|1.015188785|+1|0|41.0

2029|Jun|10|5|16|02.506|+1|23|03|04.02|1.015307814|+1|0|28.9

2029|Jun|11|5|20|11.359|+1|23|07|12.72|1.015421225|+1|0|16.6

2029|Jun|12|5|24|20.406|+1|23|10|56.96|1.015528904|+1|0|04.2

2029|Jun|13|5|28|29.620|+1|23|14|16.67|1.015630786|-1|0|08.5

2029|Jun|14|5|32|38.973|+1|23|17|11.78|1.015726863|-1|0|21.3

2029|Jun|15|5|36|48.435|+1|23|19|42.24|1.015817189|-1|0|34.2

2029|Jun|16|5|40|57.978|+1|23|21|47.99|1.015901883|-1|0|47.2

2029|Jun|17|5|45|07.577|+1|23|23|29.00|1.015981125|-1|1|00.2

2029|Jun|18|5|49|17.205|+1|23|24|45.22|1.016055156|-1|1|13.3

2029|Jun|19|5|53|26.838|+1|23|25|36.66|1.016124263|-1|1|26.4

2029|Jun|20|5|57|36.454|+1|23|26|03.30|1.016188765|-1|1|39.4

2029|Jun|21|6|01|46.031|+1|23|26|05.14|1.016248996|-1|1|52.5

2029|Jun|22|6|05|55.549|+1|23|25|42.23|1.016305280|-1|2|05.4

2029|Jun|23|6|10|04.989|+1|23|24|54.58|1.016357905|-1|2|18.3

2029|Jun|24|6|14|14.328|+1|23|23|42.24|1.016407098|-1|2|31.1

2029|Jun|25|6|18|23.548|+1|23|22|05.24|1.016453006|-1|2|43.7

2029|Jun|26|6|22|32.628|+1|23|20|03.64|1.016495687|-1|2|56.2

2029|Jun|27|6|26|41.548|+1|23|17|37.46|1.016535106|-1|3|08.6

2029|Jun|28|6|30|50.288|+1|23|14|46.76|1.016571153|-1|3|20.8

2029|Jun|29|6|34|58.830|+1|23|11|31.60|1.016603655|-1|3|32.8

2029|Jun|30|6|39|07.156|+1|23|07|52.04|1.016632402|-1|3|44.5

2029|Jul|01|6|43|15.246|+1|23|03|48.16|1.016657156|-1|3|56.1

2029|Jul|02|6|47|23.082|+1|22|59|20.05|1.016677673|-1|4|07.4

2029|Jul|03|6|51|30.644|+1|22|54|27.83|1.016693707|-1|4|18.4

2029|Jul|04|6|55|37.915|+1|22|49|11.60|1.016705013|-1|4|29.1

2029|Jul|05|6|59|44.874|+1|22|43|31.49|1.016711354|-1|4|39.5

2029|Jul|06|7|03|51.501|+1|22|37|27.66|1.016712499|-1|4|49.6

2029|Jul|07|7|07|57.777|+1|22|31|00.24|1.016708227|-1|4|59.3

2029|Jul|08|7|12|03.680|+1|22|24|09.42|1.016698329|-1|5|08.6

2029|Jul|09|7|16|09.191|+1|22|16|55.35|1.016682615|-1|5|17.6

2029|Jul|10|7|20|14.287|+1|22|09|18.23|1.016660925|-1|5|26.1

2029|Jul|11|7|24|18.947|+1|22|01|18.24|1.016633137|-1|5|34.2

2029|Jul|12|7|28|23.150|+1|21|52|55.60|1.016599185|-1|5|41.8

2029|Jul|13|7|32|26.875|+1|21|44|10.51|1.016559070|-1|5|49.0

2029|Jul|14|7|36|30.103|+1|21|35|03.17|1.016512868|-1|5|55.7

2029|Jul|15|7|40|32.816|+1|21|25|33.80|1.016460733|-1|6|01.8

2029|Jul|16|7|44|35.000|+1|21|15|42.62|1.016402897|-1|6|07.5

2029|Jul|17|7|48|36.641|+1|21|05|29.86|1.016339653|-1|6|12.6

2029|Jul|18|7|52|37.728|+1|20|54|55.76|1.016271341|-1|6|17.1

2029|Jul|19|7|56|38.252|+1|20|44|00.55|1.016198327|-1|6|21.1

2029|Jul|20|8|00|38.205|+1|20|32|44.48|1.016120978|-1|6|24.5

2029|Jul|21|8|04|37.578|+1|20|21|07.81|1.016039645|-1|6|27.3

2029|Jul|22|8|08|36.366|+1|20|09|10.77|1.015954634|-1|6|29.5

2029|Jul|23|8|12|34.564|+1|19|56|53.61|1.015866196|-1|6|31.1

2029|Jul|24|8|16|32.165|+1|19|44|16.58|1.015774511|-1|6|32.2

2029|Jul|25|8|20|29.169|+1|19|31|19.92|1.015679682|-1|6|32.6

2029|Jul|26|8|24|25.574|+1|19|18|03.86|1.015581740|-1|6|32.5

2029|Jul|27|8|28|21.379|+1|19|04|28.64|1.015480650|-1|6|31.7

2029|Jul|28|8|32|16.587|+1|18|50|34.52|1.015376322|-1|6|30.4

2029|Jul|29|8|36|11.198|+1|18|36|21.74|1.015268629|-1|6|28.4

2029|Jul|30|8|40|05.214|+1|18|21|50.57|1.015157413|-1|6|25.9

2029|Jul|31|8|43|58.638|+1|18|07|01.29|1.015042499|-1|6|22.8

2029|Aug|01|8|47|51.472|+1|17|51|54.16|1.014923701|-1|6|19.1

2029|Aug|02|8|51|43.717|+1|17|36|29.47|1.014800823|-1|6|14.7

2029|Aug|03|8|55|35.375|+1|17|20|47.52|1.014673667|-1|6|09.8

2029|Aug|04|8|59|26.450|+1|17|04|48.60|1.014542028|-1|6|04.4

2029|Aug|05|9|03|16.941|+1|16|48|33.03|1.014405702|-1|5|58.3

2029|Aug|06|9|07|06.851|+1|16|32|01.10|1.014264485|-1|5|51.6

2029|Aug|07|9|10|56.180|+1|16|15|13.15|1.014118185|-1|5|44.4

2029|Aug|08|9|14|44.931|+1|15|58|09.49|1.013966630|-1|5|36.6

2029|Aug|09|9|18|33.102|+1|15|40|50.45|1.013809690|-1|5|28.2

2029|Aug|10|9|22|20.696|+1|15|23|16.36|1.013647292|-1|5|19.3

2029|Aug|11|9|26|07.715|+1|15|05|27.55|1.013479444|-1|5|09.7

2029|Aug|12|9|29|54.162|+1|14|47|24.34|1.013306240|-1|4|59.6

2029|Aug|13|9|33|40.044|+1|14|29|07.06|1.013127874|-1|4|49.0

2029|Aug|14|9|37|25.367|+1|14|10|36.03|1.012944621|-1|4|37.7

2029|Aug|15|9|41|10.139|+1|13|51|51.59|1.012756825|-1|4|26.0

2029|Aug|16|9|44|54.370|+1|13|32|54.04|1.012564871|-1|4|13.6

2029|Aug|17|9|48|38.069|+1|13|13|43.73|1.012369161|-1|4|00.8

2029|Aug|18|9|52|21.246|+1|12|54|20.97|1.012170089|-1|3|47.4

2029|Aug|19|9|56|03.912|+1|12|34|46.07|1.011968019|-1|3|33.5

2029|Aug|20|9|59|46.081|+1|12|14|59.35|1.011763276|-1|3|19.1

2029|Aug|21|10|03|27.766|+1|11|55|01.09|1.011556131|-1|3|04.2

2029|Aug|22|10|07|08.981|+1|11|34|51.59|1.011346794|-1|2|48.9

2029|Aug|23|10|10|49.745|+1|11|14|31.15|1.011135416|-1|2|33.1

2029|Aug|24|10|14|30.075|+1|10|54|00.05|1.010922088|-1|2|16.9

2029|Aug|25|10|18|09.989|+1|10|33|18.58|1.010706845|-1|2|00.2

2029|Aug|26|10|21|49.507|+1|10|12|27.03|1.010489676|-1|1|43.2

2029|Aug|27|10|25|28.646|+1|9|51|25.70|1.010270531|-1|1|25.8

2029|Aug|28|10|29|07.427|+1|9|30|14.89|1.010049325|-1|1|08.0

2029|Aug|29|10|32|45.867|+1|9|08|54.91|1.009825952|-1|0|49.9

2029|Aug|30|10|36|23.985|+1|8|47|26.07|1.009600282|-1|0|31.5

2029|Aug|31|10|40|01.798|+1|8|25|48.68|1.009372170|-1|0|12.7

2029|Sep|01|10|43|39.323|+1|8|04|03.08|1.009141454|+1|0|06.3

2029|Sep|02|10|47|16.579|+1|7|42|09.57|1.008907957|+1|0|25.6

2029|Sep|03|10|50|53.580|+1|7|20|08.51|1.008671489|+1|0|45.1

2029|Sep|04|10|54|30.343|+1|6|58|00.22|1.008431849|+1|1|04.9

2029|Sep|05|10|58|06.882|+1|6|35|45.06|1.008188837|+1|1|25.0

2029|Sep|06|11|01|43.214|+1|6|13|23.36|1.007942269|+1|1|45.2

2029|Sep|07|11|05|19.351|+1|5|50|55.47|1.007691994|+1|2|05.6

2029|Sep|08|11|08|55.310|+1|5|28|21.76|1.007437926|+1|2|26.2

2029|Sep|09|11|12|31.105|+1|5|05|42.56|1.007180066|+1|2|46.9

2029|Sep|10|11|16|06.753|+1|4|42|58.23|1.006918521|+1|3|07.8

2029|Sep|11|11|19|42.271|+1|4|20|09.11|1.006653504|+1|3|28.9

2029|Sep|12|11|23|17.675|+1|3|57|15.55|1.006385324|+1|3|50.0

2029|Sep|13|11|26|52.981|+1|3|34|17.89|1.006114357|+1|4|11.3

2029|Sep|14|11|30|28.205|+1|3|11|16.49|1.005841016|+1|4|32.6

2029|Sep|15|11|34|03.365|+1|2|48|11.67|1.005565721|+1|4|54.0

2029|Sep|16|11|37|38.480|+1|2|25|03.77|1.005288878|+1|5|15.4

2029|Sep|17|11|41|13.569|+1|2|01|53.11|1.005010861|+1|5|36.9

2029|Sep|18|11|44|48.653|+1|1|38|40.02|1.004732005|+1|5|58.4

2029|Sep|19|11|48|23.755|+1|1|15|24.81|1.004452596|+1|6|19.8

2029|Sep|20|11|51|58.897|+1|0|52|07.78|1.004172875|+1|6|41.2

2029|Sep|21|11|55|34.105|+1|0|28|49.25|1.003893030|+1|7|02.6

2029|Sep|22|11|59|09.402|+1|0|05|29.52|1.003613204|+1|7|23.8

2029|Sep|23|12|02|44.814|-1|0|17|51.08|1.003333492|+1|7|45.0

2029|Sep|24|12|06|20.364|-1|0|41|12.26|1.003053946|+1|8|06.0

2029|Sep|25|12|09|56.077|-1|1|04|33.68|1.002774580|+1|8|26.8

2029|Sep|26|12|13|31.977|-1|1|27|55.03|1.002495372|+1|8|47.4

2029|Sep|27|12|17|08.086|-1|1|51|15.96|1.002216271|+1|9|07.9

2029|Sep|28|12|20|44.427|-1|2|14|36.15|1.001937194|+1|9|28.1

2029|Sep|29|12|24|21.022|-1|2|37|55.24|1.001658035|+1|9|48.1

2029|Sep|30|12|27|57.893|-1|3|01|12.90|1.001378660|+1|10|07.8

2029|Oct|01|12|31|35.059|-1|3|24|28.75|1.001098909|+1|10|27.1

2029|Oct|02|12|35|12.540|-1|3|47|42.45|1.000818600|+1|10|46.2

2029|Oct|03|12|38|50.357|-1|4|10|53.61|1.000537528|+1|11|05.0

2029|Oct|04|12|42|28.527|-1|4|34|01.87|1.000255478|+1|11|23.3

2029|Oct|05|12|46|07.068|-1|4|57|06.84|0.999972242|+1|11|41.4

2029|Oct|06|12|49|46.000|-1|5|20|08.14|0.999687643|+1|11|59.0

2029|Oct|07|12|53|25.338|-1|5|43|05.38|0.999401565|+1|12|16.2

2029|Oct|08|12|57|05.101|-1|6|05|58.19|0.999113990|+1|12|33.0

2029|Oct|09|13|00|45.304|-1|6|28|46.18|0.998825013|+1|12|49.3

2029|Oct|10|13|04|25.961|-1|6|51|28.95|0.998534845|+1|13|05.2

2029|Oct|11|13|08|07.086|-1|7|14|06.12|0.998243798|+1|13|20.6

2029|Oct|12|13|11|48.693|-1|7|36|37.30|0.997952251|+1|13|35.6

2029|Oct|13|13|15|30.795|-1|7|59|02.09|0.997660617|+1|13|50.1

2029|Oct|14|13|19|13.409|-1|8|21|20.12|0.997369314|+1|14|04.0

2029|Oct|15|13|22|56.552|-1|8|43|31.00|0.997078741|+1|14|17.4

2029|Oct|16|13|26|40.241|-1|9|05|34.37|0.996789269|+1|14|30.3

2029|Oct|17|13|30|24.497|-1|9|27|29.86|0.996501232|+1|14|42.6

2029|Oct|18|13|34|09.340|-1|9|49|17.09|0.996214926|+1|14|54.3

2029|Oct|19|13|37|54.788|-1|10|10|55.72|0.995930607|+1|15|05.4

2029|Oct|20|13|41|40.863|-1|10|32|25.37|0.995648491|+1|15|15.8

2029|Oct|21|13|45|27.585|-1|10|53|45.67|0.995368756|+1|15|25.7

2029|Oct|22|13|49|14.972|-1|11|14|56.25|0.995091537|+1|15|34.8

2029|Oct|23|13|53|03.043|-1|11|35|56.75|0.994816933|+1|15|43.3

2029|Oct|24|13|56|51.816|-1|11|56|46.77|0.994545001|+1|15|51.1

2029|Oct|25|14|00|41.309|-1|12|17|25.95|0.994275762|+1|15|58.2

2029|Oct|26|14|04|31.537|-1|12|37|53.88|0.994009198|+1|16|04.5

2029|Oct|27|14|08|22.514|-1|12|58|10.18|0.993745256|+1|16|10.1

2029|Oct|28|14|12|14.257|-1|13|18|14.45|0.993483847|+1|16|14.9

2029|Oct|29|14|16|06.776|-1|13|38|06.27|0.993224847|+1|16|18.9

2029|Oct|30|14|20|00.085|-1|13|57|45.24|0.992968097|+1|16|22.2

2029|Oct|31|14|23|54.195|-1|14|17|10.95|0.992713402|+1|16|24.6

2029|Nov|01|14|27|49.116|-1|14|36|22.97|0.992460541|+1|16|26.3

2029|Nov|02|14|31|44.858|-1|14|55|20.88|0.992209271|+1|16|27.1

2029|Nov|03|14|35|41.428|-1|15|14|04.27|0.991959352|+1|16|27.0

2029|Nov|04|14|39|38.833|-1|15|32|32.71|0.991710566|+1|16|26.2

2029|Nov|05|14|43|37.078|-1|15|50|45.80|0.991462762|+1|16|24.5

2029|Nov|06|14|47|36.165|-1|16|08|43.11|0.991215879|+1|16|22.0

2029|Nov|07|14|51|36.093|-1|16|26|24.24|0.990969974|+1|16|18.6

2029|Nov|08|14|55|36.858|-1|16|43|48.76|0.990725224|+1|16|14.4

2029|Nov|09|14|59|38.457|-1|17|00|56.25|0.990481904|+1|16|09.4

2029|Nov|10|15|03|40.886|-1|17|17|46.31|0.990240357|+1|16|03.5

2029|Nov|11|15|07|44.142|-1|17|34|18.51|0.990000964|+1|15|56.8

2029|Nov|12|15|11|48.224|-1|17|50|32.46|0.989764109|+1|15|49.3

2029|Nov|13|15|15|53.133|-1|18|06|27.77|0.989530163|+1|15|40.9

2029|Nov|14|15|19|58.867|-1|18|22|04.05|0.989299474|+1|15|31.7

2029|Nov|15|15|24|05.427|-1|18|37|20.93|0.989072360|+1|15|21.7

2029|Nov|16|15|28|12.811|-1|18|52|18.02|0.988849106|+1|15|10.9

2029|Nov|17|15|32|21.020|-1|19|06|54.98|0.988629971|+1|14|59.2

2029|Nov|18|15|36|30.049|-1|19|21|11.42|0.988415177|+1|14|46.8

2029|Nov|19|15|40|39.896|-1|19|35|07.00|0.988204916|+1|14|33.5

2029|Nov|20|15|44|50.556|-1|19|48|41.36|0.987999347|+1|14|19.4

2029|Nov|21|15|49|02.024|-1|20|01|54.15|0.987798590|+1|14|04.4

2029|Nov|22|15|53|14.291|-1|20|14|45.00|0.987602725|+1|13|48.7

2029|Nov|23|15|57|27.351|-1|20|27|13.59|0.987411791|+1|13|32.2

2029|Nov|24|16|01|41.193|-1|20|39|19.55|0.987225782|+1|13|15.0

2029|Nov|25|16|05|55.805|-1|20|51|02.55|0.987044650|+1|12|56.9

2029|Nov|26|16|10|11.176|-1|21|02|22.25|0.986868297|+1|12|38.1

2029|Nov|27|16|14|27.292|-1|21|13|18.31|0.986696585|+1|12|18.5

2029|Nov|28|16|18|44.138|-1|21|23|50.40|0.986529327|+1|11|58.3

2029|Nov|29|16|23|01.699|-1|21|33|58.20|0.986366299|+1|11|37.2

2029|Nov|30|16|27|19.956|-1|21|43|41.39|0.986207241|+1|11|15.5

2029|Dec|01|16|31|38.893|-1|21|52|59.67|0.986051870|+1|10|53.2

2029|Dec|02|16|35|58.486|-1|22|01|52.77|0.985899901|+1|10|30.1

2029|Dec|03|16|40|18.714|-1|22|10|20.40|0.985751075|+1|10|06.4

2029|Dec|04|16|44|39.547|-1|22|18|22.32|0.985605189|+1|9|42.2

2029|Dec|05|16|49|00.956|-1|22|25|58.28|0.985462130|+1|9|17.3

2029|Dec|06|16|53|22.907|-1|22|33|08.04|0.985321894|+1|8|51.9

2029|Dec|07|16|57|45.364|-1|22|39|51.37|0.985184588|+1|8|26.1

2029|Dec|08|17|02|08.294|-1|22|46|08.05|0.985050414|+1|7|59.7

2029|Dec|09|17|06|31.662|-1|22|51|57.87|0.984919642|+1|7|32.9

2029|Dec|10|17|10|55.438|-1|22|57|20.63|0.984792580|+1|7|05.7

2029|Dec|11|17|15|19.591|-1|23|02|16.17|0.984669551|+1|6|38.1

2029|Dec|12|17|19|44.090|-1|23|06|44.31|0.984550871|+1|6|10.1

2029|Dec|13|17|24|08.906|-1|23|10|44.92|0.984436839|+1|5|41.8

2029|Dec|14|17|28|34.009|-1|23|14|17.87|0.984327739|+1|5|13.3

2029|Dec|15|17|32|59.369|-1|23|17|23.04|0.984223827|+1|4|44.5

2029|Dec|16|17|37|24.957|-1|23|20|00.34|0.984125342|+1|4|15.5

2029|Dec|17|17|41|50.741|-1|23|22|09.67|0.984032497|+1|3|46.2

2029|Dec|18|17|46|16.690|-1|23|23|50.96|0.983945481|+1|3|16.8

2029|Dec|19|17|50|42.774|-1|23|25|04.16|0.983864454|+1|2|47.3

2029|Dec|20|17|55|08.962|-1|23|25|49.21|0.983789542|+1|2|17.7

2029|Dec|21|17|59|35.221|-1|23|26|06.07|0.983720831|+1|1|48.0

2029|Dec|22|18|04|01.520|-1|23|25|54.73|0.983658363|+1|1|18.3

2029|Dec|23|18|08|27.828|-1|23|25|15.15|0.983602125|+1|0|48.5

2029|Dec|24|18|12|54.114|-1|23|24|07.35|0.983552053|+1|0|18.8

2029|Dec|25|18|17|20.347|-1|23|22|31.31|0.983508022|-1|0|10.9

2029|Dec|26|18|21|46.496|-1|23|20|27.08|0.983469854|-1|0|40.5

2029|Dec|27|18|26|12.532|-1|23|17|54.67|0.983437317|-1|1|10.0

2029|Dec|28|18|30|38.424|-1|23|14|54.15|0.983410132|-1|1|39.3

2029|Dec|29|18|35|04.142|-1|23|11|25.60|0.983387987|-1|2|08.5

2029|Dec|30|18|39|29.655|-1|23|07|29.11|0.983370549|-1|2|37.4

2029|Dec|31|18|43|54.930|-1|23|03|04.81|0.983357487|-1|3|06.1

2030|Jan|01|18|48|19.931|-1|22|58|12.84|0.983348494|-1|3|34.6

2030|Jan|02|18|52|44.622|-1|22|52|53.36|0.983343322|-1|4|02.7

2030|Jan|03|18|57|08.965|-1|22|47|06.55|0.983341797|-1|4|30.5

2030|Jan|04|19|01|32.923|-1|22|40|52.58|0.983343845|-1|4|57.9

2030|Jan|05|19|05|56.458|-1|22|34|11.66|0.983349486|-1|5|24.8

2030|Jan|06|19|10|19.538|-1|22|27|03.99|0.983358826|-1|5|51.4

2030|Jan|07|19|14|42.131|-1|22|19|29.78|0.983372036|-1|6|17.4

2030|Jan|08|19|19|04.208|-1|22|11|29.25|0.983389330|-1|6|42.9

2030|Jan|09|19|23|25.743|-1|22|03|02.64|0.983410943|-1|7|07.9

2030|Jan|10|19|27|46.711|-1|21|54|10.21|0.983437117|-1|7|32.3

2030|Jan|11|19|32|07.090|-1|21|44|52.22|0.983468089|-1|7|56.2

2030|Jan|12|19|36|26.856|-1|21|35|08.94|0.983504087|-1|8|19.4

2030|Jan|13|19|40|45.990|-1|21|25|00.65|0.983545331|-1|8|41.9

2030|Jan|14|19|45|04.472|-1|21|14|27.64|0.983592025|-1|9|03.9

2030|Jan|15|19|49|22.284|-1|21|03|30.22|0.983644364|-1|9|25.1

2030|Jan|16|19|53|39.409|-1|20|52|08.68|0.983702523|-1|9|45.7

2030|Jan|17|19|57|55.831|-1|20|40|23.34|0.983766661|-1|10|05.5

2030|Jan|18|20|02|11.537|-1|20|28|14.51|0.983836906|-1|10|24.7

2030|Jan|19|20|06|26.514|-1|20|15|42.52|0.983913348|-1|10|43.1

2030|Jan|20|20|10|40.749|-1|20|02|47.68|0.983996027|-1|11|00.8

2030|Jan|21|20|14|54.236|-1|19|49|30.31|0.984084927|-1|11|17.7

2030|Jan|22|20|19|06.965|-1|19|35|50.75|0.984179961|-1|11|33.9

2030|Jan|23|20|23|18.931|-1|19|21|49.31|0.984280972|-1|11|49.3

2030|Jan|24|20|27|30.131|-1|19|07|26.35|0.984387735|-1|12|04.0

2030|Jan|25|20|31|40.560|-1|18|52|42.21|0.984499962|-1|12|17.8

2030|Jan|26|20|35|50.216|-1|18|37|37.27|0.984617318|-1|12|30.9

2030|Jan|27|20|39|59.094|-1|18|22|11.90|0.984739434|-1|12|43.3

2030|Jan|28|20|44|07.189|-1|18|06|26.50|0.984865930|-1|12|54.8

2030|Jan|29|20|48|14.495|-1|17|50|21.48|0.984996433|-1|13|05.5

2030|Jan|30|20|52|21.006|-1|17|33|57.25|0.985130602|-1|13|15.5

2030|Jan|31|20|56|26.715|-1|17|17|14.25|0.985268147|-1|13|24.6

2030|Feb|01|21|00|31.614|-1|17|00|12.89|0.985408847|-1|13|33.0

2030|Feb|02|21|04|35.699|-1|16|42|53.61|0.985552561|-1|13|40.5

2030|Feb|03|21|08|38.966|-1|16|25|16.82|0.985699226|-1|13|47.2

2030|Feb|04|21|12|41.414|-1|16|07|22.96|0.985848853|-1|13|53.1

2030|Feb|05|21|16|43.044|-1|15|49|12.45|0.986001512|-1|13|58.2

2030|Feb|06|21|20|43.857|-1|15|30|45.70|0.986157318|-1|14|02.5

2030|Feb|07|21|24|43.859|-1|15|12|03.14|0.986316416|-1|14|05.9

2030|Feb|08|21|28|43.053|-1|14|53|05.21|0.986478965|-1|14|08.5

2030|Feb|09|21|32|41.447|-1|14|33|52.31|0.986645135|-1|14|10.4

2030|Feb|10|21|36|39.046|-1|14|14|24.88|0.986815098|-1|14|11.4

2030|Feb|11|21|40|35.860|-1|13|54|43.33|0.986989029|-1|14|11.7

2030|Feb|12|21|44|31.896|-1|13|34|48.08|0.987167102|-1|14|11.2

2030|Feb|13|21|48|27.166|-1|13|14|39.55|0.987349489|-1|14|09.9

2030|Feb|14|21|52|21.679|-1|12|54|18.15|0.987536358|-1|14|07.8

2030|Feb|15|21|56|15.447|-1|12|33|44.28|0.987727869|-1|14|05.0

2030|Feb|16|22|00|08.485|-1|12|12|58.35|0.987924160|-1|14|01.5

2030|Feb|17|22|04|00.805|-1|11|52|00.76|0.988125336|-1|13|57.3

2030|Feb|18|22|07|52.426|-1|11|30|51.88|0.988331451|-1|13|52.4

2030|Feb|19|22|11|43.364|-1|11|09|32.10|0.988542494|-1|13|46.7

2030|Feb|20|22|15|33.641|-1|10|48|01.78|0.988758370|-1|13|40.5

2030|Feb|21|22|19|23.276|-1|10|26|21.31|0.988978899|-1|13|33.6

2030|Feb|22|22|23|12.290|-1|10|04|31.07|0.989203817|-1|13|26.0

2030|Feb|23|22|27|00.703|-1|9|42|31.44|0.989432790|-1|13|17.9

2030|Feb|24|22|30|48.534|-1|9|20|22.84|0.989665434|-1|13|09.2

2030|Feb|25|22|34|35.799|-1|8|58|05.66|0.989901338|-1|12|59.9

2030|Feb|26|22|38|22.514|-1|8|35|40.33|0.990140087|-1|12|50.0

2030|Feb|27|22|42|08.693|-1|8|13|07.27|0.990381285|-1|12|39.6

2030|Feb|28|22|45|54.350|-1|7|50|26.91|0.990624568|-1|12|28.7

2030|Mar|01|22|49|39.498|-1|7|27|39.67|0.990869623|-1|12|17.3

2030|Mar|02|22|53|24.153|-1|7|04|45.97|0.991116197|-1|12|05.4

2030|Mar|03|22|57|08.330|-1|6|41|46.23|0.991364100|-1|11|53.1

2030|Mar|04|23|00|52.043|-1|6|18|40.86|0.991613206|-1|11|40.2

2030|Mar|05|23|04|35.310|-1|5|55|30.26|0.991863451|-1|11|26.9

2030|Mar|06|23|08|18.148|-1|5|32|14.85|0.992114825|-1|11|13.2

2030|Mar|07|23|12|00.574|-1|5|08|55.02|0.992367360|-1|10|59.1

2030|Mar|08|23|15|42.605|-1|4|45|31.18|0.992621123|-1|10|44.6

2030|Mar|09|23|19|24.259|-1|4|22|03.71|0.992876207|-1|10|29.7

2030|Mar|10|23|23|05.555|-1|3|58|33.01|0.993132723|-1|10|14.4

2030|Mar|11|23|26|46.509|-1|3|34|59.46|0.993390800|-1|9|58.8

2030|Mar|12|23|30|27.141|-1|3|11|23.46|0.993650578|-1|9|42.9

2030|Mar|13|23|34|07.470|-1|2|47|45.38|0.993912209|-1|9|26.7

2030|Mar|14|23|37|47.515|-1|2|24|05.59|0.994175859|-1|9|10.2

2030|Mar|15|23|41|27.295|-1|2|00|24.46|0.994441699|-1|8|53.4

2030|Mar|16|23|45|06.832|-1|1|36|42.36|0.994709903|-1|8|36.4

2030|Mar|17|23|48|46.147|-1|1|12|59.64|0.994980639|-1|8|19.1

2030|Mar|18|23|52|25.264|-1|0|49|16.65|0.995254044|-1|8|01.7

2030|Mar|19|23|56|04.208|-1|0|25|33.71|0.995530207|-1|7|44.1

2030|Mar|20|23|59|43.006|-1|0|01|51.16|0.995809144|-1|7|26.4

2030|Mar|21|0|03|21.683|+1|0|21|50.69|0.996090776|-1|7|08.5

2030|Mar|22|0|07|00.268|+1|0|45|31.51|0.996374921|-1|6|50.5

2030|Mar|23|0|10|38.786|+1|1|09|10.96|0.996661301|-1|6|32.5

2030|Mar|24|0|14|17.258|+1|1|32|48.69|0.996949558|-1|6|14.4

2030|Mar|25|0|17|55.708|+1|1|56|24.35|0.997239286|-1|5|56.3

2030|Mar|26|0|21|34.153|+1|2|19|57.57|0.997530056|-1|5|38.2

2030|Mar|27|0|25|12.614|+1|2|43|27.97|0.997821444|-1|5|20.1

2030|Mar|28|0|28|51.107|+1|3|06|55.18|0.998113049|-1|5|02.0

2030|Mar|29|0|32|29.652|+1|3|30|18.82|0.998404509|-1|4|44.0

2030|Mar|30|0|36|08.265|+1|3|53|38.54|0.998695505|-1|4|26.1

2030|Mar|31|0|39|46.964|+1|4|16|53.94|0.998985771|-1|4|08.2

2030|Apr|01|0|43|25.766|+1|4|40|04.68|0.999275093|-1|3|50.5

2030|Apr|02|0|47|04.689|+1|5|03|10.38|0.999563309|-1|3|32.9

2030|Apr|03|0|50|43.750|+1|5|26|10.69|0.999850308|-1|3|15.4

2030|Apr|04|0|54|22.963|+1|5|49|05.24|1.000136028|-1|2|58.0

2030|Apr|05|0|58|02.346|+1|6|11|53.68|1.000420448|-1|2|40.9

2030|Apr|06|1|01|41.914|+1|6|34|35.64|1.000703584|-1|2|23.9

2030|Apr|07|1|05|21.681|+1|6|57|10.78|1.000985483|-1|2|07.1

2030|Apr|08|1|09|01.663|+1|7|19|38.74|1.001266224|-1|1|50.5

2030|Apr|09|1|12|41.875|+1|7|41|59.16|1.001545907|-1|1|34.2

2030|Apr|10|1|16|22.330|+1|8|04|11.71|1.001824659|-1|1|18.1

2030|Apr|11|1|20|03.045|+1|8|26|16.04|1.002102630|-1|1|02.2

2030|Apr|12|1|23|44.035|+1|8|48|11.80|1.002379992|-1|0|46.7

2030|Apr|13|1|27|25.314|+1|9|09|58.65|1.002656938|-1|0|31.4

2030|Apr|14|1|31|06.900|+1|9|31|36.28|1.002933674|-1|0|16.4

2030|Apr|15|1|34|48.811|+1|9|53|04.34|1.003210408|-1|0|01.8

2030|Apr|16|1|38|31.066|+1|10|14|22.54|1.003487327|+1|0|12.5

2030|Apr|17|1|42|13.686|+1|10|35|30.57|1.003764572|+1|0|26.4

2030|Apr|18|1|45|56.692|+1|10|56|28.13|1.004042203|+1|0|40.0

2030|Apr|19|1|49|40.104|+1|11|17|14.92|1.004320177|+1|0|53.1

2030|Apr|20|1|53|23.941|+1|11|37|50.64|1.004598335|+1|1|05.8

2030|Apr|21|1|57|08.220|+1|11|58|14.96|1.004876410|+1|1|18.1

2030|Apr|22|2|00|52.955|+1|12|18|27.57|1.005154052|+1|1|30.0

2030|Apr|23|2|04|38.159|+1|12|38|28.12|1.005430864|+1|1|41.3

2030|Apr|24|2|08|23.845|+1|12|58|16.27|1.005706427|+1|1|52.2

2030|Apr|25|2|12|10.022|+1|13|17|51.68|1.005980335|+1|2|02.6

2030|Apr|26|2|15|56.703|+1|13|37|14.01|1.006252204|+1|2|12.4

2030|Apr|27|2|19|43.896|+1|13|56|22.91|1.006521689|+1|2|21.8

2030|Apr|28|2|23|31.610|+1|14|15|18.05|1.006788485|+1|2|30.6

2030|Apr|29|2|27|19.853|+1|14|33|59.11|1.007052329|+1|2|38.9

2030|Apr|30|2|31|08.632|+1|14|52|25.74|1.007313002|+1|2|46.7

2030|May|01|2|34|57.952|+1|15|10|37.63|1.007570331|+1|2|53.9

2030|May|02|2|38|47.817|+1|15|28|34.45|1.007824184|+1|3|00.6

2030|May|03|2|42|38.230|+1|15|46|15.87|1.008074470|+1|3|06.8

2030|May|04|2|46|29.195|+1|16|03|41.57|1.008321142|+1|3|12.3

2030|May|05|2|50|20.711|+1|16|20|51.24|1.008564191|+1|3|17.4

2030|May|06|2|54|12.781|+1|16|37|44.56|1.008803644|+1|3|21.9

2030|May|07|2|58|05.402|+1|16|54|21.21|1.009039566|+1|3|25.8

2030|May|08|3|01|58.576|+1|17|10|40.89|1.009272053|+1|3|29.2

2030|May|09|3|05|52.302|+1|17|26|43.29|1.009501237|+1|3|32.0

2030|May|10|3|09|46.578|+1|17|42|28.11|1.009727283|+1|3|34.3

2030|May|11|3|13|41.404|+1|17|57|55.04|1.009950388|+1|3|36.0

2030|May|12|3|17|36.781|+1|18|13|03.80|1.010170780|+1|3|37.2

2030|May|13|3|21|32.708|+1|18|27|54.12|1.010388709|+1|3|37.8

2030|May|14|3|25|29.187|+1|18|42|25.71|1.010604433|+1|3|37.9

2030|May|15|3|29|26.222|+1|18|56|38.31|1.010818193|+1|3|37.4

2030|May|16|3|33|23.814|+1|19|10|31.69|1.011030184|+1|3|36.4

2030|May|17|3|37|21.965|+1|19|24|05.58|1.011240519|+1|3|34.8

2030|May|18|3|41|20.676|+1|19|37|19.76|1.011449200|+1|3|32.6

2030|May|19|3|45|19.945|+1|19|50|13.95|1.011656109|+1|3|29.9

2030|May|20|3|49|19.768|+1|20|02|47.91|1.011861016|+1|3|26.7

2030|May|21|3|53|20.140|+1|20|15|01.36|1.012063609|+1|3|22.9

2030|May|22|3|57|21.056|+1|20|26|54.05|1.012263527|+1|3|18.5

2030|May|23|4|01|22.509|+1|20|38|25.72|1.012460390|+1|3|13.6

2030|May|24|4|05|24.491|+1|20|49|36.13|1.012653828|+1|3|08.2

2030|May|25|4|09|26.993|+1|21|00|25.03|1.012843495|+1|3|02.2

2030|May|26|4|13|30.002|+1|21|10|52.19|1.013029076|+1|2|55.8

2030|May|27|4|17|33.508|+1|21|20|57.39|1.013210288|+1|2|48.8

2030|May|28|4|21|37.496|+1|21|30|40.41|1.013386886|+1|2|41.4

2030|May|29|4|25|41.951|+1|21|40|01.06|1.013558660|+1|2|33.5

2030|May|30|4|29|46.854|+1|21|48|59.13|1.013725437|+1|2|25.1

2030|May|31|4|33|52.189|+1|21|57|34.42|1.013887080|+1|2|16.4

2030|Jun|01|4|37|57.935|+1|22|05|46.77|1.014043490|+1|2|07.2

2030|Jun|02|4|42|04.073|+1|22|13|35.98|1.014194610|+1|1|57.6

2030|Jun|03|4|46|10.579|+1|22|21|01.89|1.014340422|+1|1|47.7

2030|Jun|04|4|50|17.433|+1|22|28|04.34|1.014480952|+1|1|37.4

2030|Jun|05|4|54|24.611|+1|22|34|43.18|1.014616265|+1|1|26.8

2030|Jun|06|4|58|32.091|+1|22|40|58.25|1.014746474|+1|1|15.8

2030|Jun|07|5|02|39.851|+1|22|46|49.43|1.014871730|+1|1|04.6

2030|Jun|08|5|06|47.869|+1|22|52|16.58|1.014992228|+1|0|53.2

2030|Jun|09|5|10|56.123|+1|22|57|19.58|1.015108206|+1|0|41.5

2030|Jun|10|5|15|04.592|+1|23|01|58.34|1.015219935|+1|0|29.5

2030|Jun|11|5|19|13.258|+1|23|06|12.76|1.015327715|+1|0|17.4

2030|Jun|12|5|23|22.103|+1|23|10|02.76|1.015431853|+1|0|05.1

2030|Jun|13|5|27|31.106|+1|23|13|28.27|1.015532641|-1|0|07.3

2030|Jun|14|5|31|40.252|+1|23|16|29.24|1.015630324|-1|0|19.9

2030|Jun|15|5|35|49.519|+1|23|19|05.61|1.015725060|-1|0|32.6

2030|Jun|16|5|39|58.890|+1|23|21|17.33|1.015816900|-1|0|45.4

2030|Jun|17|5|44|08.343|+1|23|23|04.35|1.015905778|-1|0|58.3

2030|Jun|18|5|48|17.859|+1|23|24|26.62|1.015991523|-1|1|11.2

2030|Jun|19|5|52|27.419|+1|23|25|24.09|1.016073881|-1|1|24.2

2030|Jun|20|5|56|37.002|+1|23|25|56.74|1.016152552|-1|1|37.3

2030|Jun|21|6|00|46.588|+1|23|26|04.54|1.016227217|-1|1|50.3

2030|Jun|22|6|04|56.155|+1|23|25|47.51|1.016297559|-1|2|03.3

2030|Jun|23|6|09|05.682|+1|23|25|05.65|1.016363280|-1|2|16.3

2030|Jun|24|6|13|15.145|+1|23|23|58.98|1.016424103|-1|2|29.2

2030|Jun|25|6|17|24.519|+1|23|22|27.56|1.016479778|-1|2|42.0

2030|Jun|26|6|21|33.780|+1|23|20|31.42|1.016530083|-1|2|54.7

2030|Jun|27|6|25|42.903|+1|23|18|10.64|1.016574822|-1|3|07.3

2030|Jun|28|6|29|51.861|+1|23|15|25.28|1.016613829|-1|3|19.7

2030|Jun|29|6|34|00.628|+1|23|12|15.43|1.016646970|-1|3|31.9

2030|Jun|30|6|38|09.178|+1|23|08|41.18|1.016674145|-1|3|43.9

2030|Jul|01|6|42|17.484|+1|23|04|42.63|1.016695293|-1|3|55.6

2030|Jul|02|6|46|25.519|+1|23|00|19.90|1.016710397|-1|4|07.1

2030|Jul|03|6|50|33.259|+1|22|55|33.09|1.016719487|-1|4|18.3

2030|Jul|04|6|54|40.679|+1|22|50|22.34|1.016722645|-1|4|29.1

2030|Jul|05|6|58|47.755|+1|22|44|47.78|1.016720005|-1|4|39.7

2030|Jul|06|7|02|54.465|+1|22|38|49.55|1.016711751|-1|4|49.8

2030|Jul|07|7|07|00.789|+1|22|32|27.80|1.016698120|-1|4|59.6

2030|Jul|08|7|11|06.708|+1|22|25|42.69|1.016679397|-1|5|09.0

2030|Jul|09|7|15|12.205|+1|22|18|34.39|1.016655903|-1|5|17.9

2030|Jul|10|7|19|17.264|+1|22|11|03.07|1.016627984|-1|5|26.4

2030|Jul|11|7|23|21.871|+1|22|03|08.92|1.016595995|-1|5|34.5

2030|Jul|12|7|27|26.011|+1|21|54|52.13|1.016560266|-1|5|42.0

2030|Jul|13|7|31|29.673|+1|21|46|12.88|1.016521078|-1|5|49.1

2030|Jul|14|7|35|32.844|+1|21|37|11.37|1.016478629|-1|5|55.7

2030|Jul|15|7|39|35.513|+1|21|27|47.78|1.016433017|-1|6|01.8

2030|Jul|16|7|43|37.671|+1|21|18|02.31|1.016384234|-1|6|07.4

2030|Jul|17|7|47|39.312|+1|21|07|55.12|1.016332177|-1|6|12.5

2030|Jul|18|7|51|40.428|+1|20|57|26.44|1.016276668|-1|6|17.1

2030|Jul|19|7|55|41.014|+1|20|46|36.45|1.016217485|-1|6|21.1

2030|Jul|20|7|59|41.064|+1|20|35|25.40|1.016154380|-1|6|24.6

2030|Jul|21|8|03|40.570|+1|20|23|53.51|1.016087101|-1|6|27.6

2030|Jul|22|8|07|39.526|+1|20|12|01.03|1.016015405|-1|6|30.0

2030|Jul|23|8|11|37.926|+1|19|59|48.22|1.015939059|-1|6|31.8

2030|Jul|24|8|15|35.761|+1|19|47|15.33|1.015857849|-1|6|33.1

2030|Jul|25|8|19|33.023|+1|19|34|22.64|1.015771576|-1|6|33.8

2030|Jul|26|8|23|29.707|+1|19|21|10.42|1.015680063|-1|6|33.9

2030|Jul|27|8|27|25.805|+1|19|07|38.96|1.015583149|-1|6|33.5

2030|Jul|28|8|31|21.309|+1|18|53|48.54|1.015480703|-1|6|32.4

2030|Jul|29|8|35|16.214|+1|18|39|39.45|1.015372621|-1|6|30.8

2030|Jul|30|8|39|10.513|+1|18|25|11.99|1.015258838|-1|6|28.5

2030|Jul|31|8|43|04.200|+1|18|10|26.47|1.015139337|-1|6|25.6

2030|Aug|01|8|46|57.273|+1|17|55|23.16|1.015014155|-1|6|22.2

2030|Aug|02|8|50|49.727|+1|17|40|02.38|1.014883387|-1|6|18.1

2030|Aug|03|8|54|41.562|+1|17|24|24.44|1.014747194|-1|6|13.4

2030|Aug|04|8|58|32.778|+1|17|08|29.62|1.014605802|-1|6|08.0

2030|Aug|05|9|02|23.376|+1|16|52|18.24|1.014459493|-1|6|02.1

2030|Aug|06|9|06|13.359|+1|16|35|50.61|1.014308600|-1|5|55.5

2030|Aug|07|9|10|02.730|+1|16|19|07.03|1.014153493|-1|5|48.3

2030|Aug|08|9|13|51.495|+1|16|02|07.81|1.013994562|-1|5|40.5

2030|Aug|09|9|17|39.659|+1|15|44|53.25|1.013832192|-1|5|32.1

2030|Aug|10|9|21|27.228|+1|15|27|23.67|1.013666742|-1|5|23.1

2030|Aug|11|9|25|14.210|+1|15|09|39.34|1.013498516|-1|5|13.5

2030|Aug|12|9|29|00.616|+1|14|51|40.56|1.013327744|-1|5|03.4

2030|Aug|13|9|32|46.457|+1|14|33|27.60|1.013154568|-1|4|52.7

2030|Aug|14|9|36|31.747|+1|14|15|00.74|1.012979038|-1|4|41.4

2030|Aug|15|9|40|16.501|+1|13|56|20.26|1.012801123|-1|4|29.6

2030|Aug|16|9|44|00.732|+1|13|37|26.45|1.012620728|-1|4|17.3

2030|Aug|17|9|47|44.457|+1|13|18|19.59|1.012437710|-1|4|04.5

2030|Aug|18|9|51|27.690|+1|12|58|59.99|1.012251898|-1|3|51.2

2030|Aug|19|9|55|10.443|+1|12|39|27.96|1.012063110|-1|3|37.4

2030|Aug|20|9|58|52.729|+1|12|19|43.82|1.011871157|-1|3|23.1

2030|Aug|21|10|02|34.562|+1|11|59|47.87|1.011675854|-1|3|08.4

2030|Aug|22|10|06|15.954|+1|11|39|40.46|1.011477021|-1|2|53.2

2030|Aug|23|10|09|56.916|+1|11|19|21.90|1.011274483|-1|2|37.6

2030|Aug|24|10|13|37.461|+1|10|58|52.53|1.011068074|-1|2|21.6

2030|Aug|25|10|17|17.600|+1|10|38|12.68|1.010857639|-1|2|05.2

2030|Aug|26|10|20|57.344|+1|10|17|22.69|1.010643038|-1|1|48.4

2030|Aug|27|10|24|36.706|+1|9|56|22.90|1.010424159|-1|1|31.2

2030|Aug|28|10|28|15.696|+1|9|35|13.65|1.010200921|-1|1|13.6

2030|Aug|29|10|31|54.329|+1|9|13|55.27|1.009973298|-1|0|55.7

2030|Aug|30|10|35|32.616|+1|8|52|28.11|1.009741322|-1|0|37.4

2030|Aug|31|10|39|10.571|+1|8|30|52.50|1.009505100|-1|0|18.8

2030|Sep|01|10|42|48.208|+1|8|09|08.78|1.009264818|+1|0|00.1

2030|Sep|02|10|46|25.542|+1|7|47|17.29|1.009020734|+1|0|19.3

2030|Sep|03|10|50|02.588|+1|7|25|18.36|1.008773176|+1|0|38.8

2030|Sep|04|10|53|39.361|+1|7|03|12.33|1.008522521|+1|0|58.6

2030|Sep|05|10|57|15.877|+1|6|40|59.52|1.008269178|+1|1|18.6

2030|Sep|06|11|00|52.151|+1|6|18|40.28|1.008013564|+1|1|38.9

2030|Sep|07|11|04|28.202|+1|5|56|14.92|1.007756086|+1|1|59.4

2030|Sep|08|11|08|04.049|+1|5|33|43.75|1.007497114|+1|2|20.1

2030|Sep|09|11|11|39.711|+1|5|11|07.07|1.007236966|+1|2|41.0

2030|Sep|10|11|15|15.213|+1|4|48|25.19|1.006975895|+1|3|02.1

2030|Sep|11|11|18|50.577|+1|4|25|38.40|1.006714079|+1|3|23.2

2030|Sep|12|11|22|25.827|+1|4|02|46.99|1.006451622|+1|3|44.5

2030|Sep|13|11|26|00.990|+1|3|39|51.26|1.006188559|+1|4|05.9

2030|Sep|14|11|29|36.088|+1|3|16|51.51|1.005924868|+1|4|27.4

2030|Sep|15|11|33|11.146|+1|2|53|48.06|1.005660483|+1|4|48.9

2030|Sep|16|11|36|46.186|+1|2|30|41.22|1.005395303|+1|5|10.4

2030|Sep|17|11|40|21.229|+1|2|07|31.32|1.005129208|+1|5|31.9

2030|Sep|18|11|43|56.298|+1|1|44|18.69|1.004862063|+1|5|53.4

2030|Sep|19|11|47|31.412|+1|1|21|03.66|1.004593723|+1|6|14.8

2030|Sep|20|11|51|06.592|+1|0|57|46.58|1.004324038|+1|6|36.2

2030|Sep|21|11|54|41.857|+1|0|34|27.78|1.004052850|+1|6|57.5

2030|Sep|22|11|58|17.227|+1|0|11|07.63|1.003780000|+1|7|18.7

2030|Sep|23|12|01|52.720|-1|0|12|13.52|1.003505326|+1|7|39.7

2030|Sep|24|12|05|28.356|-1|0|35|35.33|1.003228672|+1|8|00.6

2030|Sep|25|12|09|04.152|-1|0|58|57.43|1.002949900|+1|8|21.4

2030|Sep|26|12|12|40.127|-1|1|22|19.46|1.002668902|+1|8|42.0

2030|Sep|27|12|16|16.299|-1|1|45|41.05|1.002385621|+1|9|02.3

2030|Sep|28|12|19|52.685|-1|2|09|01.85|1.002100072|+1|9|22.5

2030|Sep|29|12|23|29.304|-1|2|32|21.48|1.001812356|+1|9|42.4

2030|Sep|30|12|27|06.171|-1|2|55|39.59|1.001522668|+1|10|02.1

2030|Oct|01|12|30|43.303|-1|3|18|55.80|1.001231291|+1|10|21.5

2030|Oct|02|12|34|20.717|-1|3|42|09.75|1.000938582|+1|10|40.7

2030|Oct|03|12|37|58.427|-1|4|05|21.06|1.000644945|+1|10|59.5

2030|Oct|04|12|41|36.451|-1|4|28|29.38|1.000350810|+1|11|18.1

2030|Oct|05|12|45|14.809|-1|4|51|34.33|1.000056605|+1|11|36.3

2030|Oct|06|12|48|53.519|-1|5|14|35.57|0.999762737|+1|11|54.1

2030|Oct|07|12|52|32.604|-1|5|37|32.76|0.999469576|+1|12|11.6

2030|Oct|08|12|56|12.086|-1|6|00|25.54|0.999177441|+1|12|28.7

2030|Oct|09|12|59|51.990|-1|6|23|13.58|0.998886597|+1|12|45.3

2030|Oct|10|13|03|32.339|-1|6|45|56.54|0.998597245|+1|13|01.5

2030|Oct|11|13|07|13.157|-1|7|08|34.09|0.998309528|+1|13|17.2

2030|Oct|12|13|10|54.467|-1|7|31|05.86|0.998023533|+1|13|32.5

2030|Oct|13|13|14|36.293|-1|7|53|31.50|0.997739292|+1|13|47.2

2030|Oct|14|13|18|18.656|-1|8|15|50.66|0.997456798|+1|14|01.4

2030|Oct|15|13|22|01.575|-1|8|38|02.97|0.997176005|+1|14|15.0

2030|Oct|16|13|25|45.071|-1|9|00|08.05|0.996896842|+1|14|28.1

2030|Oct|17|13|29|29.163|-1|9|22|05.52|0.996619211|+1|14|40.5

2030|Oct|18|13|33|13.869|-1|9|43|55.00|0.996342996|+1|14|52.4

2030|Oct|19|13|36|59.207|-1|10|05|36.09|0.996068065|+1|15|03.6

2030|Oct|20|13|40|45.192|-1|10|27|08.40|0.995794267|+1|15|14.2

2030|Oct|21|13|44|31.841|-1|10|48|31.53|0.995521434|+1|15|24.1

2030|Oct|22|13|48|19.169|-1|11|09|45.08|0.995249388|+1|15|33.3

2030|Oct|23|13|52|07.192|-1|11|30|48.63|0.994977942|+1|15|41.8

2030|Oct|24|13|55|55.922|-1|11|51|41.78|0.994706915|+1|15|49.6

2030|Oct|25|13|59|45.373|-1|12|12|24.13|0.994436151|+1|15|56.7

2030|Oct|26|14|03|35.556|-1|12|32|55.26|0.994165547|+1|16|03.1

2030|Oct|27|14|07|26.480|-1|12|53|14.76|0.993895072|+1|16|08.7

2030|Oct|28|14|11|18.154|-1|13|13|22.22|0.993624801|+1|16|13.6

2030|Oct|29|14|15|10.582|-1|13|33|17.22|0.993354911|+1|16|17.8

2030|Oct|30|14|19|03.770|-1|13|52|59.34|0.993085684|+1|16|21.1

2030|Oct|31|14|22|57.722|-1|14|12|28.17|0.992817478|+1|16|23.7

2030|Nov|01|14|26|52.445|-1|14|31|43.28|0.992550699|+1|16|25.6

2030|Nov|02|14|30|47.943|-1|14|50|44.25|0.992285770|+1|16|26.6

2030|Nov|03|14|34|44.228|-1|15|09|30.70|0.992023105|+1|16|26.9

2030|Nov|04|14|38|41.307|-1|15|28|02.22|0.991763094|+1|16|26.4

2030|Nov|05|14|42|39.190|-1|15|46|18.42|0.991506086|+1|16|25.0

2030|Nov|06|14|46|37.889|-1|16|04|18.91|0.991252389|+1|16|22.9

2030|Nov|07|14|50|37.411|-1|16|22|03.31|0.991002260|+1|16|19.9

2030|Nov|08|14|54|37.766|-1|16|39|31.23|0.990755910|+1|16|16.1

2030|Nov|09|14|58|38.961|-1|16|56|42.29|0.990513499|+1|16|11.5

2030|Nov|10|15|02|41.003|-1|17|13|36.11|0.990275138|+1|16|06.0

2030|Nov|11|15|06|43.897|-1|17|30|12.29|0.990040895|+1|15|59.7

2030|Nov|12|15|10|47.646|-1|17|46|30.45|0.989810796|+1|15|52.5

2030|Nov|13|15|14|52.253|-1|18|02|30.19|0.989584826|+1|15|44.4

2030|Nov|14|15|18|57.718|-1|18|18|11.12|0.989362938|+1|15|35.5

2030|Nov|15|15|23|04.042|-1|18|33|32.85|0.989145055|+1|15|25.7

2030|Nov|16|15|27|11.222|-1|18|48|34.99|0.988931070|+1|15|15.1

2030|Nov|17|15|31|19.257|-1|19|03|17.14|0.988720846|+1|15|03.6

2030|Nov|18|15|35|28.142|-1|19|17|38.92|0.988514224|+1|14|51.3

2030|Nov|19|15|39|37.871|-1|19|31|39.95|0.988311013|+1|14|38.1

2030|Nov|20|15|43|48.440|-1|19|45|19.84|0.988110999|+1|14|24.1

2030|Nov|21|15|47|59.839|-1|19|58|38.21|0.987913952|+1|14|09.3

2030|Nov|22|15|52|12.058|-1|20|11|34.71|0.987719635|+1|13|53.6

2030|Nov|23|15|56|25.087|-1|20|24|08.98|0.987527828|+1|13|37.1

2030|Nov|24|16|00|38.908|-1|20|36|20.66|0.987338359|+1|13|19.9

2030|Nov|25|16|04|53.503|-1|20|48|09.43|0.987151135|+1|13|01.8

2030|Nov|26|16|09|08.851|-1|20|59|34.93|0.986966172|+1|12|43.1

2030|Nov|27|16|13|24.926|-1|21|10|36.85|0.986783601|+1|12|23.5

2030|Nov|28|16|17|41.705|-1|21|21|14.83|0.986603663|+1|12|03.3

2030|Nov|29|16|21|59.164|-1|21|31|28.57|0.986426683|+1|11|42.4

2030|Nov|30|16|26|17.280|-1|21|41|17.75|0.986253030|+1|11|20.9

2030|Dec|01|16|30|36.033|-1|21|50|42.08|0.986083089|+1|10|58.7

2030|Dec|02|16|34|55.402|-1|21|59|41.27|0.985917236|+1|10|35.9

2030|Dec|03|16|39|15.368|-1|22|08|15.05|0.985755820|+1|10|12.4

2030|Dec|04|16|43|35.910|-1|22|16|23.18|0.985599155|+1|9|48.4

2030|Dec|05|16|47|57.007|-1|22|24|05.41|0.985447517|+1|9|23.9

2030|Dec|06|16|52|18.637|-1|22|31|21.51|0.985301143|+1|8|58.8

2030|Dec|07|16|56|40.778|-1|22|38|11.25|0.985160230|+1|8|33.2

2030|Dec|08|17|01|03.405|-1|22|44|34.44|0.985024935|+1|8|07.2

2030|Dec|09|17|05|26.493|-1|22|50|30.85|0.984895374|+1|7|40.7

2030|Dec|10|17|09|50.017|-1|22|56|00.32|0.984771622|+1|7|13.7

2030|Dec|11|17|14|13.950|-1|23|01|02.64|0.984653716|+1|6|46.3

2030|Dec|12|17|18|38.264|-1|23|05|37.64|0.984541649|+1|6|18.6

2030|Dec|13|17|23|02.932|-1|23|09|45.18|0.984435379|+1|5|50.5

2030|Dec|14|17|27|27.923|-1|23|13|25.09|0.984334824|+1|5|22.0

2030|Dec|15|17|31|53.210|-1|23|16|37.24|0.984239864|+1|4|53.3

2030|Dec|16|17|36|18.762|-1|23|19|21.50|0.984150342|+1|4|24.3

2030|Dec|17|17|40|44.549|-1|23|21|37.76|0.984066068|+1|3|55.1

2030|Dec|18|17|45|10.540|-1|23|23|25.94|0.983986811|+1|3|25.6

2030|Dec|19|17|49|36.704|-1|23|24|45.95|0.983912310|+1|2|56.0

2030|Dec|20|17|54|03.008|-1|23|25|37.75|0.983842277|+1|2|26.3

2030|Dec|21|17|58|29.418|-1|23|26|01.29|0.983776411|+1|1|56.4

2030|Dec|22|18|02|55.897|-1|23|25|56.57|0.983714424|+1|1|26.5

2030|Dec|23|18|07|22.407|-1|23|25|23.58|0.983656069|+1|0|56.5

2030|Dec|24|18|11|48.906|-1|23|24|22.36|0.983601178|+1|0|26.6

2030|Dec|25|18|16|15.350|-1|23|22|52.94|0.983549688|-1|0|03.3

2030|Dec|26|18|20|41.697|-1|23|20|55.35|0.983501657|-1|0|33.0

2030|Dec|27|18|25|07.906|-1|23|18|29.65|0.983457252|-1|1|02.7

2030|Dec|28|18|29|33.938|-1|23|15|35.91|0.983416724|-1|1|32.2

2030|Dec|29|18|33|59.759|-1|23|12|14.20|0.983380373|-1|2|01.4

2030|Dec|30|18|38|25.336|-1|23|08|24.62|0.983348519|-1|2|30.5

2030|Dec|31|18|42|50.636|-1|23|04|07.28|0.983321475|-1|2|59.2

2031|Jan|01|18|47|15.630|-1|22|59|22.33|0.983299533|-1|3|27.7

2031|Jan|02|18|51|40.289|-1|22|54|09.89|0.983282958|-1|3|55.8

2031|Jan|03|18|56|04.582|-1|22|48|30.13|0.983271987|-1|4|23.5

2031|Jan|04|19|00|28.482|-1|22|42|23.22|0.983266821|-1|4|50.8

2031|Jan|05|19|04|51.963|-1|22|35|49.32|0.983267634|-1|5|17.8

2031|Jan|06|19|09|14.997|-1|22|28|48.65|0.983274567|-1|5|44.2

2031|Jan|07|19|13|37.559|-1|22|21|21.39|0.983287727|-1|6|10.2

2031|Jan|08|19|17|59.624|-1|22|13|27.75|0.983307187|-1|6|35.7

2031|Jan|09|19|22|21.170|-1|22|05|07.96|0.983332978|-1|7|00.7

2031|Jan|10|19|26|42.175|-1|21|56|22.23|0.983365093|-1|7|25.2

2031|Jan|11|19|31|02.616|-1|21|47|10.81|0.983403480|-1|7|49.0

2031|Jan|12|19|35|22.476|-1|21|37|33.94|0.983448040|-1|8|12.4

2031|Jan|13|19|39|41.735|-1|21|27|31.88|0.983498630|-1|8|35.1

2031|Jan|14|19|44|00.377|-1|21|17|04.90|0.983555059|-1|8|57.2

2031|Jan|15|19|48|18.386|-1|21|06|13.28|0.983617093|-1|9|18.6

2031|Jan|16|19|52|35.745|-1|20|54|57.30|0.983684451|-1|9|39.4

2031|Jan|17|19|56|52.441|-1|20|43|17.29|0.983756816|-1|9|59.6

2031|Jan|18|20|01|08.456|-1|20|31|13.57|0.983833841|-1|10|19.0

2031|Jan|19|20|05|23.776|-1|20|18|46.48|0.983915164|-1|10|37.8

2031|Jan|20|20|09|38.382|-1|20|05|56.38|0.984000436|-1|10|55.8

2031|Jan|21|20|13|52.256|-1|19|52|43.65|0.984089345|-1|11|13.1

2031|Jan|22|20|18|05.379|-1|19|39|08.65|0.984181654|-1|11|29.7

2031|Jan|23|20|22|17.732|-1|19|25|11.78|0.984277224|-1|11|45.5

2031|Jan|24|20|26|29.299|-1|19|10|53.42|0.984376027|-1|12|00.5

2031|Jan|25|20|30|40.067|-1|18|56|13.94|0.984478138|-1|12|14.7

2031|Jan|26|20|34|50.026|-1|18|41|13.73|0.984583717|-1|12|28.1

2031|Jan|27|20|38|59.168|-1|18|25|53.18|0.984692973|-1|12|40.7

2031|Jan|28|20|43|07.487|-1|18|10|12.68|0.984806142|-1|12|52.5

2031|Jan|29|20|47|14.979|-1|17|54|12.62|0.984923465|-1|13|03.4

2031|Jan|30|20|51|21.641|-1|17|37|53.42|0.985045172|-1|13|13.5

2031|Jan|31|20|55|27.472|-1|17|21|15.46|0.985171476|-1|13|22.8

2031|Feb|01|20|59|32.472|-1|17|04|19.15|0.985302570|-1|13|31.2

2031|Feb|02|21|03|36.640|-1|16|47|04.89|0.985438624|-1|13|38.8

2031|Feb|03|21|07|39.980|-1|16|29|33.08|0.985579790|-1|13|45.6

2031|Feb|04|21|11|42.495|-1|16|11|44.12|0.985726195|-1|13|51.6

2031|Feb|05|21|15|44.188|-1|15|53|38.40|0.985877941|-1|13|56.7

2031|Feb|06|21|19|45.067|-1|15|35|16.34|0.986035100|-1|14|01.0

2031|Feb|07|21|23|45.139|-1|15|16|38.31|0.986197708|-1|14|04.6

2031|Feb|08|21|27|44.413|-1|14|57|44.72|0.986365758|-1|14|07.3

2031|Feb|09|21|31|42.898|-1|14|38|35.95|0.986539195|-1|14|09.2

2031|Feb|10|21|35|40.608|-1|14|19|12.40|0.986717910|-1|14|10.4

2031|Feb|11|21|39|37.555|-1|13|59|34.45|0.986901738|-1|14|10.8

2031|Feb|12|21|43|33.751|-1|13|39|42.51|0.987090456|-1|14|10.4

2031|Feb|13|21|47|29.212|-1|13|19|36.97|0.987283784|-1|14|09.3

2031|Feb|14|21|51|23.949|-1|12|59|18.24|0.987481395|-1|14|07.5

2031|Feb|15|21|55|17.976|-1|12|38|46.74|0.987682919|-1|14|05.0

2031|Feb|16|21|59|11.304|-1|12|18|02.90|0.987887959|-1|14|01.7

2031|Feb|17|22|03|03.943|-1|11|57|07.15|0.988096110|-1|13|57.8

2031|Feb|18|22|06|55.902|-1|11|35|59.93|0.988306979|-1|13|53.2

2031|Feb|19|22|10|47.189|-1|11|14|41.68|0.988520216|-1|13|47.9

2031|Feb|20|22|14|37.814|-1|10|53|12.84|0.988735537|-1|13|42.0

2031|Feb|21|22|18|27.785|-1|10|31|33.85|0.988952747|-1|13|35.4

2031|Feb|22|22|22|17.115|-1|10|09|45.13|0.989171746|-1|13|28.2

2031|Feb|23|22|26|05.815|-1|9|47|47.11|0.989392527|-1|13|20.4

2031|Feb|24|22|29|53.899|-1|9|25|40.21|0.989615159|-1|13|11.9

2031|Feb|25|22|33|41.380|-1|9|03|24.85|0.989839764|-1|13|02.8

2031|Feb|26|22|37|28.274|-1|8|41|01.45|0.990066497|-1|12|53.2

2031|Feb|27|22|41|14.597|-1|8|18|30.41|0.990295531|-1|12|43.0

2031|Feb|28|22|45|00.364|-1|7|55|52.14|0.990527037|-1|12|32.2

2031|Mar|01|22|48|45.593|-1|7|33|07.04|0.990761186|-1|12|20.8

2031|Mar|02|22|52|30.299|-1|7|10|15.52|0.990998138|-1|12|09.0

2031|Mar|03|22|56|14.503|-1|6|47|17.96|0.991238044|-1|11|56.6

2031|Mar|04|22|59|58.222|-1|6|24|14.75|0.991481047|-1|11|43.8

2031|Mar|05|23|03|41.475|-1|6|01|06.27|0.991727275|-1|11|30.5

2031|Mar|06|23|07|24.285|-1|5|37|52.91|0.991976840|-1|11|16.8

2031|Mar|07|23|11|06.671|-1|5|14|35.02|0.992229834|-1|11|02.6

2031|Mar|08|23|14|48.656|-1|4|51|12.98|0.992486314|-1|10|48.0

2031|Mar|09|23|18|30.265|-1|4|27|47.15|0.992746297|-1|10|33.1

2031|Mar|10|23|22|11.521|-1|4|04|17.87|0.993009746|-1|10|17.8

2031|Mar|11|23|25|52.450|-1|3|40|45.50|0.993276560|-1|10|02.2

2031|Mar|12|23|29|33.077|-1|3|17|10.39|0.993546566|-1|9|46.3

2031|Mar|13|23|33|13.426|-1|2|53|32.89|0.993819522|-1|9|30.1

2031|Mar|14|23|36|53.522|-1|2|29|53.37|0.994095119|-1|9|13.6

2031|Mar|15|23|40|33.387|-1|2|06|12.19|0.994372993|-1|8|56.9

2031|Mar|16|23|44|13.041|-1|1|42|29.74|0.994652738|-1|8|40.0

2031|Mar|17|23|47|52.503|-1|1|18|46.40|0.994933929|-1|8|22.9

2031|Mar|18|23|51|31.792|-1|0|55|02.55|0.995216137|-1|8|05.6

2031|Mar|19|23|55|10.925|-1|0|31|18.58|0.995498959|-1|7|48.2

2031|Mar|20|23|58|49.920|-1|0|07|34.89|0.995782032|-1|7|30.7

2031|Mar|21|0|02|28.795|+1|0|16|08.14|0.996065059|-1|7|13.0

2031|Mar|22|0|06|07.567|+1|0|39|50.13|0.996347816|-1|6|55.2

2031|Mar|23|0|09|46.253|+1|1|03|30.70|0.996630160|-1|6|37.3

2031|Mar|24|0|13|24.872|+1|1|27|09.48|0.996912026|-1|6|19.4

2031|Mar|25|0|17|03.440|+1|1|50|46.10|0.997193416|-1|6|01.4

2031|Mar|26|0|20|41.975|+1|2|14|20.17|0.997474386|-1|5|43.4

2031|Mar|27|0|24|20.493|+1|2|37|51.35|0.997755029|-1|5|25.4

2031|Mar|28|0|27|59.012|+1|3|01|19.25|0.998035461|-1|5|07.3

2031|Mar|29|0|31|37.549|+1|3|24|43.52|0.998315816|-1|4|49.3

2031|Mar|30|0|35|16.123|+1|3|48|03.81|0.998596234|-1|4|31.3

2031|Mar|31|0|38|54.750|+1|4|11|19.76|0.998876860|-1|4|13.4

2031|Apr|01|0|42|33.450|+1|4|34|31.01|0.999157842|-1|3|55.6

2031|Apr|02|0|46|12.243|+1|4|57|37.23|0.999439328|-1|3|37.8

2031|Apr|03|0|49|51.146|+1|5|20|38.07|0.999721469|-1|3|20.2

2031|Apr|04|0|53|30.181|+1|5|43|33.20|1.000004408|-1|3|02.6

2031|Apr|05|0|57|09.369|+1|6|06|22.28|1.000288276|-1|2|45.3

2031|Apr|06|1|00|48.732|+1|6|29|05.00|1.000573178|-1|2|28.1

2031|Apr|07|1|04|28.293|+1|6|51|41.03|1.000859178|-1|2|11.1

2031|Apr|08|1|08|08.076|+1|7|14|10.07|1.001146282|-1|1|54.3

2031|Apr|09|1|11|48.103|+1|7|36|31.79|1.001434418|-1|1|37.8

2031|Apr|10|1|15|28.397|+1|7|58|45.89|1.001723431|-1|1|21.6

2031|Apr|11|1|19|08.979|+1|8|20|52.04|1.002013077|-1|1|05.6

2031|Apr|12|1|22|49.868|+1|8|42|49.90|1.002303036|-1|0|49.9

2031|Apr|13|1|26|31.081|+1|9|04|39.13|1.002592927|-1|0|34.6

2031|Apr|14|1|30|12.635|+1|9|26|19.40|1.002882332|-1|0|19.6

2031|Apr|15|1|33|54.544|+1|9|47|50.33|1.003170821|-1|0|04.9

2031|Apr|16|1|37|36.824|+1|10|09|11.59|1.003457972|+1|0|09.4

2031|Apr|17|1|41|19.488|+1|10|30|22.81|1.003743395|+1|0|23.2

2031|Apr|18|1|45|02.550|+1|10|51|23.66|1.004026745|+1|0|36.7

2031|Apr|19|1|48|46.022|+1|11|12|13.78|1.004307732|+1|0|49.8

2031|Apr|20|1|52|29.916|+1|11|32|52.84|1.004586134|+1|1|02.5

2031|Apr|21|1|56|14.241|+1|11|53|20.48|1.004861792|+1|1|14.7

2031|Apr|22|1|59|59.008|+1|12|13|36.36|1.005134612|+1|1|26.5

2031|Apr|23|2|03|44.224|+1|12|33|40.15|1.005404561|+1|1|37.8

2031|Apr|24|2|07|29.899|+1|12|53|31.51|1.005671651|+1|1|48.7

2031|Apr|25|2|11|16.038|+1|13|13|10.09|1.005935937|+1|1|59.1

2031|Apr|26|2|15|02.650|+1|13|32|35.56|1.006197505|+1|2|09.1

2031|Apr|27|2|18|49.742|+1|13|51|47.60|1.006456464|+1|2|18.5

2031|Apr|28|2|22|37.321|+1|14|10|45.86|1.006712942|+1|2|27.5

2031|Apr|29|2|26|25.394|+1|14|29|30.02|1.006967084|+1|2|36.0

2031|Apr|30|2|30|13.969|+1|14|47|59.76|1.007219048|+1|2|44.0

2031|May|01|2|34|03.053|+1|15|06|14.77|1.007469007|+1|2|51.4

2031|May|02|2|37|52.654|+1|15|24|14.72|1.007717145|+1|2|58.4

2031|May|03|2|41|42.782|+1|15|41|59.32|1.007963651|+1|3|04.8

2031|May|04|2|45|33.444|+1|15|59|28.25|1.008208714|+1|3|10.7

2031|May|05|2|49|24.650|+1|16|16|41.23|1.008452502|+1|3|16.0

2031|May|06|2|53|16.410|+1|16|33|37.97|1.008695145|+1|3|20.8

2031|May|07|2|57|08.734|+1|16|50|18.19|1.008936709|+1|3|25.1

2031|May|08|3|01|01.629|+1|17|06|41.61|1.009177171|+1|3|28.7

2031|May|09|3|04|55.103|+1|17|22|47.94|1.009416409|+1|3|31.8

2031|May|10|3|08|49.159|+1|17|38|36.88|1.009654198|+1|3|34.3

2031|May|11|3|12|43.802|+1|17|54|08.14|1.009890225|+1|3|36.2

2031|May|12|3|16|39.033|+1|18|09|21.42|1.010124116|+1|3|37.6

2031|May|13|3|20|34.852|+1|18|24|16.41|1.010355466|+1|3|38.3

2031|May|14|3|24|31.261|+1|18|38|52.83|1.010583863|+1|3|38.4

2031|May|15|3|28|28.257|+1|18|53|10.37|1.010808916|+1|3|38.0

2031|May|16|3|32|25.837|+1|19|07|08.76|1.011030268|+1|3|37.0

2031|May|17|3|36|23.997|+1|19|20|47.72|1.011247606|+1|3|35.4

2031|May|18|3|40|22.730|+1|19|34|06.97|1.011460667|+1|3|33.2

2031|May|19|3|44|22.028|+1|19|47|06.25|1.011669244|+1|3|30.4

2031|May|20|3|48|21.882|+1|19|59|45.30|1.011873185|+1|3|27.1

2031|May|21|3|52|22.281|+1|20|12|03.86|1.012072389|+1|3|23.3

2031|May|22|3|56|23.212|+1|20|24|01.68|1.012266807|+1|3|18.9

2031|May|23|4|00|24.662|+1|20|35|38.50|1.012456435|+1|3|14.0

2031|May|24|4|04|26.618|+1|20|46|54.09|1.012641309|+1|3|08.6

2031|May|25|4|08|29.066|+1|20|57|48.20|1.012821500|+1|3|02.7

2031|May|26|4|12|31.991|+1|21|08|20.61|1.012997111|+1|2|56.4

2031|May|27|4|16|35.379|+1|21|18|31.09|1.013168272|+1|2|49.5

2031|May|28|4|20|39.215|+1|21|28|19.42|1.013335138|+1|2|42.3

2031|May|29|4|24|43.486|+1|21|37|45.40|1.013497890|+1|2|34.5

2031|May|30|4|28|48.176|+1|21|46|48.83|1.013656732|+1|2|26.4

2031|May|31|4|32|53.272|+1|21|55|29.51|1.013811892|+1|2|17.9

2031|Jun|01|4|36|58.761|+1|22|03|47.27|1.013963613|+1|2|08.9

2031|Jun|02|4|41|04.629|+1|22|11|41.93|1.014112146|+1|1|59.6

2031|Jun|03|4|45|10.863|+1|22|19|13.35|1.014257730|+1|1|49.9

2031|Jun|04|4|49|17.451|+1|22|26|21.37|1.014400566|+1|1|39.9

2031|Jun|05|4|53|24.378|+1|22|33|05.84|1.014540787|+1|1|29.5

2031|Jun|06|4|57|31.630|+1|22|39|26.64|1.014678428|+1|1|18.9

2031|Jun|07|5|01|39.191|+1|22|45|23.62|1.014813410|+1|1|07.9

2031|Jun|08|5|05|47.044|+1|22|50|56.64|1.014945544|+1|0|56.6

2031|Jun|09|5|09|55.172|+1|22|56|05.56|1.015074545|+1|0|45.0

2031|Jun|10|5|14|03.559|+1|23|00|50.27|1.015200069|+1|0|33.2

2031|Jun|11|5|18|12.185|+1|23|05|10.65|1.015321744|+1|0|21.1

2031|Jun|12|5|22|21.032|+1|23|09|06.60|1.015439199|+1|0|08.8

2031|Jun|13|5|26|30.078|+1|23|12|38.03|1.015552087|-1|0|03.7

2031|Jun|14|5|30|39.301|+1|23|15|44.89|1.015660094|-1|0|16.4

2031|Jun|15|5|34|48.676|+1|23|18|27.09|1.015762946|-1|0|29.2

2031|Jun|16|5|38|58.178|+1|23|20|44.61|1.015860415|-1|0|42.1

2031|Jun|17|5|43|07.781|+1|23|22|37.39|1.015952316|-1|0|55.2

2031|Jun|18|5|47|17.457|+1|23|24|05.42|1.016038512|-1|1|08.3

2031|Jun|19|5|51|27.178|+1|23|25|08.66|1.016118906|-1|1|21.4

2031|Jun|20|5|55|36.916|+1|23|25|47.11|1.016193449|-1|1|34.6

2031|Jun|21|5|59|46.644|+1|23|26|00.77|1.016262131|-1|1|47.8

2031|Jun|22|6|03|56.332|+1|23|25|49.64|1.016324983|-1|2|00.9

2031|Jun|23|6|08|05.953|+1|23|25|13.74|1.016382075|-1|2|14.0

2031|Jun|24|6|12|15.482|+1|23|24|13.09|1.016433512|-1|2|27.0

2031|Jun|25|6|16|24.890|+1|23|22|47.72|1.016479437|-1|2|39.8

2031|Jun|26|6|20|34.155|+1|23|20|57.69|1.016520023|-1|2|52.5

2031|Jun|27|6|24|43.250|+1|23|18|43.05|1.016555479|-1|3|05.1

2031|Jun|28|6|28|52.153|+1|23|16|03.86|1.016586049|-1|3|17.4

2031|Jun|29|6|33|00.843|+1|23|13|00.20|1.016612005|-1|3|29.6

2031|Jun|30|6|37|09.298|+1|23|09|32.15|1.016633647|-1|3|41.5

2031|Jul|01|6|41|17.498|+1|23|05|39.80|1.016651286|-1|3|53.1

2031|Jul|02|6|45|25.425|+1|23|01|23.28|1.016665228|-1|4|04.5

2031|Jul|03|6|49|33.060|+1|22|56|42.68|1.016675738|-1|4|15.5

2031|Jul|04|6|53|40.386|+1|22|51|38.12|1.016683014|-1|4|26.3

2031|Jul|05|6|57|47.385|+1|22|46|09.71|1.016687146|-1|4|36.7

2031|Jul|06|7|01|54.042|+1|22|40|17.58|1.016688108|-1|4|46.8

2031|Jul|07|7|06|00.342|+1|22|34|01.83|1.016685757|-1|4|56.6

2031|Jul|08|7|10|06.271|+1|22|27|22.60|1.016679859|-1|5|05.9

2031|Jul|09|7|14|11.818|+1|22|20|20.03|1.016670118|-1|5|14.9

2031|Jul|10|7|18|16.968|+1|22|12|54.27|1.016656216|-1|5|23.5

2031|Jul|11|7|22|21.706|+1|22|05|05.51|1.016637834|-1|5|31.7

2031|Jul|12|7|26|26.018|+1|21|56|53.93|1.016614676|-1|5|39.5

2031|Jul|13|7|30|29.887|+1|21|48|19.73|1.016586474|-1|5|46.8

2031|Jul|14|7|34|33.297|+1|21|39|23.11|1.016552995|-1|5|53.6

2031|Jul|15|7|38|36.232|+1|21|30|04.30|1.016514043|-1|6|00.0

2031|Jul|16|7|42|38.675|+1|21|20|23.51|1.016469458|-1|6|05.9

2031|Jul|17|7|46|40.610|+1|21|10|20.97|1.016419114|-1|6|11.3

2031|Jul|18|7|50|42.021|+1|20|59|56.92|1.016362925|-1|6|16.1

2031|Jul|19|7|54|42.894|+1|20|49|11.59|1.016300842|-1|6|20.4

2031|Jul|20|7|58|43.214|+1|20|38|05.24|1.016232854|-1|6|24.2

2031|Jul|21|8|02|42.969|+1|20|26|38.10|1.016158994|-1|6|27.4

2031|Jul|22|8|06|42.146|+1|20|14|50.44|1.016079334|-1|6|30.0

2031|Jul|23|8|10|40.736|+1|20|02|42.51|1.015993987|-1|6|32.1

2031|Jul|24|8|14|38.730|+1|19|50|14.57|1.015903112|-1|6|33.5

2031|Jul|25|8|18|36.119|+1|19|37|26.89|1.015806907|-1|6|34.4

2031|Jul|26|8|22|32.899|+1|19|24|19.73|1.015705614|-1|6|34.6

2031|Jul|27|8|26|29.062|+1|19|10|53.36|1.015599517|-1|6|34.2

2031|Jul|28|8|30|24.607|+1|18|57|08.07|1.015488935|-1|6|33.2

2031|Jul|29|8|34|19.531|+1|18|43|04.13|1.015374220|-1|6|31.5

2031|Jul|30|8|38|13.832|+1|18|28|41.83|1.015255738|-1|6|29.3

2031|Jul|31|8|42|07.509|+1|18|14|01.43|1.015133848|-1|6|26.4

2031|Aug|01|8|46|00.565|+1|17|59|03.23|1.015008869|-1|6|22.9

2031|Aug|02|8|49|53.001|+1|17|43|47.49|1.014881047|-1|6|18.8

2031|Aug|03|8|53|44.823|+1|17|28|14.47|1.014750526|-1|6|14.0

2031|Aug|04|8|57|36.037|+1|17|12|24.42|1.014617335|-1|6|08.7

2031|Aug|05|9|01|26.653|+1|16|56|17.62|1.014481389|-1|6|02.8

2031|Aug|06|9|05|16.679|+1|16|39|54.34|1.014342517|-1|5|56.2

2031|Aug|07|9|09|06.125|+1|16|23|14.84|1.014200490|-1|5|49.1

2031|Aug|08|9|12|54.998|+1|16|06|19.44|1.014055053|-1|5|41.5

2031|Aug|09|9|16|43.306|+1|15|49|08.42|1.013905949|-1|5|33.2

2031|Aug|10|9|20|31.054|+1|15|31|42.11|1.013752933|-1|5|24.4

2031|Aug|11|9|24|18.250|+1|15|14|00.82|1.013595783|-1|5|15.0

2031|Aug|12|9|28|04.897|+1|14|56|04.87|1.013434303|-1|5|05.1

2031|Aug|13|9|31|51.001|+1|14|37|54.58|1.013268324|-1|4|54.7

2031|Aug|14|9|35|36.569|+1|14|19|30.28|1.013097703|-1|4|43.7

2031|Aug|15|9|39|21.606|+1|14|00|52.29|1.012922326|-1|4|32.2

2031|Aug|16|9|43|06.118|+1|13|42|00.95|1.012742107|-1|4|20.1

2031|Aug|17|9|46|50.113|+1|13|22|56.58|1.012556997|-1|4|07.6

2031|Aug|18|9|50|33.598|+1|13|03|39.50|1.012366982|-1|3|54.5

2031|Aug|19|9|54|16.581|+1|12|44|10.05|1.012172088|-1|3|40.9

2031|Aug|20|9|57|59.071|+1|12|24|28.56|1.011972390|-1|3|26.9

2031|Aug|21|10|01|41.078|+1|12|04|35.35|1.011768009|-1|3|12.3

2031|Aug|22|10|05|22.612|+1|11|44|30.75|1.011559121|-1|2|57.3

2031|Aug|23|10|09|03.685|+1|11|24|15.08|1.011345949|-1|2|41.8

2031|Aug|24|10|12|44.309|+1|11|03|48.69|1.011128772|-1|2|25.9

2031|Aug|25|10|16|24.496|+1|10|43|11.88|1.010907913|-1|2|09.5

2031|Aug|26|10|20|04.258|+1|10|22|24.99|1.010683737|-1|1|52.7

2031|Aug|27|10|23|43.611|+1|10|01|28.35|1.010456640|-1|1|35.5

2031|Aug|28|10|27|22.567|+1|9|40|22.27|1.010227031|-1|1|17.9

2031|Aug|29|10|31|01.142|+1|9|19|07.07|1.009995305|-1|1|00.0

2031|Aug|30|10|34|39.355|+1|8|57|43.05|1.009761816|-1|0|41.6

2031|Aug|31|10|38|17.224|+1|8|36|10.50|1.009526847|-1|0|22.9

2031|Sep|01|10|41|54.771|+1|8|14|29.72|1.009290583|-1|0|03.9

2031|Sep|02|10|45|32.019|+1|7|52|40.98|1.009053105|+1|0|15.4

2031|Sep|03|10|49|08.992|+1|7|30|44.57|1.008814393|+1|0|34.9

2031|Sep|04|10|52|45.714|+1|7|08|40.79|1.008574346|+1|0|54.8

2031|Sep|05|10|56|22.205|+1|6|46|29.95|1.008332806|+1|1|14.8

2031|Sep|06|10|59|58.487|+1|6|24|12.36|1.008089588|+1|1|35.1

2031|Sep|07|11|03|34.579|+1|6|01|48.34|1.007844493|+1|1|55.6

2031|Sep|08|11|07|10.499|+1|5|39|18.22|1.007597328|+1|2|16.2

2031|Sep|09|11|10|46.265|+1|5|16|42.35|1.007347911|+1|2|37.0

2031|Sep|10|11|14|21.894|+1|4|54|01.05|1.007096075|+1|2|57.9

2031|Sep|11|11|17|57.406|+1|4|31|14.67|1.006841667|+1|3|19.0

2031|Sep|12|11|21|32.815|+1|4|08|23.54|1.006584554|+1|3|40.1

2031|Sep|13|11|25|08.141|+1|3|45|28.01|1.006324619|+1|4|01.3

2031|Sep|14|11|28|43.399|+1|3|22|28.42|1.006061770|+1|4|22.6

2031|Sep|15|11|32|18.608|+1|2|59|25.11|1.005795940|+1|4|44.0

2031|Sep|16|11|35|53.784|+1|2|36|18.44|1.005527098|+1|5|05.3

2031|Sep|17|11|39|28.946|+1|2|13|08.75|1.005255253|+1|5|26.7

2031|Sep|18|11|43|04.111|+1|1|49|56.37|1.004980469|+1|5|48.1

2031|Sep|19|11|46|39.295|+1|1|26|41.67|1.004702866|+1|6|09.5

2031|Sep|20|11|50|14.518|+1|1|03|24.99|1.004422625|+1|6|30.8

2031|Sep|21|11|53|49.795|+1|0|40|06.67|1.004139993|+1|6|52.1

2031|Sep|22|11|57|25.145|+1|0|16|47.07|1.003855276|+1|7|13.3

2031|Sep|23|12|01|00.584|-1|0|06|33.45|1.003568832|+1|7|34.4

2031|Sep|24|12|04|36.131|-1|0|29|54.57|1.003281061|+1|7|55.4

2031|Sep|25|12|08|11.803|-1|0|53|15.91|1.002992388|+1|8|16.3

2031|Sep|26|12|11|47.620|-1|1|16|37.15|1.002703242|+1|8|37.0

2031|Sep|27|12|15|23.603|-1|1|39|57.96|1.002414034|+1|8|57.6

2031|Sep|28|12|18|59.777|-1|2|03|17.99|1.002125129|+1|9|18.0

2031|Sep|29|12|22|36.167|-1|2|26|36.95|1.001836824|+1|9|38.1

2031|Sep|30|12|26|12.798|-1|2|49|54.51|1.001549332|+1|9|58.1

2031|Oct|01|12|29|49.697|-1|3|13|10.35|1.001262774|+1|10|17.7

2031|Oct|02|12|33|26.891|-1|3|36|24.16|1.000977185|+1|10|37.1

2031|Oct|03|12|37|04.404|-1|3|59|35.60|1.000692527|+1|10|56.1

2031|Oct|04|12|40|42.259|-1|4|22|44.33|1.000408710|+1|11|14.8

2031|Oct|05|12|44|20.478|-1|4|45|50.00|1.000125608|+1|11|33.1

2031|Oct|06|12|47|59.083|-1|5|08|52.24|0.999843075|+1|11|51.1

2031|Oct|07|12|51|38.094|-1|5|31|50.70|0.999560959|+1|12|08.6

2031|Oct|08|12|55|17.531|-1|5|54|45.01|0.999279107|+1|12|25.7

2031|Oct|09|12|58|57.412|-1|6|17|34.79|0.998997368|+1|12|42.4

2031|Oct|10|13|02|37.757|-1|6|40|19.67|0.998715597|+1|12|58.6

2031|Oct|11|13|06|18.583|-1|7|02|59.26|0.998433654|+1|13|14.4

2031|Oct|12|13|09|59.909|-1|7|25|33.19|0.998151406|+1|13|29.6

2031|Oct|13|13|13|41.753|-1|7|48|01.06|0.997868732|+1|13|44.3

2031|Oct|14|13|17|24.130|-1|8|10|22.50|0.997585531|+1|13|58.4

2031|Oct|15|13|21|07.058|-1|8|32|37.11|0.997301734|+1|14|12.1

2031|Oct|16|13|24|50.551|-1|8|54|44.50|0.997017311|+1|14|25.1

2031|Oct|17|13|28|34.625|-1|9|16|44.27|0.996732293|+1|14|37.6

2031|Oct|18|13|32|19.293|-1|9|38|36.04|0.996446776|+1|14|49.5

2031|Oct|19|13|36|04.568|-1|10|00|19.41|0.996160936|+1|15|00.8

2031|Oct|20|13|39|50.460|-1|10|21|53.96|0.995875025|+1|15|11.4

2031|Oct|21|13|43|36.982|-1|10|43|19.30|0.995589363|+1|15|21.5

2031|Oct|22|13|47|24.144|-1|11|04|35.02|0.995304328|+1|15|30.9

2031|Oct|23|13|51|11.959|-1|11|25|40.72|0.995020335|+1|15|39.6

2031|Oct|24|13|55|00.441|-1|11|46|35.99|0.994737817|+1|15|47.7

2031|Oct|25|13|58|49.603|-1|12|07|20.45|0.994457198|+1|15|55.1

2031|Oct|26|14|02|39.464|-1|12|27|53.71|0.994178877|+1|16|01.8

2031|Oct|27|14|06|30.039|-1|12|48|15.39|0.993903207|+1|16|07.7

2031|Oct|28|14|10|21.348|-1|13|08|25.11|0.993630478|+1|16|13.0

2031|Oct|29|14|14|13.407|-1|13|28|22.50|0.993360910|+1|16|17.5

2031|Oct|30|14|18|06.233|-1|13|48|07.17|0.993094644|+1|16|21.2

2031|Oct|31|14|21|59.841|-1|14|07|38.76|0.992831754|+1|16|24.1

2031|Nov|01|14|25|54.245|-1|14|26|56.85|0.992572245|+1|16|26.3

2031|Nov|02|14|29|49.457|-1|14|46|01.06|0.992316077|+1|16|27.6

2031|Nov|03|14|33|45.488|-1|15|04|50.99|0.992063167|+1|16|28.2

2031|Nov|04|14|37|42.347|-1|15|23|26.23|0.991813407|+1|16|27.9

2031|Nov|05|14|41|40.044|-1|15|41|46.37|0.991566672|+1|16|26.7

2031|Nov|06|14|45|38.585|-1|15|59|51.01|0.991322822|+1|16|24.7

2031|Nov|07|14|49|37.978|-1|16|17|39.72|0.991081711|+1|16|21.9

2031|Nov|08|14|53|38.226|-1|16|35|12.11|0.990843182|+1|16|18.2

2031|Nov|09|14|57|39.335|-1|16|52|27.75|0.990607075|+1|16|13.6

2031|Nov|10|15|01|41.307|-1|17|09|26.25|0.990373223|+1|16|08.2

2031|Nov|11|15|05|44.145|-1|17|26|07.20|0.990141460|+1|16|01.9

2031|Nov|12|15|09|47.847|-1|17|42|30.19|0.989911627|+1|15|54.8

2031|Nov|13|15|13|52.414|-1|17|58|34.82|0.989683591|+1|15|46.8

2031|Nov|14|15|17|57.840|-1|18|14|20.69|0.989457257|+1|15|37.9

2031|Nov|15|15|22|04.119|-1|18|29|47.42|0.989232594|+1|15|28.2

2031|Nov|16|15|26|11.244|-1|18|44|54.60|0.989009651|+1|15|17.6

2031|Nov|17|15|30|19.202|-1|18|59|41.85|0.988788567|+1|15|06.2

2031|Nov|18|15|34|27.981|-1|19|14|08.76|0.988569577|+1|14|54.0

2031|Nov|19|15|38|37.570|-1|19|28|14.94|0.988352992|+1|14|41.0

2031|Nov|20|15|42|47.958|-1|19|42|00.02|0.988139184|+1|14|27.1

2031|Nov|21|15|46|59.133|-1|19|55|23.62|0.987928556|+1|14|12.5

2031|Nov|22|15|51|11.087|-1|20|08|25.37|0.987721519|+1|13|57.1

2031|Nov|23|15|55|23.810|-1|20|21|04.92|0.987518467|+1|13|41.0

2031|Nov|24|15|59|37.295|-1|20|33|21.93|0.987319763|+1|13|24.0

2031|Nov|25|16|03|51.533|-1|20|45|16.07|0.987125724|+1|13|06.3

2031|Nov|26|16|08|06.513|-1|20|56|47.03|0.986936613|+1|12|47.9

2031|Nov|27|16|12|22.225|-1|21|07|54.47|0.986752633|+1|12|28.8

2031|Nov|28|16|16|38.656|-1|21|18|38.10|0.986573925|+1|12|08.9

2031|Nov|29|16|20|55.791|-1|21|28|57.60|0.986400574|+1|11|48.3

2031|Nov|30|16|25|13.615|-1|21|38|52.68|0.986232607|+1|11|27.0

2031|Dec|01|16|29|32.111|-1|21|48|23.04|0.986070006|+1|11|05.1

2031|Dec|02|16|33|51.261|-1|21|57|28.39|0.985912711|+1|10|42.5

2031|Dec|03|16|38|11.045|-1|22|06|08.45|0.985760632|+1|10|19.3

2031|Dec|04|16|42|31.443|-1|22|14|22.94|0.985613650|+1|9|55.5

2031|Dec|05|16|46|52.432|-1|22|22|11.61|0.985471624|+1|9|31.0

2031|Dec|06|16|51|13.989|-1|22|29|34.20|0.985334393|+1|9|06.0

2031|Dec|07|16|55|36.091|-1|22|36|30.47|0.985201779|+1|8|40.5

2031|Dec|08|16|59|58.713|-1|22|43|00.19|0.985073583|+1|8|14.4

2031|Dec|09|17|04|21.827|-1|22|49|03.16|0.984949591|+1|7|47.8

2031|Dec|10|17|08|45.405|-1|22|54|39.17|0.984829574|+1|7|20.8

2031|Dec|11|17|13|09.418|-1|22|59|48.05|0.984713303|+1|6|53.4

2031|Dec|12|17|17|33.834|-1|23|04|29.62|0.984600559|+1|6|25.5

2031|Dec|13|17|21|58.617|-1|23|08|43.75|0.984491160|+1|5|57.3

2031|Dec|14|17|26|23.731|-1|23|12|30.29|0.984384988|+1|5|28.7

2031|Dec|15|17|30|49.135|-1|23|15|49.13|0.984282016|+1|4|59.9

2031|Dec|16|17|35|14.789|-1|23|18|40.14|0.984182321|+1|4|30.8

2031|Dec|17|17|39|40.652|-1|23|21|03.21|0.984086087|+1|4|01.5

2031|Dec|18|17|44|06.686|-1|23|22|58.26|0.983993589|+1|3|32.0

2031|Dec|19|17|48|32.855|-1|23|24|25.20|0.983905161|+1|3|02.4

2031|Dec|20|17|52|59.125|-1|23|25|23.98|0.983821165|+1|2|32.7

2031|Dec|21|17|57|25.462|-1|23|25|54.55|0.983741967|+1|2|02.9

2031|Dec|22|18|01|51.834|-1|23|25|56.89|0.983667910|+1|1|33.1

2031|Dec|23|18|06|18.210|-1|23|25|31.00|0.983599303|+1|1|03.3

2031|Dec|24|18|10|44.558|-1|23|24|36.87|0.983536413|+1|0|33.5

2031|Dec|25|18|15|10.847|-1|23|23|14.54|0.983479461|+1|0|03.7

2031|Dec|26|18|19|37.046|-1|23|21|24.04|0.983428619|-1|0|25.9

2031|Dec|27|18|24|03.122|-1|23|19|05.41|0.983384010|-1|0|55.4

2031|Dec|28|18|28|29.047|-1|23|16|18.72|0.983345710|-1|1|24.8

2031|Dec|29|18|32|54.787|-1|23|13|04.03|0.983313746|-1|1|54.0

2031|Dec|30|18|37|20.315|-1|23|09|21.42|0.983288105|-1|2|22.9

2031|Dec|31|18|41|45.599|-1|23|05|11.01|0.983268730|-1|2|51.6

2032|Jan|01|18|46|10.611|-1|23|00|32.88|0.983255529|-1|3|20.1

2032|Jan|02|18|50|35.323|-1|22|55|27.17|0.983248378|-1|3|48.3

2032|Jan|03|18|54|59.706|-1|22|49|54.01|0.983247120|-1|4|16.1

2032|Jan|04|18|59|23.733|-1|22|43|53.57|0.983251569|-1|4|43.6

2032|Jan|05|19|03|47.377|-1|22|37|25.99|0.983261512|-1|5|10.7

2032|Jan|06|19|08|10.613|-1|22|30|31.48|0.983276706|-1|5|37.3

2032|Jan|07|19|12|33.413|-1|22|23|10.23|0.983296880|-1|6|03.6

2032|Jan|08|19|16|55.751|-1|22|15|22.47|0.983321741|-1|6|29.4

2032|Jan|09|19|21|17.600|-1|22|07|08.42|0.983350979|-1|6|54.7

2032|Jan|10|19|25|38.932|-1|21|58|28.34|0.983384291|-1|7|19.4

2032|Jan|11|19|29|59.718|-1|21|49|22.51|0.983421401|-1|7|43.6

2032|Jan|12|19|34|19.928|-1|21|39|51.21|0.983462096|-1|8|07.3

2032|Jan|13|19|38|39.530|-1|21|29|54.73|0.983506259|-1|8|30.3

2032|Jan|14|19|42|58.497|-1|21|19|33.35|0.983553884|-1|8|52.7

2032|Jan|15|19|47|16.803|-1|21|08|47.39|0.983605086|-1|9|14.5

2032|Jan|16|19|51|34.424|-1|20|57|37.14|0.983660071|-1|9|35.6

2032|Jan|17|19|55|51.342|-1|20|46|02.92|0.983719114|-1|9|55.9

2032|Jan|18|20|00|07.539|-1|20|34|05.05|0.983782518|-1|10|15.6

2032|Jan|19|20|04|23.001|-1|20|21|43.87|0.983850585|-1|10|34.5

2032|Jan|20|20|08|37.713|-1|20|08|59.71|0.983923600|-1|10|52.6

2032|Jan|21|20|12|51.664|-1|19|55|52.91|0.984001816|-1|11|10.0

2032|Jan|22|20|17|04.843|-1|19|42|23.84|0.984085449|-1|11|26.7

2032|Jan|23|20|21|17.240|-1|19|28|32.84|0.984174678|-1|11|42.5

2032|Jan|24|20|25|28.848|-1|19|14|20.27|0.984269643|-1|11|57.5

2032|Jan|25|20|29|39.659|-1|18|59|46.49|0.984370445|-1|12|11.8

2032|Jan|26|20|33|49.669|-1|18|44|51.86|0.984477146|-1|12|25.2

2032|Jan|27|20|37|58.873|-1|18|29|36.76|0.984589768|-1|12|37.9

2032|Jan|28|20|42|07.269|-1|18|14|01.54|0.984708295|-1|12|49.7

2032|Jan|29|20|46|14.857|-1|17|58|06.59|0.984832668|-1|13|00.8

2032|Jan|30|20|50|21.636|-1|17|41|52.27|0.984962793|-1|13|11.0

2032|Jan|31|20|54|27.608|-1|17|25|18.97|0.985098534|-1|13|20.4

2032|Feb|01|20|58|32.776|-1|17|08|27.07|0.985239716|-1|13|29.0

2032|Feb|02|21|02|37.142|-1|16|51|16.95|0.985386129|-1|13|36.8

2032|Feb|03|21|06|40.711|-1|16|33|49.03|0.985537525|-1|13|43.9

2032|Feb|04|21|10|43.488|-1|16|16|03.69|0.985693615|-1|13|50.1

2032|Feb|05|21|14|45.476|-1|15|58|01.36|0.985854079|-1|13|55.5

2032|Feb|06|21|18|46.680|-1|15|39|42.43|0.986018563|-1|14|00.2

2032|Feb|07|21|22|47.102|-1|15|21|07.36|0.986186692|-1|14|04.0

2032|Feb|08|21|26|46.745|-1|15|02|16.56|0.986358091|-1|14|07.1

2032|Feb|09|21|30|45.611|-1|14|43|10.49|0.986532407|-1|14|09.4

2032|Feb|10|21|34|43.699|-1|14|23|49.58|0.986709351|-1|14|10.9

2032|Feb|11|21|38|41.012|-1|14|04|14.28|0.986888725|-1|14|11.7

2032|Feb|12|21|42|37.553|-1|13|44|25.02|0.987070447|-1|14|11.7

2032|Feb|13|21|46|33.328|-1|13|24|22.24|0.987254552|-1|14|10.9

2032|Feb|14|21|50|28.343|-1|13|04|06.35|0.987441172|-1|14|09.4

2032|Feb|15|21|54|22.609|-1|12|43|37.79|0.987630510|-1|14|07.1

2032|Feb|16|21|58|16.134|-1|12|22|56.97|0.987822802|-1|14|04.1

2032|Feb|17|22|02|08.930|-1|12|02|04.33|0.988018290|-1|14|00.3

2032|Feb|18|22|06|01.010|-1|11|41|00.28|0.988217204|-1|13|55.8

2032|Feb|19|22|09|52.386|-1|11|19|45.24|0.988419753|-1|13|50.7

2032|Feb|20|22|13|43.072|-1|10|58|19.61|0.988626114|-1|13|44.8

2032|Feb|21|22|17|33.083|-1|10|36|43.80|0.988836438|-1|13|38.2

2032|Feb|22|22|21|22.435|-1|10|14|58.21|0.989050847|-1|13|31.0

2032|Feb|23|22|25|11.146|-1|9|53|03.24|0.989269432|-1|13|23.2

2032|Feb|24|22|28|59.233|-1|9|30|59.28|0.989492254|-1|13|14.7

2032|Feb|25|22|32|46.715|-1|9|08|46.72|0.989719342|-1|13|05.7

2032|Feb|26|22|36|33.612|-1|8|46|25.94|0.989950687|-1|12|56.0

2032|Feb|27|22|40|19.945|-1|8|23|57.32|0.990186243|-1|12|45.8

2032|Feb|28|22|44|05.735|-1|8|01|21.25|0.990425921|-1|12|35.0

2032|Feb|29|22|47|51.004|-1|7|38|38.11|0.990669587|-1|12|23.8

2032|Mar|01|22|51|35.774|-1|7|15|48.26|0.990917061|-1|12|12.0

2032|Mar|02|22|55|20.067|-1|6|52|52.10|0.991168117|-1|11|59.7

2032|Mar|03|22|59|03.905|-1|6|29|50.01|0.991422480|-1|11|47.0

2032|Mar|04|23|02|47.307|-1|6|06|42.36|0.991679832|-1|11|33.9

2032|Mar|05|23|06|30.296|-1|5|43|29.56|0.991939810|-1|11|20.3

2032|Mar|06|23|10|12.888|-1|5|20|11.99|0.992202021|-1|11|06.3

2032|Mar|07|23|13|55.102|-1|4|56|50.07|0.992466045|-1|10|52.0

2032|Mar|08|23|17|36.955|-1|4|33|24.20|0.992731466|-1|10|37.3

2032|Mar|09|23|21|18.462|-1|4|09|54.78|0.992997889|-1|10|22.2

2032|Mar|10|23|24|59.639|-1|3|46|22.22|0.993264983|-1|10|06.9

2032|Mar|11|23|28|40.502|-1|3|22|46.92|0.993532502|-1|9|51.2

2032|Mar|12|23|32|21.068|-1|2|59|09.28|0.993800310|-1|9|35.2

2032|Mar|13|23|36|01.354|-1|2|35|29.69|0.994068379|-1|9|18.9

2032|Mar|14|23|39|41.377|-1|2|11|48.53|0.994336777|-1|9|02.4

2032|Mar|15|23|43|21.154|-1|1|48|06.20|0.994605640|-1|8|45.6

2032|Mar|16|23|47|00.703|-1|1|24|23.07|0.994875144|-1|8|28.6

2032|Mar|17|23|50|40.041|-1|1|00|39.53|0.995145481|-1|8|11.4

2032|Mar|18|23|54|19.187|-1|0|36|55.95|0.995416842|-1|7|54.0

2032|Mar|19|23|57|58.160|-1|0|13|12.70|0.995689404|-1|7|36.4

2032|Mar|20|0|01|36.982|+1|0|10|29.87|0.995963330|-1|7|18.7

2032|Mar|21|0|05|15.671|+1|0|34|11.39|0.996238763|-1|7|00.8

2032|Mar|22|0|08|54.250|+1|0|57|51.51|0.996515827|-1|6|42.8

2032|Mar|23|0|12|32.741|+1|1|21|29.88|0.996794626|-1|6|24.8

2032|Mar|24|0|16|11.166|+1|1|45|06.16|0.997075241|-1|6|06.7

2032|Mar|25|0|19|49.548|+1|2|08|40.01|0.997357730|-1|5|48.5

2032|Mar|26|0|23|27.911|+1|2|32|11.08|0.997642116|-1|5|30.3

2032|Mar|27|0|27|06.280|+1|2|55|39.06|0.997928384|-1|5|12.1

2032|Mar|28|0|30|44.677|+1|3|19|03.60|0.998216476|-1|4|54.0

2032|Mar|29|0|34|23.128|+1|3|42|24.38|0.998506281|-1|4|35.9

2032|Mar|30|0|38|01.657|+1|4|05|41.06|0.998797631|-1|4|17.9

2032|Mar|31|0|41|40.285|+1|4|28|53.31|0.999090300|-1|3|59.9

2032|Apr|01|0|45|19.036|+1|4|52|00.79|0.999384006|-1|3|42.1

2032|Apr|02|0|48|57.929|+1|5|15|03.16|0.999678411|-1|3|24.5

2032|Apr|03|0|52|36.984|+1|5|38|00.06|0.999973133|-1|3|07.0

2032|Apr|04|0|56|16.219|+1|6|00|51.15|1.000267756|-1|2|49.6

2032|Apr|05|0|59|55.652|+1|6|23|36.05|1.000561848|-1|2|32.5

2032|Apr|06|1|03|35.299|+1|6|46|14.41|1.000854981|-1|2|15.6

2032|Apr|07|1|07|15.176|+1|7|08|45.87|1.001146761|-1|1|58.9

2032|Apr|08|1|10|55.299|+1|7|31|10.07|1.001436851|-1|1|42.5

2032|Apr|09|1|14|35.681|+1|7|53|26.65|1.001724997|-1|1|26.3

2032|Apr|10|1|18|16.338|+1|8|15|35.27|1.002011040|-1|1|10.5

2032|Apr|11|1|21|57.282|+1|8|37|35.56|1.002294918|-1|0|54.8

2032|Apr|12|1|25|38.525|+1|8|59|27.18|1.002576652|-1|0|39.5

2032|Apr|13|1|29|20.079|+1|9|21|09.77|1.002856331|-1|0|24.5

2032|Apr|14|1|33|01.956|+1|9|42|42.99|1.003134085|-1|0|09.9

2032|Apr|15|1|36|44.168|+1|10|04|06.47|1.003410071|+1|0|04.5

2032|Apr|16|1|40|26.727|+1|10|25|19.89|1.003684454|+1|0|18.5

2032|Apr|17|1|44|09.648|+1|10|46|22.90|1.003957400|+1|0|32.1

2032|Apr|18|1|47|52.943|+1|11|07|15.16|1.004229071|+1|0|45.4

2032|Apr|19|1|51|36.626|+1|11|27|56.35|1.004499621|+1|0|58.3

2032|Apr|20|1|55|20.713|+1|11|48|26.13|1.004769197|+1|1|10.7

2032|Apr|21|1|59|05.217|+1|12|08|44.19|1.005037935|+1|1|22.8

2032|Apr|22|2|02|50.153|+1|12|28|50.21|1.005305959|+1|1|34.4

2032|Apr|23|2|06|35.537|+1|12|48|43.86|1.005573374|+1|1|45.5

2032|Apr|24|2|10|21.384|+1|13|08|24.84|1.005840261|+1|1|56.2

2032|Apr|25|2|14|07.710|+1|13|27|52.84|1.006106662|+1|2|06.5

2032|Apr|26|2|17|54.528|+1|13|47|07.56|1.006372569|+1|2|16.2

2032|Apr|27|2|21|41.854|+1|14|06|08.68|1.006637915|+1|2|25.4

2032|Apr|28|2|25|29.700|+1|14|24|55.91|1.006902564|+1|2|34.1

2032|Apr|29|2|29|18.079|+1|14|43|28.93|1.007166307|+1|2|42.3

2032|Apr|30|2|33|07.000|+1|15|01|47.42|1.007428868|+1|2|50.0

2032|May|01|2|36|56.472|+1|15|19|51.07|1.007689905|+1|2|57.0

2032|May|02|2|40|46.504|+1|15|37|39.55|1.007949034|+1|3|03.6

2032|May|03|2|44|37.102|+1|15|55|12.54|1.008205839|+1|3|09.5

2032|May|04|2|48|28.271|+1|16|12|29.73|1.008459900|+1|3|14.9

2032|May|05|2|52|20.018|+1|16|29|30.78|1.008710811|+1|3|19.7

2032|May|06|2|56|12.343|+1|16|46|15.39|1.008958206|+1|3|23.9

2032|May|07|3|00|05.250|+1|17|02|43.25|1.009201775|+1|3|27.6

2032|May|08|3|03|58.738|+1|17|18|54.05|1.009441283|+1|3|30.6

2032|May|09|3|07|52.805|+1|17|34|47.49|1.009676577|+1|3|33.1

2032|May|10|3|11|47.446|+1|17|50|23.26|1.009907583|+1|3|35.1

2032|May|11|3|15|42.657|+1|18|05|41.07|1.010134299|+1|3|36.4

2032|May|12|3|19|38.433|+1|18|20|40.61|1.010356786|+1|3|37.2

2032|May|13|3|23|34.768|+1|18|35|21.59|1.010575146|+1|3|37.4

2032|May|14|3|27|31.656|+1|18|49|43.71|1.010789512|+1|3|37.1

2032|May|15|3|31|29.093|+1|19|03|46.70|1.011000039|+1|3|36.2

2032|May|16|3|35|27.073|+1|19|17|30.26|1.011206892|+1|3|34.8

2032|May|17|3|39|25.592|+1|19|30|54.14|1.011410242|+1|3|32.8

2032|May|18|3|43|24.644|+1|19|43|58.06|1.011610267|+1|3|30.3

2032|May|19|3|47|24.224|+1|19|56|41.77|1.011807147|+1|3|27.3

2032|May|20|3|51|24.327|+1|20|09|05.02|1.012001064|+1|3|23.7

2032|May|21|3|55|24.948|+1|20|21|07.55|1.012192198|+1|3|19.7

2032|May|22|3|59|26.082|+1|20|32|49.14|1.012380719|+1|3|15.1

2032|May|23|4|03|27.723|+1|20|44|09.55|1.012566778|+1|3|10.0

2032|May|24|4|07|29.866|+1|20|55|08.57|1.012750490|+1|3|04.4

2032|May|25|4|11|32.504|+1|21|05|45.98|1.012931918|+1|2|58.3

2032|May|26|4|15|35.629|+1|21|16|01.56|1.013111055|+1|2|51.8

2032|May|27|4|19|39.232|+1|21|25|55.12|1.013287808|+1|2|44.7

2032|May|28|4|23|43.303|+1|21|35|26.43|1.013461999|+1|2|37.2

2032|May|29|4|27|47.832|+1|21|44|35.29|1.013633366|+1|2|29.2

2032|May|30|4|31|52.807|+1|21|53|21.50|1.013801581|+1|2|20.8

2032|May|31|4|35|58.214|+1|22|01|44.86|1.013966269|+1|2|12.0

2032|Jun|01|4|40|04.040|+1|22|09|45.18|1.014127039|+1|2|02.7

2032|Jun|02|4|44|10.270|+1|22|17|22.29|1.014283501|+1|1|53.0

2032|Jun|03|4|48|16.885|+1|22|24|36.03|1.014435292|+1|1|43.0

2032|Jun|04|4|52|23.868|+1|22|31|26.24|1.014582091|+1|1|32.5

2032|Jun|05|4|56|31.197|+1|22|37|52.78|1.014723631|+1|1|21.8

2032|Jun|06|5|00|38.848|+1|22|43|55.52|1.014859712|+1|1|10.7

2032|Jun|07|5|04|46.797|+1|22|49|34.33|1.014990200|+1|0|59.3

2032|Jun|08|5|08|55.018|+1|22|54|49.09|1.015115025|+1|0|47.6

2032|Jun|09|5|13|03.485|+1|22|59|39.68|1.015234181|+1|0|35.7

2032|Jun|10|5|17|12.173|+1|23|04|06.00|1.015347713|+1|0|23.6

2032|Jun|11|5|21|21.055|+1|23|08|07.95|1.015455710|+1|0|11.3

2032|Jun|12|5|25|30.105|+1|23|11|45.44|1.015558293|-1|0|01.2

2032|Jun|13|5|29|39.300|+1|23|14|58.38|1.015655614|-1|0|13.9

2032|Jun|14|5|33|48.615|+1|23|17|46.72|1.015747844|-1|0|26.6

2032|Jun|15|5|37|58.025|+1|23|20|10.40|1.015835169|-1|0|39.5

2032|Jun|16|5|42|07.509|+1|23|22|09.36|1.015917795|-1|0|52.4

2032|Jun|17|5|46|17.042|+1|23|23|43.57|1.015995939|-1|1|05.4

2032|Jun|18|5|50|26.603|+1|23|24|53.01|1.016069834|-1|1|18.4

2032|Jun|19|5|54|36.170|+1|23|25|37.66|1.016139719|-1|1|31.4

2032|Jun|20|5|58|45.722|+1|23|25|57.52|1.016205836|-1|1|44.4

2032|Jun|21|6|02|55.238|+1|23|25|52.59|1.016268413|-1|1|57.4

2032|Jun|22|6|07|04.697|+1|23|25|22.89|1.016327647|-1|2|10.3

2032|Jun|23|6|11|14.079|+1|23|24|28.44|1.016383678|-1|2|23.1

2032|Jun|24|6|15|23.365|+1|23|23|09.27|1.016436565|-1|2|35.8

2032|Jun|25|6|19|32.534|+1|23|21|25.41|1.016486269|-1|2|48.4

2032|Jun|26|6|23|41.567|+1|23|19|16.90|1.016532648|-1|3|00.9

2032|Jun|27|6|27|50.445|+1|23|16|43.77|1.016575467|-1|3|13.2

2032|Jun|28|6|31|59.150|+1|23|13|46.09|1.016614420|-1|3|25.4

2032|Jun|29|6|36|07.665|+1|23|10|23.92|1.016649163|-1|3|37.3

2032|Jun|30|6|40|15.968|+1|23|06|37.36|1.016679338|-1|3|49.1

2032|Jul|01|6|44|24.040|+1|23|02|26.50|1.016704602|-1|4|00.6

2032|Jul|02|6|48|31.858|+1|22|57|51.46|1.016724642|-1|4|11.9

2032|Jul|03|6|52|39.400|+1|22|52|52.36|1.016739188|-1|4|22.9

2032|Jul|04|6|56|46.641|+1|22|47|29.35|1.016748021|-1|4|33.5

2032|Jul|05|7|00|53.557|+1|22|41|42.57|1.016750975|-1|4|43.9

2032|Jul|06|7|05|00.125|+1|22|35|32.17|1.016747939|-1|4|53.9

2032|Jul|07|7|09|06.320|+1|22|28|58.31|1.016738857|-1|5|03.5

2032|Jul|08|7|13|12.119|+1|22|22|01.15|1.016723721|-1|5|12.8

2032|Jul|09|7|17|17.502|+1|22|14|40.87|1.016702573|-1|5|21.6

2032|Jul|10|7|21|22.448|+1|22|06|57.64|1.016675496|-1|5|30.0

2032|Jul|11|7|25|26.936|+1|21|58|51.64|1.016642608|-1|5|37.9

2032|Jul|12|7|29|30.951|+1|21|50|23.07|1.016604061|-1|5|45.4

2032|Jul|13|7|33|34.475|+1|21|41|32.12|1.016560034|-1|5|52.4

2032|Jul|14|7|37|37.493|+1|21|32|19.00|1.016510733|-1|5|58.8

2032|Jul|15|7|41|39.992|+1|21|22|43.91|1.016456390|-1|6|04.8

2032|Jul|16|7|45|41.959|+1|21|12|47.08|1.016397260|-1|6|10.2

2032|Jul|17|7|49|43.382|+1|21|02|28.73|1.016333623|-1|6|15.1

2032|Jul|18|7|53|44.252|+1|20|51|49.09|1.016265778|-1|6|19.4

2032|Jul|19|7|57|44.559|+1|20|40|48.39|1.016194034|-1|6|23.1

2032|Jul|20|8|01|44.297|+1|20|29|26.87|1.016118695|-1|6|26.3

2032|Jul|21|8|05|43.457|+1|20|17|44.77|1.016040037|-1|6|28.9

2032|Jul|22|8|09|42.036|+1|20|05|42.32|1.015958274|-1|6|30.9

2032|Jul|23|8|13|40.028|+1|19|53|19.76|1.015873533|-1|6|32.3

2032|Jul|24|8|17|37.434|+1|19|40|37.33|1.015785829|-1|6|33.2

2032|Jul|25|8|21|34.253|+1|19|27|35.24|1.015695063|-1|6|33.5

2032|Jul|26|8|25|30.487|+1|19|14|13.76|1.015601036|-1|6|33.1

2032|Jul|27|8|29|26.137|+1|19|00|33.12|1.015503481|-1|6|32.2

2032|Jul|28|8|33|21.204|+1|18|46|33.61|1.015402090|-1|6|30.8

2032|Jul|29|8|37|15.688|+1|18|32|15.49|1.015296554|-1|6|28.7

2032|Jul|30|8|41|09.587|+1|18|17|39.06|1.015186579|-1|6|26.0

2032|Jul|31|8|45|02.900|+1|18|02|44.61|1.015071900|-1|6|22.8

2032|Aug|01|8|48|55.623|+1|17|47|32.45|1.014952296|-1|6|18.9

2032|Aug|02|8|52|47.754|+1|17|32|02.89|1.014827586|-1|6|14.5

2032|Aug|03|8|56|39.291|+1|17|16|16.22|1.014697635|-1|6|09.5

2032|Aug|04|9|00|30.233|+1|17|00|12.77|1.014562350|-1|6|03.9

2032|Aug|05|9|04|20.577|+1|16|43|52.83|1.014421685|-1|5|57.7

2032|Aug|06|9|08|10.326|+1|16|27|16.72|1.014275636|-1|5|50.9

2032|Aug|07|9|11|59.479|+1|16|10|24.75|1.014124240|-1|5|43.5

2032|Aug|08|9|15|48.039|+1|15|53|17.24|1.013967575|-1|5|35.5

2032|Aug|09|9|19|36.009|+1|15|35|54.49|1.013805759|-1|5|26.9

2032|Aug|10|9|23|23.395|+1|15|18|16.81|1.013638944|-1|5|17.7

2032|Aug|11|9|27|10.200|+1|15|00|24.53|1.013467320|-1|5|08.0

2032|Aug|12|9|30|56.432|+1|14|42|17.96|1.013291108|-1|4|57.7

2032|Aug|13|9|34|42.097|+1|14|23|57.40|1.013110566|-1|4|46.8

2032|Aug|14|9|38|27.204|+1|14|05|23.19|1.012925984|-1|4|35.3

2032|Aug|15|9|42|11.761|+1|13|46|35.64|1.012737684|-1|4|23.3

2032|Aug|16|9|45|55.778|+1|13|27|35.05|1.012546016|-1|4|10.8

2032|Aug|17|9|49|39.265|+1|13|08|21.76|1.012351350|-1|3|57.7

2032|Aug|18|9|53|22.234|+1|12|48|56.06|1.012154053|-1|3|44.1

2032|Aug|19|9|57|04.697|+1|12|29|18.26|1.011954466|-1|3|30.0

2032|Aug|20|10|00|46.670|+1|12|09|28.66|1.011752867|-1|3|15.5

2032|Aug|21|10|04|28.171|+1|11|49|27.55|1.011549443|-1|3|00.4

2032|Aug|22|10|08|09.217|+1|11|29|15.20|1.011344260|-1|2|44.9

2032|Aug|23|10|11|49.830|+1|11|08|51.89|1.011137268|-1|2|29.0

2032|Aug|24|10|15|30.030|+1|10|48|17.93|1.010928314|-1|2|12.6

2032|Aug|25|10|19|09.836|+1|10|27|33.60|1.010717176|-1|1|55.9

2032|Aug|26|10|22|49.266|+1|10|06|39.23|1.010503599|-1|1|38.7

2032|Aug|27|10|26|28.336|+1|9|45|35.14|1.010287318|-1|1|21.3

2032|Aug|28|10|30|07.059|+1|9|24|21.66|1.010068088|-1|1|03.4

2032|Aug|29|10|33|45.451|+1|9|02|59.12|1.009845688|-1|0|45.3

2032|Aug|30|10|37|23.526|+1|8|41|27.86|1.009619933|-1|0|26.8

2032|Aug|31|10|41|01.296|+1|8|19|48.21|1.009390668|-1|0|08.0

2032|Sep|01|10|44|38.776|+1|7|58|00.51|1.009157777|+1|0|11.1

2032|Sep|02|10|48|15.981|+1|7|36|05.10|1.008921177|+1|0|30.4

2032|Sep|03|10|51|52.924|+1|7|14|02.31|1.008680823|+1|0|50.0

2032|Sep|04|10|55|29.621|+1|6|51|52.48|1.008436705|+1|1|09.9

2032|Sep|05|10|59|06.088|+1|6|29|35.94|1.008188851|+1|1|30.0

2032|Sep|06|11|02|42.339|+1|6|07|13.03|1.007937330|+1|1|50.3

2032|Sep|07|11|06|18.391|+1|5|44|44.08|1.007682251|+1|2|10.8

2032|Sep|08|11|09|54.261|+1|5|22|09.43|1.007423764|+1|2|31.4

2032|Sep|09|11|13|29.964|+1|4|59|29.42|1.007162064|+1|2|52.3

2032|Sep|10|11|17|05.519|+1|4|36|44.38|1.006897383|+1|3|13.3

2032|Sep|11|11|20|40.941|+1|4|13|54.65|1.006629999|+1|3|34.4

2032|Sep|12|11|24|16.247|+1|3|51|00.56|1.006360231|+1|3|55.7

2032|Sep|13|11|27|51.456|+1|3|28|02.45|1.006088434|+1|4|17.0

2032|Sep|14|11|31|26.586|+1|3|05|00.67|1.005815001|+1|4|38.4

2032|Sep|15|11|35|01.654|+1|2|41|55.52|1.005540340|+1|4|59.9

2032|Sep|16|11|38|36.682|+1|2|18|47.36|1.005264864|+1|5|21.5

2032|Sep|17|11|42|11.692|+1|1|55|36.48|1.004988957|+1|5|43.0

2032|Sep|18|11|45|46.707|+1|1|32|23.21|1.004712941|+1|6|04.5

2032|Sep|19|11|49|21.755|+1|1|09|07.83|1.004437041|+1|6|26.0

2032|Sep|20|11|52|56.862|+1|0|45|50.65|1.004161370|+1|6|47.5

2032|Sep|21|11|56|32.056|+1|0|22|31.96|1.003885925|+1|7|08.8

2032|Sep|22|12|00|07.363|-1|0|00|47.91|1.003610606|+1|7|30.1

2032|Sep|23|12|03|42.807|-1|0|24|08.65|1.003335242|+1|7|51.2

2032|Sep|24|12|07|18.410|-1|0|47|29.91|1.003059627|+1|8|12.1

2032|Sep|25|12|10|54.193|-1|1|10|51.36|1.002783546|+1|8|32.9

2032|Sep|26|12|14|30.175|-1|1|34|12.64|1.002506791|+1|8|53.5

2032|Sep|27|12|18|06.376|-1|1|57|33.39|1.002229172|+1|9|13.8

2032|Sep|28|12|21|42.816|-1|2|20|53.26|1.001950525|+1|9|33.9

2032|Sep|29|12|25|19.514|-1|2|44|11.90|1.001670708|+1|9|53.8

2032|Sep|30|12|28|56.487|-1|3|07|28.93|1.001389607|+1|10|13.4

2032|Oct|01|12|32|33.755|-1|3|30|44.00|1.001107133|+1|10|32.7

2032|Oct|02|12|36|11.336|-1|3|53|56.74|1.000823224|+1|10|51.6

2032|Oct|03|12|39|49.249|-1|4|17|06.78|1.000537850|+1|11|10.3

2032|Oct|04|12|43|27.510|-1|4|40|13.77|1.000251015|+1|11|28.5

2032|Oct|05|12|47|06.139|-1|5|03|17.32|0.999962763|+1|11|46.5

2032|Oct|06|12|50|45.151|-1|5|26|17.06|0.999673180|+1|12|04.0

2032|Oct|07|12|54|24.565|-1|5|49|12.63|0.999382402|+1|12|21.1

2032|Oct|08|12|58|04.396|-1|6|12|03.65|0.999090612|+1|12|37.9

2032|Oct|09|13|01|44.660|-1|6|34|49.73|0.998798047|+1|12|54.1

2032|Oct|10|13|05|25.373|-1|6|57|30.50|0.998504994|+1|13|10.0

2032|Oct|11|13|09|06.550|-1|7|20|05.57|0.998211787|+1|13|25.4

2032|Oct|12|13|12|48.207|-1|7|42|34.55|0.997918804|+1|13|40.3

2032|Oct|13|13|16|30.361|-1|8|04|57.08|0.997626456|+1|13|54.7

2032|Oct|14|13|20|13.030|-1|8|27|12.76|0.997335173|+1|14|08.6

2032|Oct|15|13|23|56.234|-1|8|49|21.22|0.997045383|+1|14|21.9

2032|Oct|16|13|27|39.992|-1|9|11|22.10|0.996757479|+1|14|34.7

2032|Oct|17|13|31|24.329|-1|9|33|15.04|0.996471797|+1|14|46.9

2032|Oct|18|13|35|09.268|-1|9|54|59.69|0.996188581|+1|14|58.5

2032|Oct|19|13|38|54.832|-1|10|16|35.69|0.995907972|+1|15|09.5

2032|Oct|20|13|42|41.042|-1|10|38|02.67|0.995630006|+1|15|19.8

2032|Oct|21|13|46|27.919|-1|10|59|20.27|0.995354628|+1|15|29.5

2032|Oct|22|13|50|15.481|-1|11|20|28.11|0.995081718|+1|15|38.5

2032|Oct|23|13|54|03.744|-1|11|41|25.78|0.994811114|+1|15|46.8

2032|Oct|24|13|57|52.723|-1|12|02|12.90|0.994542639|+1|15|54.4

2032|Oct|25|14|01|42.433|-1|12|22|49.07|0.994276111|+1|16|01.2

2032|Oct|26|14|05|32.888|-1|12|43|13.87|0.994011356|+1|16|07.3

2032|Oct|27|14|09|24.100|-1|13|03|26.90|0.993748215|+1|16|12.7

2032|Oct|28|14|13|16.080|-1|13|23|27.76|0.993486538|+1|16|17.2

2032|Oct|29|14|17|08.841|-1|13|43|16.03|0.993226194|+1|16|21.0

2032|Oct|30|14|21|02.392|-1|14|02|51.31|0.992967066|+1|16|24.0

2032|Oct|31|14|24|56.742|-1|14|22|13.18|0.992709055|+1|16|26.2

2032|Nov|01|14|28|51.899|-1|14|41|21.23|0.992452088|+1|16|27.6

2032|Nov|02|14|32|47.870|-1|15|00|15.06|0.992196120|+1|16|28.2

2032|Nov|03|14|36|44.661|-1|15|18|54.25|0.991941143|+1|16|28.0

2032|Nov|04|14|40|42.275|-1|15|37|18.39|0.991687198|+1|16|26.9

2032|Nov|05|14|44|40.714|-1|15|55|27.06|0.991434381|+1|16|25.0

2032|Nov|06|14|48|39.980|-1|16|13|19.85|0.991182846|+1|16|22.3

2032|Nov|07|14|52|40.073|-1|16|30|56.35|0.990932814|+1|16|18.8

2032|Nov|08|14|56|40.992|-1|16|48|16.13|0.990684564|+1|16|14.4

2032|Nov|09|15|00|42.735|-1|17|05|18.78|0.990438429|+1|16|09.2

2032|Nov|10|15|04|45.303|-1|17|22|03.90|0.990194787|+1|16|03.2

2032|Nov|11|15|08|48.696|-1|17|38|31.07|0.989954048|+1|15|56.4

2032|Nov|12|15|12|52.915|-1|17|54|39.90|0.989716631|+1|15|48.7

2032|Nov|13|15|16|57.962|-1|18|10|30.00|0.989482943|+1|15|40.2

2032|Nov|14|15|21|03.841|-1|18|26|00.98|0.989253360|+1|15|30.9

2032|Nov|15|15|25|10.553|-1|18|41|12.49|0.989028195|+1|15|20.7

2032|Nov|16|15|29|18.100|-1|18|56|04.15|0.988807683|+1|15|09.7

2032|Nov|17|15|33|26.482|-1|19|10|35.61|0.988591970|+1|14|57.9

2032|Nov|18|15|37|35.699|-1|19|24|46.49|0.988381114|+1|14|45.3

2032|Nov|19|15|41|45.745|-1|19|38|36.44|0.988175090|+1|14|31.8

2032|Nov|20|15|45|56.615|-1|19|52|05.09|0.987973813|+1|14|17.5

2032|Nov|21|15|50|08.303|-1|20|05|12.07|0.987777155|+1|14|02.3

2032|Nov|22|15|54|20.799|-1|20|17|57.02|0.987584959|+1|13|46.4

2032|Nov|23|15|58|34.094|-1|20|30|19.59|0.987397058|+1|13|29.7

2032|Nov|24|16|02|48.177|-1|20|42|19.43|0.987213277|+1|13|12.1

2032|Nov|25|16|07|03.035|-1|20|53|56.19|0.987033442|+1|12|53.8

2032|Nov|26|16|11|18.653|-1|21|05|09.54|0.986857381|+1|12|34.8

2032|Nov|27|16|15|35.015|-1|21|15|59.15|0.986684926|+1|12|15.0

2032|Nov|28|16|19|52.105|-1|21|26|24.71|0.986515910|+1|11|54.4

2032|Nov|29|16|24|09.903|-1|21|36|25.91|0.986350176|+1|11|33.2

2032|Nov|30|16|28|28.388|-1|21|46|02.45|0.986187582|+1|11|11.2

2032|Dec|01|16|32|47.536|-1|21|55|14.04|0.986028005|+1|10|48.6

2032|Dec|02|16|37|07.324|-1|22|04|00.41|0.985871361|+1|10|25.4

2032|Dec|03|16|41|27.722|-1|22|12|21.28|0.985717613|+1|10|01.6

2032|Dec|04|16|45|48.702|-1|22|20|16.41|0.985566789|+1|9|37.2

2032|Dec|05|16|50|10.232|-1|22|27|45.53|0.985418991|+1|9|12.2

2032|Dec|06|16|54|32.281|-1|22|34|48.40|0.985274395|+1|8|46.7

2032|Dec|07|16|58|54.816|-1|22|41|24.80|0.985133254|+1|8|20.7

2032|Dec|08|17|03|17.807|-1|22|47|34.48|0.984995881|+1|7|54.3

2032|Dec|09|17|07|41.225|-1|22|53|17.26|0.984862632|+1|7|27.4

2032|Dec|10|17|12|05.039|-1|22|58|32.93|0.984733887|+1|7|00.2

2032|Dec|11|17|16|29.223|-1|23|03|21.33|0.984610029|+1|6|32.5

2032|Dec|12|17|20|53.749|-1|23|07|42.29|0.984491420|+1|6|04.6

2032|Dec|13|17|25|18.589|-1|23|11|35.69|0.984378386|+1|5|36.3

2032|Dec|14|17|29|43.716|-1|23|15|01.38|0.984271196|+1|5|07.7

2032|Dec|15|17|34|09.101|-1|23|17|59.27|0.984170050|+1|4|38.9

2032|Dec|16|17|38|34.715|-1|23|20|29.26|0.984075079|+1|4|09.8

2032|Dec|17|17|43|00.528|-1|23|22|31.24|0.983986338|+1|3|40.6

2032|Dec|18|17|47|26.510|-1|23|24|05.14|0.983903814|+1|3|11.2

2032|Dec|19|17|51|52.630|-1|23|25|10.90|0.983827439|+1|2|41.6

2032|Dec|20|17|56|18.858|-1|23|25|48.46|0.983757099|+1|2|11.9

2032|Dec|21|18|00|45.161|-1|23|25|57.77|0.983692648|+1|1|42.2

2032|Dec|22|18|05|11.508|-1|23|25|38.83|0.983633916|+1|1|12.4

2032|Dec|23|18|09|37.868|-1|23|24|51.62|0.983580717|+1|0|42.6

2032|Dec|24|18|14|04.207|-1|23|23|36.14|0.983532851|+1|0|12.8

2032|Dec|25|18|18|30.494|-1|23|21|52.44|0.983490111|-1|0|16.9

2032|Dec|26|18|22|56.695|-1|23|19|40.54|0.983452279|-1|0|46.6

2032|Dec|27|18|27|22.777|-1|23|17|00.51|0.983419130|-1|1|16.1

2032|Dec|28|18|31|48.707|-1|23|13|52.43|0.983390432|-1|1|45.5

2032|Dec|29|18|36|14.448|-1|23|10|16.40|0.983365958|-1|2|14.7

2032|Dec|30|18|40|39.966|-1|23|06|12.52|0.983345492|-1|2|43.6

2032|Dec|31|18|45|05.224|-1|23|01|40.93|0.983328847|-1|3|12.3

2033|Jan|01|18|49|30.185|-1|22|56|41.78|0.983315890|-1|3|40.7

2033|Jan|02|18|53|54.810|-1|22|51|15.21|0.983306556|-1|4|08.8

2033|Jan|03|18|58|19.062|-1|22|45|21.39|0.983300870|-1|4|36.5

2033|Jan|04|19|02|42.905|-1|22|39|00.50|0.983298950|-1|5|03.7

2033|Jan|05|19|07|06.306|-1|22|32|12.71|0.983301000|-1|5|30.6

2033|Jan|06|19|11|29.235|-1|22|24|58.24|0.983307295|-1|5|57.0

2033|Jan|07|19|15|51.663|-1|22|17|17.28|0.983318153|-1|6|22.8

2033|Jan|08|19|20|13.566|-1|22|09|10.05|0.983333910|-1|6|48.2

2033|Jan|09|19|24|34.918|-1|22|00|36.81|0.983354896|-1|7|13.0

2033|Jan|10|19|28|55.698|-1|21|51|37.80|0.983381413|-1|7|37.2

2033|Jan|11|19|33|15.884|-1|21|42|13.28|0.983413727|-1|8|00.8

2033|Jan|12|19|37|35.456|-1|21|32|23.52|0.983452053|-1|8|23.9

2033|Jan|13|19|41|54.395|-1|21|22|08.80|0.983496549|-1|8|46.2

2033|Jan|14|19|46|12.683|-1|21|11|29.40|0.983547315|-1|9|08.0

2033|Jan|15|19|50|30.304|-1|21|00|25.60|0.983604393|-1|9|29.0

2033|Jan|16|19|54|47.244|-1|20|48|57.71|0.983667767|-1|9|49.4

2033|Jan|17|19|59|03.488|-1|20|37|06.02|0.983737374|-1|10|09.1

2033|Jan|18|20|03|19.025|-1|20|24|50.86|0.983813104|-1|10|28.1

2033|Jan|19|20|07|33.843|-1|20|12|12.53|0.983894811|-1|10|46.3

2033|Jan|20|20|11|47.932|-1|19|59|11.38|0.983982321|-1|11|03.9

2033|Jan|21|20|16|01.282|-1|19|45|47.74|0.984075430|-1|11|20.7

2033|Jan|22|20|20|13.885|-1|19|32|01.96|0.984173916|-1|11|36.7

2033|Jan|23|20|24|25.732|-1|19|17|54.40|0.984277534|-1|11|52.0

2033|Jan|24|20|28|36.817|-1|19|03|25.43|0.984386019|-1|12|06.6

2033|Jan|25|20|32|47.131|-1|18|48|35.42|0.984499086|-1|12|20.3

2033|Jan|26|20|36|56.669|-1|18|33|24.75|0.984616436|-1|12|33.3

2033|Jan|27|20|41|05.421|-1|18|17|53.83|0.984737757|-1|12|45.5

2033|Jan|28|20|45|13.382|-1|18|02|03.06|0.984862741|-1|12|56.9

2033|Jan|29|20|49|20.542|-1|17|45|52.85|0.984991100|-1|13|07.5

2033|Jan|30|20|53|26.893|-1|17|29|23.62|0.985122598|-1|13|17.3

2033|Jan|31|20|57|32.427|-1|17|12|35.78|0.985257076|-1|13|26.2

2033|Feb|01|21|01|37.138|-1|16|55|29.76|0.985394474|-1|13|34.4

2033|Feb|02|21|05|41.022|-1|16|38|05.96|0.985534841|-1|13|41.7

2033|Feb|03|21|09|44.077|-1|16|20|24.80|0.985678330|-1|13|48.2

2033|Feb|04|21|13|46.304|-1|16|02|26.69|0.985825167|-1|13|53.9

2033|Feb|05|21|17|47.706|-1|15|44|12.06|0.985975627|-1|13|58.8

2033|Feb|06|21|21|48.286|-1|15|25|41.32|0.986129997|-1|14|02.8

2033|Feb|07|21|25|48.050|-1|15|06|54.89|0.986288554|-1|14|06.0

2033|Feb|08|21|29|47.003|-1|14|47|53.19|0.986451550|-1|14|08.4

2033|Feb|09|21|33|45.155|-1|14|28|36.62|0.986619197|-1|14|10.0

2033|Feb|10|21|37|42.513|-1|14|09|05.61|0.986791664|-1|14|10.8

2033|Feb|11|21|41|39.089|-1|13|49|20.54|0.986969075|-1|14|10.8

2033|Feb|12|21|45|34.894|-1|13|29|21.84|0.987151508|-1|14|10.1

2033|Feb|13|21|49|29.940|-1|13|09|09.90|0.987338991|-1|14|08.6

2033|Feb|14|21|53|24.242|-1|12|48|45.11|0.987531510|-1|14|06.3

2033|Feb|15|21|57|17.816|-1|12|28|07.89|0.987729003|-1|14|03.3

2033|Feb|16|22|01|10.675|-1|12|07|18.61|0.987931369|-1|13|59.6

2033|Feb|17|22|05|02.838|-1|11|46|17.69|0.988138468|-1|13|55.3

2033|Feb|18|22|08|54.320|-1|11|25|05.52|0.988350125|-1|13|50.2

2033|Feb|19|22|12|45.139|-1|11|03|42.51|0.988566131|-1|13|44.5

2033|Feb|20|22|16|35.312|-1|10|42|09.04|0.988786248|-1|13|38.1

2033|Feb|21|22|20|24.855|-1|10|20|25.54|0.989010207|-1|13|31.1

2033|Feb|22|22|24|13.785|-1|9|58|32.39|0.989237711|-1|13|23.4

2033|Feb|23|22|28|02.120|-1|9|36|30.02|0.989468431|-1|13|15.2

2033|Feb|24|22|31|49.873|-1|9|14|18.84|0.989702015|-1|13|06.4

2033|Feb|25|22|35|37.061|-1|8|51|59.26|0.989938089|-1|12|57.0

2033|Feb|26|22|39|23.697|-1|8|29|31.70|0.990176273|-1|12|47.1

2033|Feb|27|22|43|09.795|-1|8|06|56.60|0.990416204|-1|12|36.7

2033|Feb|28|22|46|55.366|-1|7|44|14.36|0.990657564|-1|12|25.7

2033|Mar|01|22|50|40.425|-1|7|21|25.41|0.990900117|-1|12|14.2

2033|Mar|02|22|54|24.984|-1|6|58|30.17|0.991143734|-1|12|02.2

2033|Mar|03|22|58|09.060|-1|6|35|29.03|0.991388408|-1|11|49.7

2033|Mar|04|23|01|52.668|-1|6|12|22.41|0.991634239|-1|11|36.8

2033|Mar|05|23|05|35.823|-1|5|49|10.72|0.991881410|-1|11|23.4

2033|Mar|06|23|09|18.543|-1|5|25|54.34|0.992130153|-1|11|09.6

2033|Mar|07|23|13|00.844|-1|5|02|33.69|0.992380718|-1|10|55.3

2033|Mar|08|23|16|42.746|-1|4|39|09.15|0.992633343|-1|10|40.7

2033|Mar|09|23|20|24.266|-1|4|15|41.10|0.992888244|-1|10|25.6

2033|Mar|10|23|24|05.426|-1|3|52|09.93|0.993145603|-1|10|10.2

2033|Mar|11|23|27|46.245|-1|3|28|36.00|0.993405567|-1|9|54.5

2033|Mar|12|23|31|26.748|-1|3|04|59.68|0.993668247|-1|9|38.4

2033|Mar|13|23|35|06.955|-1|2|41|21.34|0.993933717|-1|9|22.1

2033|Mar|14|23|38|46.890|-1|2|17|41.33|0.994202012|-1|9|05.5

2033|Mar|15|23|42|26.577|-1|1|54|00.00|0.994473130|-1|8|48.6

2033|Mar|16|23|46|06.041|-1|1|30|17.72|0.994747032|-1|8|31.5

2033|Mar|17|23|49|45.305|-1|1|06|34.82|0.995023638|-1|8|14.3

2033|Mar|18|23|53|24.394|-1|0|42|51.66|0.995302829|-1|7|56.8

2033|Mar|19|23|57|03.331|-1|0|19|08.59|0.995584447|-1|7|39.2

2033|Mar|20|0|00|42.141|+1|0|04|34.04|0.995868296|-1|7|21.5

2033|Mar|21|0|04|20.847|+1|0|28|15.88|0.996154140|-1|7|03.6

2033|Mar|22|0|07|59.472|+1|0|51|56.59|0.996441706|-1|6|45.7

2033|Mar|23|0|11|38.036|+1|1|15|35.79|0.996730683|-1|6|27.7

2033|Mar|24|0|15|16.561|+1|1|39|13.13|0.997020723|-1|6|09.6

2033|Mar|25|0|18|55.067|+1|2|02|48.25|0.997311444|-1|5|51.6

2033|Mar|26|0|22|33.573|+1|2|26|20.79|0.997602440|-1|5|33.5

2033|Mar|27|0|26|12.095|+1|2|49|50.36|0.997893294|-1|5|15.5

2033|Mar|28|0|29|50.653|+1|3|13|16.61|0.998183603|-1|4|57.5

2033|Mar|29|0|33|29.262|+1|3|36|39.16|0.998473010|-1|4|39.6

2033|Mar|30|0|37|07.939|+1|3|59|57.64|0.998761240|-1|4|21.7

2033|Mar|31|0|40|46.700|+1|4|23|11.69|0.999048127|-1|4|03.9

2033|Apr|01|0|44|25.561|+1|4|46|20.94|0.999333625|-1|3|46.2

2033|Apr|02|0|48|04.536|+1|5|09|25.04|0.999617798|-1|3|28.7

2033|Apr|03|0|51|43.639|+1|5|32|23.60|0.999900794|-1|3|11.2

2033|Apr|04|0|55|22.885|+1|5|55|16.28|1.000182815|-1|2|53.9

2033|Apr|05|0|59|02.290|+1|6|18|02.72|1.000464080|-1|2|36.8

2033|Apr|06|1|02|41.870|+1|6|40|42.55|1.000744808|-1|2|19.8

2033|Apr|07|1|06|21.642|+1|7|03|15.44|1.001025200|-1|2|03.0

2033|Apr|08|1|10|01.625|+1|7|25|41.04|1.001305433|-1|1|46.4

2033|Apr|09|1|13|41.837|+1|7|47|59.02|1.001585658|-1|1|30.1

2033|Apr|10|1|17|22.297|+1|8|10|09.05|1.001865997|-1|1|14.0

2033|Apr|11|1|21|03.025|+1|8|32|10.79|1.002146544|-1|0|58.2

2033|Apr|12|1|24|44.041|+1|8|54|03.92|1.002427366|-1|0|42.6

2033|Apr|13|1|28|25.364|+1|9|15|48.12|1.002708497|-1|0|27.4

2033|Apr|14|1|32|07.015|+1|9|37|23.07|1.002989938|-1|0|12.5

2033|Apr|15|1|35|49.011|+1|9|58|48.44|1.003271652|+1|0|02.0

2033|Apr|16|1|39|31.373|+1|10|20|03.92|1.003553564|+1|0|16.2

2033|Apr|17|1|43|14.119|+1|10|41|09.19|1.003835553|+1|0|30.0

2033|Apr|18|1|46|57.266|+1|11|02|03.92|1.004117453|+1|0|43.4

2033|Apr|19|1|50|40.831|+1|11|22|47.80|1.004399049|+1|0|56.4

2033|Apr|20|1|54|24.830|+1|11|43|20.50|1.004680083|+1|1|09.0

2033|Apr|21|1|58|09.276|+1|12|03|41.68|1.004960245|+1|1|21.1

2033|Apr|22|2|01|54.184|+1|12|23|51.02|1.005239187|+1|1|32.8

2033|Apr|23|2|05|39.565|+1|12|43|48.19|1.005516522|+1|1|43.9

2033|Apr|24|2|09|25.432|+1|13|03|32.84|1.005791835|+1|1|54.6

2033|Apr|25|2|13|11.794|+1|13|23|04.64|1.006064705|+1|2|04.8

2033|Apr|26|2|16|58.661|+1|13|42|23.25|1.006334729|+1|2|14.5

2033|Apr|27|2|20|46.041|+1|14|01|28.35|1.006601550|+1|2|23.6

2033|Apr|28|2|24|33.941|+1|14|20|19.60|1.006864894|+1|2|32.3

2033|Apr|29|2|28|22.365|+1|14|38|56.67|1.007124588|+1|2|40.4

2033|Apr|30|2|32|11.316|+1|14|57|19.24|1.007380571|+1|2|48.0

2033|May|01|2|36|00.796|+1|15|15|26.97|1.007632886|+1|2|55.1

2033|May|02|2|39|50.805|+1|15|33|19.52|1.007881655|+1|3|01.7

2033|May|03|2|43|41.346|+1|15|50|56.57|1.008127054|+1|3|07.7

2033|May|04|2|47|32.420|+1|16|08|17.79|1.008369284|+1|3|13.2

2033|May|05|2|51|24.032|+1|16|25|22.87|1.008608553|+1|3|18.1

2033|May|06|2|55|16.184|+1|16|42|11.48|1.008845063|+1|3|22.5

2033|May|07|2|59|08.881|+1|16|58|43.33|1.009079002|+1|3|26.4

2033|May|08|3|03|02.126|+1|17|14|58.12|1.009310540|+1|3|29.7

2033|May|09|3|06|55.925|+1|17|30|55.55|1.009539830|+1|3|32.4

2033|May|10|3|10|50.280|+1|17|46|35.32|1.009767007|+1|3|34.6

2033|May|11|3|14|45.196|+1|18|01|57.17|1.009992185|+1|3|36.3

2033|May|12|3|18|40.675|+1|18|17|00.80|1.010215455|+1|3|37.3

2033|May|13|3|22|36.720|+1|18|31|45.95|1.010436876|+1|3|37.8

2033|May|14|3|26|33.333|+1|18|46|12.34|1.010656475|+1|3|37.8

2033|May|15|3|30|30.516|+1|19|00|19.71|1.010874236|+1|3|37.1

2033|May|16|3|34|28.268|+1|19|14|07.79|1.011090092|+1|3|36.0

2033|May|17|3|38|26.588|+1|19|27|36.32|1.011303922|+1|3|34.2

2033|May|18|3|42|25.474|+1|19|40|45.03|1.011515549|+1|3|31.9

2033|May|19|3|46|24.923|+1|19|53|33.67|1.011724734|+1|3|29.0

2033|May|20|3|50|24.931|+1|20|06|01.98|1.011931186|+1|3|25.5

2033|May|21|3|54|25.491|+1|20|18|09.69|1.012134565|+1|3|21.5

2033|May|22|3|58|26.597|+1|20|29|56.57|1.012334492|+1|3|17.0

2033|May|23|4|02|28.242|+1|20|41|22.36|1.012530570|+1|3|11.9

2033|May|24|4|06|30.416|+1|20|52|26.82|1.012722398|+1|3|06.3

2033|May|25|4|10|33.108|+1|21|03|09.73|1.012909602|+1|3|00.1

2033|May|26|4|14|36.304|+1|21|13|30.88|1.013091858|+1|2|53.5

2033|May|27|4|18|39.989|+1|21|23|30.03|1.013268918|+1|2|46.3

2033|May|28|4|22|44.143|+1|21|33|06.99|1.013440629|+1|2|38.8

2033|May|29|4|26|48.747|+1|21|42|21.54|1.013606933|+1|2|30.7

2033|May|30|4|30|53.779|+1|21|51|13.49|1.013767864|+1|2|22.2

2033|May|31|4|34|59.218|+1|21|59|42.63|1.013923526|+1|2|13.4

2033|Jun|01|4|39|05.045|+1|22|07|48.76|1.014074078|+1|2|04.1

2033|Jun|02|4|43|11.239|+1|22|15|31.72|1.014219708|+1|1|54.5

2033|Jun|03|4|47|17.783|+1|22|22|51.32|1.014360621|+1|1|44.5

2033|Jun|04|4|51|24.656|+1|22|29|47.40|1.014497025|+1|1|34.1

2033|Jun|05|4|55|31.842|+1|22|36|19.82|1.014629126|+1|1|23.5

2033|Jun|06|4|59|39.322|+1|22|42|28.42|1.014757126|+1|1|12.6

2033|Jun|07|5|03|47.079|+1|22|48|13.09|1.014881219|+1|1|01.4

2033|Jun|08|5|07|55.094|+1|22|53|33.70|1.015001590|+1|0|49.9

2033|Jun|09|5|12|03.349|+1|22|58|30.13|1.015118413|+1|0|38.2

2033|Jun|10|5|16|11.826|+1|23|03|02.29|1.015231847|+1|0|26.3

2033|Jun|11|5|20|20.506|+1|23|07|10.10|1.015342028|+1|0|14.2

2033|Jun|12|5|24|29.371|+1|23|10|53.45|1.015449058|+1|0|01.9

2033|Jun|13|5|28|38.402|+1|23|14|12.30|1.015552993|-1|0|10.6

2033|Jun|14|5|32|47.579|+1|23|17|06.55|1.015653835|-1|0|23.2

2033|Jun|15|5|36|56.883|+1|23|19|36.16|1.015751518|-1|0|36.0

2033|Jun|16|5|41|06.293|+1|23|21|41.07|1.015845906|-1|0|48.8

2033|Jun|17|5|45|15.791|+1|23|23|21.23|1.015936789|-1|1|01.7

2033|Jun|18|5|49|25.355|+1|23|24|36.60|1.016023896|-1|1|14.8

2033|Jun|19|5|53|34.965|+1|23|25|27.15|1.016106905|-1|1|27.8

2033|Jun|20|5|57|44.602|+1|23|25|52.88|1.016185458|-1|1|40.9

2033|Jun|21|6|01|54.242|+1|23|25|53.77|1.016259186|-1|1|54.0

2033|Jun|22|6|06|03.862|+1|23|25|29.86|1.016327728|-1|2|07.1

2033|Jun|23|6|10|13.437|+1|23|24|41.16|1.016390758|-1|2|20.1

2033|Jun|24|6|14|22.940|+1|23|23|27.71|1.016447999|-1|2|33.0

2033|Jun|25|6|18|32.342|+1|23|21|49.57|1.016499249|-1|2|45.9

2033|Jun|26|6|22|41.614|+1|23|19|46.80|1.016544381|-1|2|58.6

2033|Jun|27|6|26|50.726|+1|23|17|19.44|1.016583353|-1|3|11.1

2033|Jun|28|6|30|59.650|+1|23|14|27.59|1.016616195|-1|3|23.5

2033|Jun|29|6|35|08.358|+1|23|11|11.30|1.016643005|-1|3|35.6

2033|Jun|30|6|39|16.824|+1|23|07|30.66|1.016663927|-1|3|47.5

2033|Jul|01|6|43|25.024|+1|23|03|25.77|1.016679142|-1|3|59.2

2033|Jul|02|6|47|32.935|+1|22|58|56.73|1.016688851|-1|4|10.5

2033|Jul|03|6|51|40.535|+1|22|54|03.65|1.016693273|-1|4|21.6

2033|Jul|04|6|55|47.804|+1|22|48|46.65|1.016692635|-1|4|32.3

2033|Jul|05|6|59|54.722|+1|22|43|05.87|1.016687168|-1|4|42.7

2033|Jul|06|7|04|01.270|+1|22|37|01.45|1.016677109|-1|4|52.7

2033|Jul|07|7|08|07.431|+1|22|30|33.53|1.016662697|-1|5|02.3

2033|Jul|08|7|12|13.189|+1|22|23|42.27|1.016644170|-1|5|11.5

2033|Jul|09|7|16|18.527|+1|22|16|27.85|1.016621761|-1|5|20.3

2033|Jul|10|7|20|23.431|+1|22|08|50.42|1.016595686|-1|5|28.6

2033|Jul|11|7|24|27.886|+1|22|00|50.17|1.016566130|-1|5|36.5

2033|Jul|12|7|28|31.880|+1|21|52|27.28|1.016533232|-1|5|43.9

2033|Jul|13|7|32|35.402|+1|21|43|41.93|1.016497067|-1|5|50.9

2033|Jul|14|7|36|38.440|+1|21|34|34.30|1.016457626|-1|5|57.4

2033|Jul|15|7|40|40.985|+1|21|25|04.60|1.016414818|-1|6|03.4

2033|Jul|16|7|44|43.031|+1|21|15|13.00|1.016368463|-1|6|08.9

2033|Jul|17|7|48|44.570|+1|21|04|59.72|1.016318311|-1|6|13.8

2033|Jul|18|7|52|45.595|+1|20|54|24.97|1.016264062|-1|6|18.3

2033|Jul|19|7|56|46.098|+1|20|43|28.99|1.016205385|-1|6|22.3

2033|Jul|20|8|00|46.070|+1|20|32|12.02|1.016141950|-1|6|25.7

2033|Jul|21|8|04|45.502|+1|20|20|34.30|1.016073444|-1|6|28.6

2033|Jul|22|8|08|44.382|+1|20|08|36.12|1.015999593|-1|6|30.9

2033|Jul|23|8|12|42.700|+1|19|56|17.73|1.015920175|-1|6|32.6

2033|Jul|24|8|16|40.444|+1|19|43|39.40|1.015835028|-1|6|33.8

2033|Jul|25|8|20|37.603|+1|19|30|41.42|1.015744058|-1|6|34.4

2033|Jul|26|8|24|34.166|+1|19|17|24.06|1.015647237|-1|6|34.4

2033|Jul|27|8|28|30.127|+1|19|03|47.59|1.015544598|-1|6|33.8

2033|Jul|28|8|32|25.477|+1|18|49|52.29|1.015436232|-1|6|32.6

2033|Jul|29|8|36|20.211|+1|18|35|38.45|1.015322273|-1|6|30.8

2033|Jul|30|8|40|14.326|+1|18|21|06.35|1.015202895|-1|6|28.4

2033|Jul|31|8|44|07.819|+1|18|06|16.27|1.015078299|-1|6|25.3

2033|Aug|01|8|48|00.689|+1|17|51|08.51|1.014948710|-1|6|21.6

2033|Aug|02|8|51|52.936|+1|17|35|43.36|1.014814369|-1|6|17.3

2033|Aug|03|8|55|44.561|+1|17|20|01.11|1.014675537|-1|6|12.4

2033|Aug|04|8|59|35.566|+1|17|04|02.06|1.014532486|-1|6|06.9

2033|Aug|05|9|03|25.954|+1|16|47|46.51|1.014385506|-1|6|00.7

2033|Aug|06|9|07|15.730|+1|16|31|14.76|1.014234894|-1|5|53.9

2033|Aug|07|9|11|04.897|+1|16|14|27.10|1.014080952|-1|5|46.5

2033|Aug|08|9|14|53.462|+1|15|57|23.84|1.013923975|-1|5|38.5

2033|Aug|09|9|18|41.433|+1|15|40|05.28|1.013764232|-1|5|29.9

2033|Aug|10|9|22|28.819|+1|15|22|31.69|1.013601942|-1|5|20.8

2033|Aug|11|9|26|15.630|+1|15|04|43.38|1.013437251|-1|5|11.0

2033|Aug|12|9|30|01.879|+1|14|46|40.62|1.013270211|-1|5|00.7

2033|Aug|13|9|33|47.581|+1|14|28|23.69|1.013100769|-1|4|49.9

2033|Aug|14|9|37|32.751|+1|14|09|52.88|1.012928776|-1|4|38.5

2033|Aug|15|9|41|17.403|+1|13|51|08.48|1.012754006|-1|4|26.6

2033|Aug|16|9|45|01.551|+1|13|32|10.80|1.012576182|-1|4|14.2

2033|Aug|17|9|48|45.205|+1|13|13|00.15|1.012395006|-1|4|01.3

2033|Aug|18|9|52|28.378|+1|12|53|36.86|1.012210189|-1|3|47.9

2033|Aug|19|9|56|11.078|+1|12|34|01.27|1.012021465|-1|3|34.0

2033|Aug|20|9|59|53.314|+1|12|14|13.69|1.011828609|-1|3|19.7

2033|Aug|21|10|03|35.095|+1|11|54|14.47|1.011631441|-1|3|04.9

2033|Aug|22|10|07|16.430|+1|11|34|03.93|1.011429836|-1|2|49.7

2033|Aug|23|10|10|57.328|+1|11|13|42.42|1.011223723|-1|2|34.1

2033|Aug|24|10|14|37.800|+1|10|53|10.25|1.011013082|-1|2|18.0

2033|Aug|25|10|18|17.856|+1|10|32|27.77|1.010797947|-1|2|01.5

2033|Aug|26|10|21|57.509|+1|10|11|35.29|1.010578400|-1|1|44.6

2033|Aug|27|10|25|36.770|+1|9|50|33.16|1.010354565|-1|1|27.3

2033|Aug|28|10|29|15.654|+1|9|29|21.69|1.010126605|-1|1|09.6

2033|Aug|29|10|32|54.173|+1|9|08|01.22|1.009894715|-1|0|51.6

2033|Aug|30|10|36|32.343|+1|8|46|32.07|1.009659121|-1|0|33.2

2033|Aug|31|10|40|10.178|+1|8|24|54.57|1.009420073|-1|0|14.5

2033|Sep|01|10|43|47.694|+1|8|03|09.06|1.009177850|+1|0|04.5

2033|Sep|02|10|47|24.906|+1|7|41|15.85|1.008932751|+1|0|23.9

2033|Sep|03|10|51|01.831|+1|7|19|15.28|1.008685103|+1|0|43.5

2033|Sep|04|10|54|38.485|+1|6|57|07.67|1.008435251|+1|1|03.4

2033|Sep|05|10|58|14.887|+1|6|34|53.34|1.008183555|+1|1|23.5

2033|Sep|06|11|01|51.054|+1|6|12|32.63|1.007930377|+1|1|43.9

2033|Sep|07|11|05|27.007|+1|5|50|05.83|1.007676056|+1|2|04.5

2033|Sep|08|11|09|02.768|+1|5|27|33.26|1.007420880|+1|2|25.3

2033|Sep|09|11|12|38.361|+1|5|04|55.20|1.007165060|+1|2|46.3

2033|Sep|10|11|16|13.812|+1|4|42|11.96|1.006908698|+1|3|07.4

2033|Sep|11|11|19|49.147|+1|4|19|23.82|1.006651779|+1|3|28.6

2033|Sep|12|11|23|24.391|+1|3|56|31.09|1.006394185|+1|3|49.9

2033|Sep|13|11|26|59.568|+1|3|33|34.07|1.006135714|+1|4|11.3

2033|Sep|14|11|30|34.700|+1|3|10|33.10|1.005876116|+1|4|32.7

2033|Sep|15|11|34|09.807|+1|2|47|28.49|1.005615126|+1|4|54.1

2033|Sep|16|11|37|44.907|+1|2|24|20.61|1.005352492|+1|5|15.6

2033|Sep|17|11|41|20.019|+1|2|01|09.78|1.005087984|+1|5|37.0

2033|Sep|18|11|44|55.160|+1|1|37|56.35|1.004821412|+1|5|58.5

2033|Sep|19|11|48|30.347|+1|1|14|40.68|1.004552626|+1|6|19.8

2033|Sep|20|11|52|05.599|+1|0|51|23.10|1.004281519|+1|6|41.1

2033|Sep|21|11|55|40.934|+1|0|28|03.98|1.004008027|+1|7|02.3

2033|Sep|22|11|59|16.369|+1|0|04|43.65|1.003732129|+1|7|23.4

2033|Sep|23|12|02|51.922|-1|0|18|37.53|1.003453849|+1|7|44.4

2033|Sep|24|12|06|27.612|-1|0|41|59.21|1.003173250|+1|8|05.3

2033|Sep|25|12|10|03.456|-1|1|05|21.05|1.002890436|+1|8|26.0

2033|Sep|26|12|13|39.473|-1|1|28|42.68|1.002605552|+1|8|46.5

2033|Sep|27|12|17|15.680|-1|1|52|03.75|1.002318777|+1|9|06.9

2033|Sep|28|12|20|52.096|-1|2|15|23.90|1.002030325|+1|9|27.0

2033|Sep|29|12|24|28.739|-1|2|38|42.78|1.001740445|+1|9|46.9

2033|Sep|30|12|28|05.627|-1|3|02|00.03|1.001449419|+1|10|06.6

2033|Oct|01|12|31|42.777|-1|3|25|15.29|1.001157560|+1|10|26.0

2033|Oct|02|12|35|20.208|-1|3|48|28.19|1.000865215|+1|10|45.1

2033|Oct|03|12|38|57.939|-1|4|11|38.37|1.000572759|+1|11|03.9

2033|Oct|04|12|42|35.990|-1|4|34|45.47|1.000280589|+1|11|22.4

2033|Oct|05|12|46|14.380|-1|4|57|49.15|0.999989108|+1|11|40.6

2033|Oct|06|12|49|53.134|-1|5|20|49.04|0.999698704|+1|11|58.4

2033|Oct|07|12|53|32.276|-1|5|43|44.81|0.999409713|+1|12|15.8

2033|Oct|08|12|57|11.832|-1|6|06|36.12|0.999122388|+1|12|32.8

2033|Oct|09|13|00|51.829|-1|6|29|22.65|0.998836869|+1|12|49.3

2033|Oct|10|13|04|32.292|-1|6|52|04.06|0.998553177|+1|13|05.4

2033|Oct|11|13|08|13.246|-1|7|14|40.00|0.998271219|+1|13|21.0

2033|Oct|12|13|11|54.712|-1|7|37|10.11|0.997990823|+1|13|36.1

2033|Oct|13|13|15|36.709|-1|7|59|34.03|0.997711765|+1|13|50.7

2033|Oct|14|13|19|19.257|-1|8|21|51.37|0.997433809|+1|14|04.7

2033|Oct|15|13|23|02.373|-1|8|44|01.74|0.997156725|+1|14|18.1

2033|Oct|16|13|26|46.074|-1|9|06|04.77|0.996880308|+1|14|31.0

2033|Oct|17|13|30|30.376|-1|9|28|00.06|0.996604380|+1|14|43.2

2033|Oct|18|13|34|15.294|-1|9|49|47.21|0.996328798|+1|14|54.9

2033|Oct|19|13|38|00.845|-1|10|11|25.84|0.996053452|+1|15|05.9

2033|Oct|20|13|41|47.043|-1|10|32|55.55|0.995778265|+1|15|16.2

2033|Oct|21|13|45|33.901|-1|10|54|15.93|0.995503194|+1|15|25.9

2033|Oct|22|13|49|21.434|-1|11|15|26.59|0.995228232|+1|15|34.9

2033|Oct|23|13|53|09.654|-1|11|36|27.13|0.994953407|+1|15|43.3

2033|Oct|24|13|56|58.572|-1|11|57|17.14|0.994678787|+1|15|50.9

2033|Oct|25|14|00|48.200|-1|12|17|56.21|0.994404477|+1|15|57.8

2033|Oct|26|14|04|38.548|-1|12|38|23.95|0.994130624|+1|16|04.0

2033|Oct|27|14|08|29.625|-1|12|58|39.93|0.993857414|+1|16|09.5

2033|Oct|28|14|12|21.440|-1|13|18|43.75|0.993585076|+1|16|14.2

2033|Oct|29|14|16|14.001|-1|13|38|34.99|0.993313878|+1|16|18.2

2033|Oct|30|14|20|07.317|-1|13|58|13.24|0.993044127|+1|16|21.5

2033|Oct|31|14|24|01.395|-1|14|17|38.08|0.992776171|+1|16|24.0

2033|Nov|01|14|27|56.244|-1|14|36|49.10|0.992510392|+1|16|25.7

2033|Nov|02|14|31|51.873|-1|14|55|45.89|0.992247194|+1|16|26.6

2033|Nov|03|14|35|48.292|-1|15|14|28.04|0.991986994|+1|16|26.7

2033|Nov|04|14|39|45.513|-1|15|32|55.17|0.991730190|+1|16|26.0

2033|Nov|05|14|43|43.549|-1|15|51|06.88|0.991477134|+1|16|24.6

2033|Nov|06|14|47|42.412|-1|16|09|02.80|0.991228092|+1|16|22.3

2033|Nov|07|14|51|42.114|-1|16|26|42.55|0.990983225|+1|16|19.1

2033|Nov|08|14|55|42.663|-1|16|44|05.76|0.990742574|+1|16|15.1

2033|Nov|09|14|59|44.067|-1|17|01|12.03|0.990506072|+1|16|10.3

2033|Nov|10|15|03|46.331|-1|17|18|00.97|0.990273571|+1|16|04.6

2033|Nov|11|15|07|49.459|-1|17|34|32.18|0.990044873|+1|15|58.0

2033|Nov|12|15|11|53.452|-1|17|50|45.27|0.989819757|+1|15|50.6

2033|Nov|13|15|15|58.310|-1|18|06|39.83|0.989598006|+1|15|42.3

2033|Nov|14|15|20|04.032|-1|18|22|15.48|0.989379413|+1|15|33.1

2033|Nov|15|15|24|10.617|-1|18|37|31.81|0.989163794|+1|15|23.1

2033|Nov|16|15|28|18.060|-1|18|52|28.44|0.988950988|+1|15|12.2

2033|Nov|17|15|32|26.356|-1|19|07|04.97|0.988740855|+1|15|00.4

2033|Nov|18|15|36|35.499|-1|19|21|21.04|0.988533281|+1|14|47.8

2033|Nov|19|15|40|45.479|-1|19|35|16.26|0.988328175|+1|14|34.4

2033|Nov|20|15|44|56.287|-1|19|48|50.27|0.988125475|+1|14|20.1

2033|Nov|21|15|49|07.911|-1|20|02|02.68|0.987925149|+1|14|05.1

2033|Nov|22|15|53|20.337|-1|20|14|53.15|0.987727199|+1|13|49.2

2033|Nov|23|15|57|33.550|-1|20|27|21.31|0.987531671|+1|13|32.6

2033|Nov|24|16|01|47.533|-1|20|39|26.81|0.987338653|+1|13|15.1

2033|Nov|25|16|06|02.268|-1|20|51|09.31|0.987148281|+1|12|57.0

2033|Nov|26|16|10|17.735|-1|21|02|28.45|0.986960740|+1|12|38.1

2033|Nov|27|16|14|33.914|-1|21|13|23.91|0.986776267|+1|12|18.4

2033|Nov|28|16|18|50.785|-1|21|23|55.35|0.986595144|+1|11|58.1

2033|Nov|29|16|23|08.328|-1|21|34|02.46|0.986417699|+1|11|37.1

2033|Nov|30|16|27|26.523|-1|21|43|44.93|0.986244295|+1|11|15.5

2033|Dec|01|16|31|45.351|-1|21|53|02.46|0.986075320|+1|10|53.2

2033|Dec|02|16|36|04.792|-1|22|01|54.78|0.985911167|+1|10|30.3

2033|Dec|03|16|40|24.829|-1|22|10|21.62|0.985752213|+1|10|06.8

2033|Dec|04|16|44|45.443|-1|22|18|22.73|0.985598783|+1|9|42.8

2033|Dec|05|16|49|06.615|-1|22|25|57.88|0.985451130|+1|9|18.2

2033|Dec|06|16|53|28.324|-1|22|33|06.85|0.985309406|+1|8|53.0

2033|Dec|07|16|57|50.548|-1|22|39|49.41|0.985173658|+1|8|27.4

2033|Dec|08|17|02|13.263|-1|22|46|05.35|0.985043833|+1|8|01.2

2033|Dec|09|17|06|36.443|-1|22|51|54.47|0.984919803|+1|7|34.6

2033|Dec|10|17|11|00.065|-1|22|57|16.57|0.984801385|+1|7|07.5

2033|Dec|11|17|15|24.099|-1|23|02|11.47|0.984688366|+1|6|40.1

2033|Dec|12|17|19|48.519|-1|23|06|39.00|0.984580526|+1|6|12.2

2033|Dec|13|17|24|13.295|-1|23|10|39.02|0.984477643|+1|5|44.0

2033|Dec|14|17|28|38.396|-1|23|14|11.37|0.984379507|+1|5|15.4

2033|Dec|15|17|33|03.790|-1|23|17|15.94|0.984285917|+1|4|46.6

2033|Dec|16|17|37|29.446|-1|23|19|52.62|0.984196685|+1|4|17.5

2033|Dec|17|17|41|55.328|-1|23|22|01.32|0.984111636|+1|3|48.1

2033|Dec|18|17|46|21.402|-1|23|23|41.96|0.984030611|+1|3|18.6

2033|Dec|19|17|50|47.632|-1|23|24|54.48|0.983953467|+1|2|49.0

2033|Dec|20|17|55|13.981|-1|23|25|38.83|0.983880087|+1|2|19.2

2033|Dec|21|17|59|40.409|-1|23|25|54.99|0.983810387|+1|1|49.3

2033|Dec|22|18|04|06.879|-1|23|25|42.94|0.983744323|+1|1|19.4

2033|Dec|23|18|08|33.350|-1|23|25|02.67|0.983681901|+1|0|49.5

2033|Dec|24|18|12|59.783|-1|23|23|54.20|0.983623186|+1|0|19.6

2033|Dec|25|18|17|26.137|-1|23|22|17.54|0.983568303|-1|0|10.2

2033|Dec|26|18|21|52.376|-1|23|20|12.73|0.983517440|-1|0|39.9

2033|Dec|27|18|26|18.463|-1|23|17|39.81|0.983470841|-1|1|09.4

2033|Dec|28|18|30|44.361|-1|23|14|38.87|0.983428801|-1|1|38.7|