

# **KP Ayanamsa (Mean) Comparison**

## **between**

### **Vondrak-2011 and IAU-2006 Precession Models**

The ayanamsa values for every 10 years from 300 AD to 3000 AD are compared between the two latest available precession models. For readability, the fraction part in second is ignored. The final results are tabulated. The difference shown between different models are very minor and irrelevant.

Description of column names in the table

#### **1. Year**

Year for which ayanamsa value is calculated on Jan-01 @ 00:00 Universal Time.

#### **2. Proposed**

Ayanamsa value calculated manually using IAU-2006 Precession Model, epoch is set on J2000.

#### **3. VDK11-J291**

Ayanamsa value calculated by Swiss Ephemeris using Vondrak-2011 Precession Model, epoch is set on 291-03-21 04:09:00 Universal Time.

#### **4. IAU06-J291**

Ayanamsa value calculated by Swiss Ephemeris using IAU-2006 Precession Model, epoch is set on 291-03-21 04:09:00 Universal Time.

#### **5. IAU06-J2000**

Ayanamsa value calculated by Swiss Ephemeris using IAU-2006 Precession Model, epoch is set on J2000.

**6. Diff1** = Proposed vs VDK11-J291

**7. Diff2** = Proposed vs IAU06-J291

**8. Diff3** = Proposed vs IAU06-J2000

<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
300	0.07.18	0.07.18	0.07.18	0.07.19	0	0	1
310	0.15.37	0.15.37	0.15.37	0.15.38	0	0	1
320	0.23.56	0.23.56	0.23.56	0.23.57	0	0	1
330	0.32.16	0.32.16	0.32.16	0.32.16	0	0	0
340	0.40.35	0.40.35	0.40.35	0.40.35	0	0	0
350	0.48.54	0.48.54	0.48.54	0.48.55	0	0	1
360	0.57.13	0.57.13	0.57.13	0.57.14	0	0	1
370	1.05.33	1.05.33	1.05.33	1.05.33	0	0	0
380	1.13.52	1.13.52	1.13.52	1.13.52	0	0	0
390	1.22.11	1.22.11	1.22.11	1.22.12	0	0	1
400	1.30.31	1.30.31	1.30.31	1.30.31	0	0	0
410	1.38.50	1.38.50	1.38.50	1.38.51	0	0	1
420	1.47.10	1.47.10	1.47.10	1.47.10	0	0	0
430	1.55.29	1.55.29	1.55.29	1.55.30	0	0	1
440	2.03.48	2.03.48	2.03.48	2.03.49	0	0	1
450	2.12.08	2.12.08	2.12.08	2.12.08	0	0	0
460	2.20.27	2.20.27	2.20.27	2.20.28	0	0	1
470	2.28.47	2.28.47	2.28.47	2.28.47	0	0	0
480	2.37.06	2.37.07	2.37.06	2.37.07	1	0	1
490	2.45.26	2.45.26	2.45.26	2.45.27	0	0	1
500	2.53.46	2.53.46	2.53.46	2.53.46	0	0	0
510	3.02.05	3.02.05	3.02.05	3.02.06	0	0	1
520	3.10.25	3.10.25	3.10.25	3.10.25	0	0	0
530	3.18.45	3.18.45	3.18.45	3.18.45	0	0	0
540	3.27.04	3.27.04	3.27.04	3.27.05	0	0	1
550	3.35.24	3.35.24	3.35.24	3.35.24	0	0	0
560	3.43.44	3.43.44	3.43.44	3.43.44	0	0	0
570	3.52.03	3.52.04	3.52.03	3.52.04	1	0	1
580	4.00.23	4.00.23	4.00.23	4.00.23	0	0	0
590	4.08.43	4.08.43	4.08.43	4.08.43	0	0	0
600	4.17.03	4.17.03	4.17.03	4.17.03	0	0	0
610	4.25.23	4.25.23	4.25.23	4.25.23	0	0	0
620	4.33.42	4.33.42	4.33.42	4.33.43	0	0	1
630	4.42.02	4.42.02	4.42.02	4.42.03	0	0	1
640	4.50.22	4.50.22	4.50.22	4.50.22	0	0	0
650	4.58.42	4.58.42	4.58.42	4.58.42	0	0	0

<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
660	5.07.02	5.07.02	5.07.02	5.07.02	0	0	0
670	5.15.22	5.15.22	5.15.22	5.15.22	0	0	0
680	5.23.42	5.23.42	5.23.42	5.23.42	0	0	0
690	5.32.02	5.32.02	5.32.02	5.32.02	0	0	0
700	5.40.22	5.40.22	5.40.22	5.40.22	0	0	0
710	5.48.42	5.48.42	5.48.42	5.48.42	0	0	0
720	5.57.02	5.57.02	5.57.02	5.57.02	0	0	0
730	6.05.22	6.05.22	6.05.22	6.05.22	0	0	0
740	6.13.42	6.13.42	6.13.42	6.13.42	0	0	0
750	6.22.02	6.22.03	6.22.02	6.22.03	1	0	1
760	6.30.22	6.30.23	6.30.23	6.30.23	1	1	1
770	6.38.43	6.38.43	6.38.43	6.38.43	0	0	0
780	6.47.03	6.47.03	6.47.03	6.47.03	0	0	0
790	6.55.23	6.55.23	6.55.23	6.55.23	0	0	0
800	7.03.43	7.03.43	7.03.43	7.03.44	0	0	1
810	7.12.04	7.12.04	7.12.04	7.12.04	0	0	0
820	7.20.24	7.20.24	7.20.24	7.20.24	0	0	0
830	7.28.44	7.28.44	7.28.44	7.28.44	0	0	0
840	7.37.04	7.37.05	7.37.04	7.37.05	1	0	1
850	7.45.25	7.45.25	7.45.25	7.45.25	0	0	0
860	7.53.45	7.53.45	7.53.45	7.53.45	0	0	0
870	8.02.06	8.02.06	8.02.06	8.02.06	0	0	0
880	8.10.26	8.10.26	8.10.26	8.10.26	0	0	0
890	8.18.46	8.18.47	8.18.46	8.18.47	1	0	1
900	8.27.07	8.27.07	8.27.07	8.27.07	0	0	0
910	8.35.27	8.35.28	8.35.27	8.35.28	1	0	1
920	8.43.48	8.43.48	8.43.48	8.43.48	0	0	0
930	8.52.08	8.52.09	8.52.08	8.52.09	1	0	1
940	9.00.29	9.00.29	9.00.29	9.00.29	0	0	0
950	9.08.49	9.08.50	9.08.50	9.08.50	1	1	1
960	9.17.10	9.17.10	9.17.10	9.17.10	0	0	0
970	9.25.31	9.25.31	9.25.31	9.25.31	0	0	0
980	9.33.51	9.33.51	9.33.51	9.33.51	0	0	0
990	9.42.12	9.42.12	9.42.12	9.42.12	0	0	0
1000	9.50.33	9.50.33	9.50.33	9.50.33	0	0	0
1010	9.58.53	9.58.54	9.58.53	9.58.53	1	0	0

<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
1020	10.07.14	10.07.14	10.07.14	10.07.14	0	0	0
1030	10.15.35	10.15.35	10.15.35	10.15.35	0	0	0
1040	10.23.55	10.23.56	10.23.55	10.23.56	1	0	1
1050	10.32.16	10.32.17	10.32.16	10.32.16	1	0	0
1060	10.40.37	10.40.37	10.40.37	10.40.37	0	0	0
1070	10.48.58	10.48.58	10.48.58	10.48.58	0	0	0
1080	10.57.19	10.57.19	10.57.19	10.57.19	0	0	0
1090	11.05.40	11.05.40	11.05.40	11.05.40	0	0	0
1100	11.14.00	11.14.01	11.14.01	11.14.01	1	1	1
1110	11.22.21	11.22.22	11.22.21	11.22.22	1	0	1
1120	11.30.42	11.30.43	11.30.42	11.30.42	1	0	0
1130	11.39.03	11.39.04	11.39.03	11.39.03	1	0	0
1140	11.47.24	11.47.24	11.47.24	11.47.24	0	0	0
1150	11.55.45	11.55.46	11.55.45	11.55.45	1	0	0
1160	12.04.06	12.04.06	12.04.06	12.04.06	0	0	0
1170	12.12.27	12.12.28	12.12.27	12.12.27	1	0	0
1180	12.20.48	12.20.49	12.20.48	12.20.48	1	0	0
1190	12.29.09	12.29.10	12.29.10	12.29.10	1	1	1
1200	12.37.31	12.37.31	12.37.31	12.37.31	0	0	0
1210	12.45.52	12.45.52	12.45.52	12.45.52	0	0	0
1220	12.54.13	12.54.13	12.54.13	12.54.13	0	0	0
1230	13.02.34	13.02.34	13.02.34	13.02.34	0	0	0
1240	13.10.55	13.10.55	13.10.55	13.10.55	0	0	0
1250	13.19.16	13.19.17	13.19.17	13.19.17	1	1	1
1260	13.27.38	13.27.38	13.27.38	13.27.38	0	0	0
1270	13.35.59	13.35.59	13.35.59	13.35.59	0	0	0
1280	13.44.20	13.44.20	13.44.20	13.44.20	0	0	0
1290	13.52.42	13.52.42	13.52.42	13.52.42	0	0	0
1300	14.01.03	14.01.03	14.01.03	14.01.03	0	0	0
1310	14.09.24	14.09.24	14.09.24	14.09.24	0	0	0
1320	14.17.46	14.17.46	14.17.46	14.17.46	0	0	0
1330	14.26.07	14.26.07	14.26.07	14.26.07	0	0	0
1340	14.34.28	14.34.29	14.34.28	14.34.28	1	0	0
1350	14.42.50	14.42.50	14.42.50	14.42.50	0	0	0
1360	14.51.11	14.51.11	14.51.11	14.51.11	0	0	0
1370	14.59.33	14.59.33	14.59.33	14.59.33	0	0	0

<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
1380	15.07.54	15.07.54	15.07.54	15.07.54	0	0	0
1390	15.16.16	15.16.16	15.16.16	15.16.16	0	0	0
1400	15.24.37	15.24.38	15.24.37	15.24.37	1	0	0
1410	15.32.59	15.32.59	15.32.59	15.32.59	0	0	0
1420	15.41.20	15.41.21	15.41.20	15.41.20	1	0	0
1430	15.49.42	15.49.42	15.49.42	15.49.42	0	0	0
1440	15.58.04	15.58.04	15.58.04	15.58.04	0	0	0
1450	16.06.25	16.06.26	16.06.25	16.06.25	1	0	0
1460	16.14.47	16.14.47	16.14.47	16.14.47	0	0	0
1470	16.23.09	16.23.09	16.23.09	16.23.09	0	0	0
1480	16.31.30	16.31.31	16.31.30	16.31.30	1	0	0
1490	16.39.52	16.39.53	16.39.52	16.39.52	1	0	0
1500	16.48.14	16.48.14	16.48.14	16.48.14	0	0	0
1510	16.56.36	16.56.36	16.56.36	16.56.36	0	0	0
1520	17.04.58	17.04.58	17.04.58	17.04.58	0	0	0
1530	17.13.19	17.13.20	17.13.19	17.13.19	1	0	0
1540	17.21.41	17.21.41	17.21.41	17.21.41	0	0	0
1550	17.30.03	17.30.03	17.30.03	17.30.03	0	0	0
1560	17.38.25	17.38.25	17.38.25	17.38.25	0	0	0
1570	17.46.47	17.46.47	17.46.47	17.46.47	0	0	0
1580	17.55.09	17.55.09	17.55.09	17.55.09	0	0	0
1590	18.03.29	18.03.30	18.03.30	18.03.30	1	1	1
1600	18.11.51	18.11.52	18.11.51	18.11.51	1	0	0
1610	18.20.13	18.20.14	18.20.14	18.20.14	1	1	1
1620	18.28.35	18.28.36	18.28.36	18.28.35	1	1	0
1630	18.36.58	18.36.58	18.36.58	18.36.58	0	0	0
1640	18.45.20	18.45.20	18.45.20	18.45.20	0	0	0
1650	18.53.42	18.53.42	18.53.42	18.53.42	0	0	0
1660	19.02.04	19.02.04	19.02.04	19.02.04	0	0	0
1670	19.10.26	19.10.26	19.10.26	19.10.26	0	0	0
1680	19.18.48	19.18.48	19.18.48	19.18.48	0	0	0
1690	19.27.10	19.27.11	19.27.10	19.27.10	1	0	0
1700	19.35.32	19.35.33	19.35.33	19.35.32	1	1	0
1710	19.43.55	19.43.55	19.43.55	19.43.55	0	0	0
1720	19.52.17	19.52.17	19.52.17	19.52.17	0	0	0
1730	20.00.39	20.00.39	20.00.39	20.00.39	0	0	0

Year	Proposed	VDK11-J291	IAU06-J291	IAU06-J2000	Diff1	Diff2	Diff3
1740	20.09.01	20.09.02	20.09.01	20.09.01	1	0	0
1750	20.17.24	20.17.24	20.17.24	20.17.24	0	0	0
1760	20.25.46	20.25.46	20.25.46	20.25.46	0	0	0
1770	20.34.08	20.34.09	20.34.09	20.34.08	1	1	0
1780	20.42.31	20.42.31	20.42.31	20.42.31	0	0	0
1790	20.50.53	20.50.54	20.50.53	20.50.53	1	0	0
1800	20.59.16	20.59.16	20.59.16	20.59.16	0	0	0
1810	21.07.38	21.07.38	21.07.38	21.07.38	0	0	0
1820	21.16.00	21.16.01	21.16.00	21.16.00	1	0	0
1830	21.24.23	21.24.23	21.24.23	21.24.23	0	0	0
1840	21.32.45	21.32.46	21.32.45	21.32.45	1	0	0
1850	21.41.08	21.41.08	21.41.08	21.41.08	0	0	0
1860	21.49.30	21.49.31	21.49.31	21.49.31	1	1	1
1870	21.57.53	21.57.53	21.57.53	21.57.53	0	0	0
1880	22.06.16	22.06.16	22.06.16	22.06.16	0	0	0
1890	22.14.38	22.14.39	22.14.38	22.14.38	1	0	0
<b>1900</b>	<b>22.23.01</b>	<b>22.23.01</b>	<b>22.23.01</b>	<b>22.23.01</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1910</b>	<b>22.31.24</b>	<b>22.31.24</b>	<b>22.31.24</b>	<b>22.31.24</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1920</b>	<b>22.39.46</b>	<b>22.39.46</b>	<b>22.39.46</b>	<b>22.39.46</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1930</b>	<b>22.48.09</b>	<b>22.48.09</b>	<b>22.48.09</b>	<b>22.48.09</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1940</b>	<b>22.56.32</b>	<b>22.56.32</b>	<b>22.56.32</b>	<b>22.56.32</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1950</b>	<b>23.04.54</b>	<b>23.04.55</b>	<b>23.04.55</b>	<b>23.04.54</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>1960</b>	<b>23.13.17</b>	<b>23.13.17</b>	<b>23.13.17</b>	<b>23.13.17</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1970</b>	<b>23.21.40</b>	<b>23.21.40</b>	<b>23.21.40</b>	<b>23.21.40</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1980</b>	<b>23.30.03</b>	<b>23.30.03</b>	<b>23.30.03</b>	<b>23.30.03</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>1990</b>	<b>23.38.26</b>	<b>23.38.26</b>	<b>23.38.26</b>	<b>23.38.26</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2000</b>	<b>23.46.49</b>	<b>23.46.49</b>	<b>23.46.49</b>	<b>23.46.49</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2010</b>	<b>23.55.11</b>	<b>23.55.12</b>	<b>23.55.12</b>	<b>23.55.11</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>2020</b>	<b>24.03.34</b>	<b>24.03.35</b>	<b>24.03.34</b>	<b>24.03.34</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>2030</b>	<b>24.11.57</b>	<b>24.11.58</b>	<b>24.11.57</b>	<b>24.11.57</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>2040</b>	<b>24.20.20</b>	<b>24.20.20</b>	<b>24.20.20</b>	<b>24.20.20</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2050</b>	<b>24.28.43</b>	<b>24.28.43</b>	<b>24.28.43</b>	<b>24.28.43</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2060</b>	<b>24.37.06</b>	<b>24.37.06</b>	<b>24.37.06</b>	<b>24.37.06</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2070</b>	<b>24.45.29</b>	<b>24.45.30</b>	<b>24.45.29</b>	<b>24.45.29</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>2080</b>	<b>24.53.52</b>	<b>24.53.52</b>	<b>24.53.52</b>	<b>24.53.52</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2090</b>	<b>25.02.15</b>	<b>25.02.16</b>	<b>25.02.15</b>	<b>25.02.15</b>	<b>1</b>	<b>0</b>	<b>0</b>

Year	Proposed	VDK11-J291	IAU06-J291	IAU06-J2000	Diff1	Diff2	Diff3
2100	25.10.38	25.10.39	25.10.38	25.10.38	1	0	0
2110	25.19.01	25.19.02	25.19.01	25.19.01	1	0	0
2120	25.27.25	25.27.25	25.27.25	25.27.25	0	0	0
2130	25.35.48	25.35.48	25.35.48	25.35.48	0	0	0
2140	25.44.11	25.44.11	25.44.11	25.44.11	0	0	0
2150	25.52.34	25.52.34	25.52.34	25.52.34	0	0	0
2160	26.00.57	26.00.57	26.00.57	26.00.57	0	0	0
2170	26.09.21	26.09.21	26.09.21	26.09.21	0	0	0
2180	26.17.44	26.17.44	26.17.44	26.17.44	0	0	0
2190	26.26.07	26.26.07	26.26.07	26.26.07	0	0	0
2200	26.34.30	26.34.31	26.34.30	26.34.30	1	0	0
2210	26.42.54	26.42.54	26.42.54	26.42.54	0	0	0
2220	26.51.17	26.51.17	26.51.17	26.51.17	0	0	0
2230	26.59.40	26.59.41	26.59.40	26.59.40	1	0	0
2240	27.08.04	27.08.04	27.08.04	27.08.04	0	0	0
2250	27.16.27	27.16.27	27.16.27	27.16.27	0	0	0
2260	27.24.51	27.24.51	27.24.51	27.24.51	0	0	0
2270	27.33.14	27.33.14	27.33.14	27.33.14	0	0	0
2280	27.41.38	27.41.38	27.41.37	27.41.38	0	-1	0
2290	27.50.01	27.50.01	27.50.01	27.50.01	0	0	0
2300	27.58.25	27.58.25	27.58.25	27.58.25	0	0	0
2310	28.06.48	28.06.48	28.06.48	28.06.48	0	0	0
2320	28.15.12	28.15.12	28.15.11	28.15.12	0	-1	0
2330	28.23.35	28.23.35	28.23.35	28.23.35	0	0	0
2340	28.31.59	28.31.59	28.31.59	28.31.59	0	0	0
2350	28.40.22	28.40.23	28.40.22	28.40.22	1	0	0
2360	28.48.46	28.48.46	28.48.46	28.48.46	0	0	0
2370	28.57.10	28.57.10	28.57.10	28.57.10	0	0	0
2380	29.05.33	29.05.34	29.05.33	29.05.33	1	0	0
2390	29.13.57	29.13.57	29.13.57	29.13.57	0	0	0
2400	29.22.21	29.22.21	29.22.21	29.22.21	0	0	0
2410	29.30.45	29.30.45	29.30.45	29.30.45	0	0	0
2420	29.39.09	29.39.09	29.39.08	29.39.09	0	-1	0
2430	29.47.32	29.47.33	29.47.32	29.47.32	1	0	0
2440	29.55.56	29.55.56	29.55.56	29.55.56	0	0	0
2450	30.04.20	30.04.20	30.04.20	30.04.20	0	0	0

<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
2460	30.12.44	30.12.44	30.12.44	30.12.44	0	0	0
2470	30.21.08	30.21.08	30.21.08	30.21.08	0	0	0
2480	30.29.32	30.29.32	30.29.32	30.29.32	0	0	0
2490	30.37.56	30.37.56	30.37.56	30.37.56	0	0	0
2500	30.46.20	30.46.20	30.46.20	30.46.20	0	0	0
2510	30.54.44	30.54.44	30.54.43	30.54.44	0	-1	0
2520	31.03.08	31.03.08	31.03.07	31.03.08	0	-1	0
2530	31.11.32	31.11.32	31.11.32	31.11.32	0	0	0
2540	31.19.56	31.19.56	31.19.55	31.19.56	0	-1	0
2550	31.28.20	31.28.20	31.28.20	31.28.20	0	0	0
2560	31.36.44	31.36.44	31.36.44	31.36.44	0	0	0
2570	31.45.08	31.45.08	31.45.08	31.45.08	0	0	0
2580	31.53.32	31.53.32	31.53.32	31.53.32	0	0	0
2590	32.01.56	32.01.56	32.01.56	32.01.56	0	0	0
2600	32.10.21	32.10.20	32.10.20	32.10.21	-1	-1	0
2610	32.18.45	32.18.45	32.18.44	32.18.45	0	-1	0
2620	32.27.09	32.27.09	32.27.09	32.27.09	0	0	0
2630	32.35.33	32.35.33	32.35.33	32.35.33	0	0	0
2640	32.43.57	32.43.57	32.43.57	32.43.57	0	0	0
2650	32.52.22	32.52.22	32.52.21	32.52.22	0	-1	0
2660	33.00.46	33.00.46	33.00.46	33.00.46	0	0	0
2670	33.09.10	33.09.10	33.09.10	33.09.10	0	0	0
2680	33.17.35	33.17.35	33.17.34	33.17.35	0	-1	0
2690	33.25.59	33.25.59	33.25.59	33.25.59	0	0	0
2700	33.34.24	33.34.23	33.34.23	33.34.24	-1	-1	0
2710	33.42.48	33.42.48	33.42.48	33.42.48	0	0	0
2720	33.51.12	33.51.12	33.51.12	33.51.12	0	0	0
2730	33.59.37	33.59.37	33.59.36	33.59.37	0	-1	0
2740	34.08.01	34.08.01	34.08.01	34.08.01	0	0	0
2750	34.16.26	34.16.26	34.16.26	34.16.26	0	0	0
2760	34.24.50	34.24.50	34.24.50	34.24.50	0	0	0
2770	34.33.15	34.33.15	34.33.15	34.33.15	0	0	0
2780	34.41.39	34.41.39	34.41.39	34.41.39	0	0	0
2790	34.50.04	34.50.04	34.50.04	34.50.04	0	0	0
2800	34.58.29	34.58.29	34.58.28	34.58.29	0	-1	0
2810	35.06.53	35.06.53	35.06.53	35.06.53	0	0	0



<b>Year</b>	<b>Proposed</b>	<b>VDK11-J291</b>	<b>IAU06-J291</b>	<b>IAU06-J2000</b>	<b>Diff1</b>	<b>Diff2</b>	<b>Diff3</b>
2820	35.15.18	35.15.18	35.15.18	35.15.18	0	0	0
2830	35.23.43	35.23.43	35.23.42	35.23.43	0	-1	0
2840	35.32.07	35.32.07	35.32.07	35.32.07	0	0	0
2850	35.40.32	35.40.32	35.40.32	35.40.32	0	0	0
2860	35.48.57	35.48.57	35.48.57	35.48.57	0	0	0
2870	35.57.22	35.57.22	35.57.21	35.57.22	0	-1	0
2880	36.05.47	36.05.46	36.05.46	36.05.47	-1	-1	0
2890	36.14.12	36.14.11	36.14.11	36.14.11	-1	-1	-1
2900	36.22.36	36.22.36	36.22.36	36.22.36	0	0	0
2910	36.31.01	36.31.01	36.31.01	36.31.01	0	0	0
2920	36.39.26	36.39.26	36.39.25	36.39.26	0	-1	0
2930	36.47.51	36.47.51	36.47.50	36.47.51	0	-1	0
2940	36.56.16	36.56.15	36.56.15	36.56.16	-1	-1	0
2950	37.04.41	37.04.41	37.04.40	37.04.41	0	-1	0
2960	37.13.06	37.13.05	37.13.05	37.13.06	-1	-1	0
2970	37.21.31	37.21.30	37.21.30	37.21.31	-1	-1	0
2980	37.29.56	37.29.55	37.29.55	37.29.56	-1	-1	0
2990	37.38.21	37.38.21	37.38.20	37.38.21	0	-1	0
3000	37.46.46	37.46.46	37.46.45	37.46.46	0	-1	0