

SYMBOLS for ORCUS

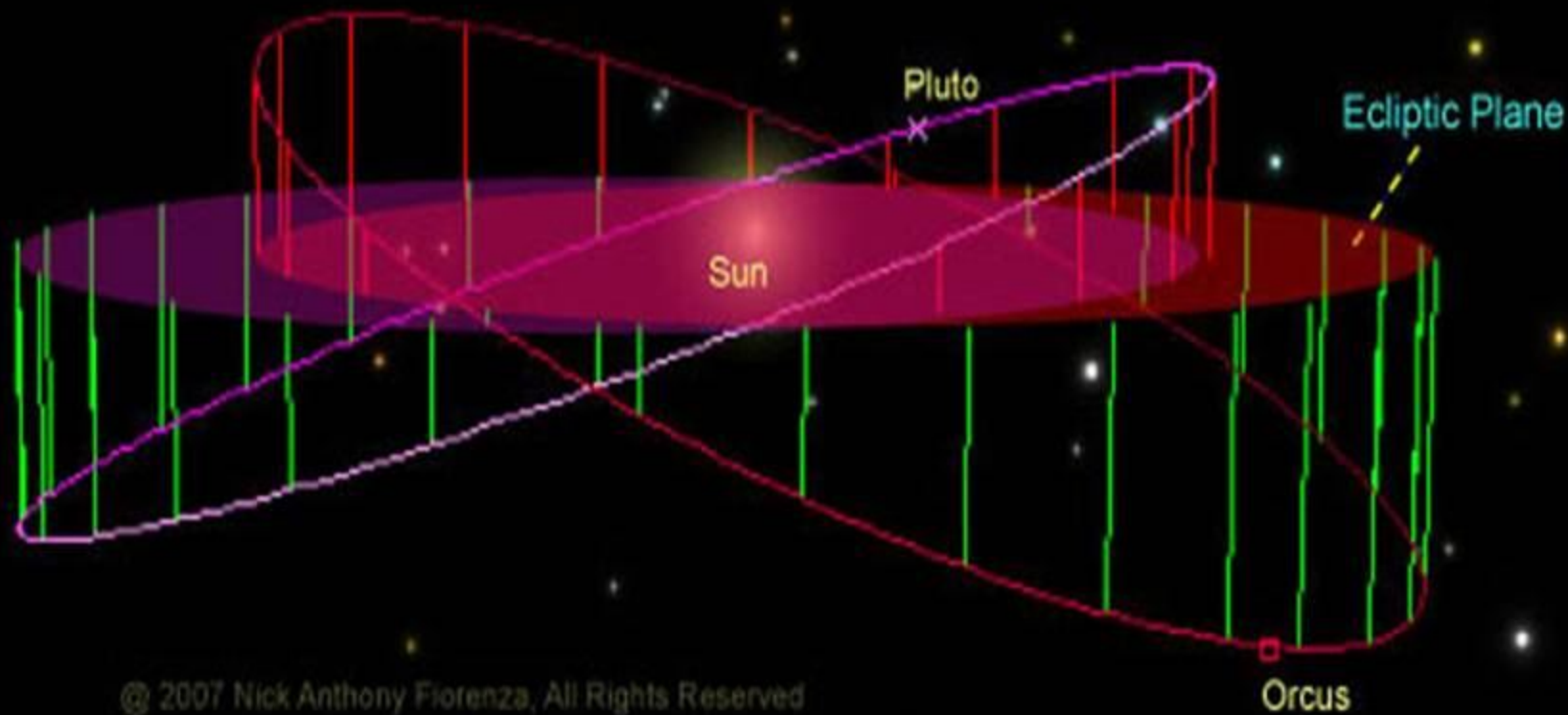


Variations on a theme of 'Pluto Up-Side-Down'!!! This reflects the astronomy, as the orbit of Orcus 'mirrors' the orbit of Pluto in an amazingly precise way.

Astrological ORCUS

- Guardian of the Soul's vows, oaths and promises
 - Healing of and by the matrilineal line
 - Clairaudience / sonar consciousness
- Healing negative self-image ('monster')
 - Jaws, TMJ, sensory acuteness
 - Primal affinity with sea mammals
- Extra-terrestrial and interspecies contact
 - 'Sea eyes' – etheric boundaries
- Detection and healing of environmental toxicity
 - Content arising from unconsciousness
 - 'Lord of Wealth'
 - 'Belly of the Whale' experiences

ORCUS (red) and PLUTO (pink)



ORCUS EPHEMERIS

You will use mainly the first few columns from the left, up to ZODIAC
Computed 10.2009 by Melanie Reinhart, with RIYAL.

www.expreso.co.cr for free download.

May be freely shared.

ORCUS	UT	ZODIAC lon	iau	lat	dec	gdist	velocity	helio	hdist	Ang
1 Jan 1900	0 00 00	15Pi24'48"	Peg	20n02	12n43	30.905	0 01 16	17Pi12	30.53	1°30'
1 Jan 1901	0 00 00	17Pi53'58"	Peg	20n11	13n47	30.901	0 01 11	19Pi43	30.57	1°56'
1 Jan 1902	0 00 00	20Pi23'23"	Peg	20n18	14n50	30.906	0 01 06	22Pi15	30.62	2°21'
1 Jan 1903	0 00 00	22Pi52'51"	Peg	20n22	15n51	30.919	0 01 00	24Pi46	30.67	2°43'
1 Jan 1904	0 00 00	25Pi22'14"	Peg	20n25	16n51	30.940	0 00 54	27Pi16	30.74	3°05'
31 Dec 1904	0 00 00	27Pi51'15"	Peg	20n26	17n50	30.968	0 00 48	29Pi47	30.81	3°27'
31 Dec 1905	0 00 00	0Ar19'45"	Peg	20n25	18n47	31.004	0 00 42	2Ar16	30.89	3°49'
31 Dec 1906	0 00 00	2Ar47'31"	Peg	20n21	19n43	31.047	0 00 36	4Ar44	30.97	4°13'
31 Dec 1907	0 00 00	5Ar14'24"	Peg	20n16	20n36	31.100	0 00 30	7Ar11	31.07	4°37'
30 Dec 1908	0 00 00	7Ar40'19"	Peg	20n09	21n27	31.161	0 00 24	9Ar36	31.17	5°03'
30 Dec 1909	0 00 00	10Ar05'10"	Peg	19n59	22n17	31.231	0 00 19	12Ar00	31.29	5°28'
30 Dec 1910	0 00 00	12Ar28'52"	And	19n48	23n03	31.310	0 00 13	14Ar23	31.41	5°53'
30 Dec 1911	0 00 00	14Ar51'22"	And	19n35	23n48	31.398	0 00 07	16Ar44	31.54	6°17'
29 Dec 1912	0 00 00	17Ar12'37"	And	19n20	24n30	31.494	0 00 01	19Ar04	31.67	6°40'
29 Dec 1913	0 00 00	19Ar32'31"	And	19n03	25n10	31.599	-0 00 04	21Ar22	31.82	7°01'
29 Dec 1914	0 00 00	21Ar51'00"	Psc	18n45	25n48	31.710	-0 00 09	23Ar38	31.97	7°20'
29 Dec 1915	0 00 00	24Ar07'57"	Psc	18n26	26n23	31.828	-0 00 14	25Ar53	32.13	7°37'
28 Dec 1916	0 00 00	26Ar23'14"	Psc	18n05	26n55	31.952	-0 00 19	28Ar06	32.29	7°53'
28 Dec 1917	0 00 00	28Ar36'44"	Psc	17n42	27n25	32.082	-0 00 24	0Ta17	32.46	8°09'
28 Dec 1918	0 00 00	0Ta48'18"	Psc	17n19	27n53	32.217	-0 00 29	2Ta26	32.63	8°26'
28 Dec 1919	0 00 00	2Ta57'55"	Tri	16n54	28n17	32.358	-0 00 33	4Ta33	32.81	8°44'
27 Dec 1920	0 00 00	5Ta05'31"	Tri	16n28	28n39	32.505	-0 00 37	6Ta38	32.99	9°02'

27 Dec 1921	0 00 00	7Ta11'08"	Tri	16n02	28n59	32.659	-0 00 41	8Ta40	33.18	9°21'
27 Dec 1922	0 00 00	9Ta14'49"	Tri	15n34	29n15	32.820	-0 00 45	10Ta41	33.37	9°40'
27 Dec 1923	0 00 00	11Ta16'38"	Tri	15n05	29n29	32.986	-0 00 48	12Ta40	33.57	9°59'
26 Dec 1924	0 00 00	13Ta16'37"	Tri	14n36	29n41	33.159	-0 00 52	14Ta37	33.77	10°16'
26 Dec 1925	0 00 00	15Ta14'53"	Ari	14n06	29n50	33.338	-0 00 55	16Ta32	33.98	10°31'
26 Dec 1926	0 00 00	17Ta11'28"	Ari	13n35	29n57	33.522	-0 00 58	18Ta25	34.19	10°44'
26 Dec 1927	0 00 00	19Ta06'22"	Ari	13n04	30n02	33.709	-0 01 00	20Ta17	34.40	10°54'
25 Dec 1928	0 00 00	20Ta59'35"	Ari	12n33	30n04	33.900	-0 01 03	22Ta06	34.62	11°03'
25 Dec 1929	0 00 00	22Ta51'05"	Ari	12n01	30n05	34.093	-0 01 05	23Ta55	34.84	11°11'
25 Dec 1930	0 00 00	24Ta40'49"	Ari	11n29	30n03	34.289	-0 01 07	25Ta41	35.06	11°19'
25 Dec 1931	0 00 00	26Ta28'46"	Ari	10n56	29n59	34.488	-0 01 09	27Ta26	35.28	11°28'
24 Dec 1932	0 00 00	28Ta14'54"	Tau	10n23	29n53	34.689	-0 01 11	29Ta08	35.50	11°38'
24 Dec 1933	0 00 00	29Ta59'17"	Tau	9n50	29n45	34.893	-0 01 12	0Ge49	35.72	11°49'
24 Dec 1934	0 00 00	1Ge41'59"	Tau	9n17	29n36	35.101	-0 01 14	2Ge29	35.95	12°00'
24 Dec 1935	0 00 00	3Ge23'03"	Tau	8n44	29n24	35.312	-0 01 15	4Ge07	36.17	12°12'
23 Dec 1936	0 00 00	5Ge02'34"	Tau	8n11	29n11	35.526	-0 01 16	5Ge43	36.40	12°22'
23 Dec 1937	0 00 00	6Ge40'39"	Tau	7n38	28n57	35.743	-0 01 17	7Ge18	36.64	12°30'
23 Dec 1938	0 00 00	8Ge17'22"	Tau	7n05	28n41	35.963	-0 01 18	8Ge52	36.87	12°36'
23 Dec 1939	0 00 00	9Ge52'46"	Tau	6n32	28n24	36.184	-0 01 19	10Ge24	37.10	12°40'
22 Dec 1940	0 00 00	11Ge26'55"	Tau	5n59	28n05	36.405	-0 01 19	11Ge56	37.33	12°40'
22 Dec 1941	0 00 00	12Ge59'48"	Tau	5n26	27n46	36.626	-0 01 20	13Ge26	37.57	12°40'
22 Dec 1942	0 00 00	14Ge31'23"	Tau	4n54	27n25	36.847	-0 01 20	14Ge54	37.79	12°40'
22 Dec 1943	0 00 00	16Ge01'41"	Tau	4n22	27n03	37.067	-0 01 20	16Ge22	38.02	12°40'
21 Dec 1944	0 00 00	17Ge30'42"	Tau	3n50	26n40	37.287	-0 01 21	17Ge48	38.25	12°42'
21 Dec 1945	0 00 00	18Ge58'28"	Tau	3n18	26n16	37.507	-0 01 21	19Ge13	38.48	12°46'
21 Dec 1946	0 00 00	20Ge25'02"	Tau	2n46	25n52	37.728	-0 01 21	20Ge37	38.70	12°50'
21 Dec 1947	0 00 00	21Ge50'29"	Tau	2n15	25n26	37.950	-0 01 21	22Ge00	38.93	12°54'
20 Dec 1948	0 00 00	23Ge14'53"	Tau	1n44	25n00	38.172	-0 01 21	23Ge22	39.15	12°59'
20 Dec 1949	0 00 00	24Ge38'17"	Tau	1n13	24n33	38.395	-0 01 20	24Ge43	39.38	13°02'
20 Dec 1950	0 00 00	26Ge00'47"	Tau	0n42	24n06	38.619	-0 01 20	26Ge03	39.60	13°03'
20 Dec 1951	0 00 00	27Ge22'27"	Tau	0n12	23n38	38.842	-0 01 20	27Ge22	39.83	13°01'
19 Dec 1952	0 00 00	28Ge43'17"	Tau	0s17	23n09	39.064	-0 01 19	28Ge40	40.05	12°56'
19 Dec 1953	0 00 00	0Ca03'16"	Gem	0s47	22n40	39.285	-0 01 19	29Ge58	40.27	12°50'
19 Dec 1954	0 00 00	1Ca22'23"	Gem	1s16	22n10	39.503	-0 01 18	1Ca15	40.48	12°44'
19 Dec 1955	0 00 00	2Ca40'36"	Gem	1s45	21n40	39.718	-0 01 18	2Ca31	40.70	12°38'
18 Dec 1956	0 00 00	3Ca57'54"	Ori	2s13	21n10	39.932	-0 01 17	3Ca46	40.91	12°34'
18 Dec 1957	0 00 00	5Ca14'18"	Gem	2s41	20n39	40.145	-0 01 16	5Ca00	41.11	12°31'
18 Dec 1958	0 00 00	6Ca29'51"	Gem	3s09	20n08	40.356	-0 01 16	6Ca14	41.32	12°30'

18	Dec	1959	0 00 00	7Ca44'36"	Gem	3s36	19n37	40.566	-0 01 15	7Ca27	41.53	12°30'
17	Dec	1960	0 00 00	8Ca58'38"	Gem	4s03	19n06	40.776	-0 01 14	8Ca39	41.73	12°30'
17	Dec	1961	0 00 00	10Ca12'01"	Gem	4s29	18n34	40.985	-0 01 13	9Ca50	41.93	12°29'
17	Dec	1962	0 00 00	11Ca24'52"	Gem	4s56	18n03	41.194	-0 01 12	11Ca01	42.13	12°26'
17	Dec	1963	0 00 00	12Ca37'14"	Gem	5s21	17n31	41.401	-0 01 12	12Ca12	42.33	12°20'
16	Dec	1964	0 00 00	13Ca49'09"	Gem	5s47	16n59	41.607	-0 01 11	13Ca22	42.53	12°11'
16	Dec	1965	0 00 00	15Ca00'39"	Gem	6s12	16n27	41.809	-0 01 10	14Ca32	42.72	11°59'
16	Dec	1966	0 00 00	16Ca11'40"	Gem	6s36	15n54	42.008	-0 01 09	15Ca41	42.91	11°48'
16	Dec	1967	0 00 00	17Ca22'09"	Gem	7s00	15n22	42.203	-0 01 07	16Ca50	43.10	11°36'
15	Dec	1968	0 00 00	18Ca32'06"	Gem	7s24	14n50	42.395	-0 01 06	17Ca58	43.28	11°27'
15	Dec	1969	0 00 00	19Ca41'29"	Gem	7s48	14n17	42.584	-0 01 05	19Ca06	43.46	11°18'
15	Dec	1970	0 00 00	20Ca50'19"	Gem	8s11	13n45	42.771	-0 01 04	20Ca13	43.63	11°12'
15	Dec	1971	0 00 00	21Ca58'37"	Gem	8s33	13n12	42.956	-0 01 03	21Ca20	43.80	11°06'
14	Dec	1972	0 00 00	23Ca06'24"	Gem	8s56	12n40	43.138	-0 01 02	22Ca26	43.98	11°01'
14	Dec	1973	0 00 00	24Ca13'46"	CMi	9s17	12n07	43.320	-0 01 01	23Ca32	44.14	10°56'
14	Dec	1974	0 00 00	25Ca20'44"	CMi	9s39	11n35	43.500	-0 00 59	24Ca37	44.31	10°49'
14	Dec	1975	0 00 00	26Ca27'23"	CMi	10s00	11n02	43.677	-0 00 58	25Ca43	44.47	10°40'
13	Dec	1976	0 00 00	27Ca33'46"	CMi	10s21	10n30	43.852	-0 00 57	26Ca48	44.64	10°26'
13	Dec	1977	0 00 00	28Ca39'52"	Cnc	10s41	9n57	44.023	-0 00 55	27Ca52	44.79	10°11'
13	Dec	1978	0 00 00	29Ca45'40"	CMi	11s01	9n25	44.190	-0 00 54	28Ca57	44.94	9°55'
13	Dec	1979	0 00 00	0Le51'10"	Cnc	11s21	8n53	44.352	-0 00 53	0Le01	45.09	9°39'
12	Dec	1980	0 00 00	1Le56'18"	Cnc	11s40	8n20	44.510	-0 00 51	1Le05	45.23	9°25'
12	Dec	1981	0 00 00	3Le01'06"	Cnc	11s59	7n48	44.665	-0 00 50	2Le09	45.37	9°12'
12	Dec	1982	0 00 00	4Le05'33"	Cnc	12s18	7n16	44.816	-0 00 49	3Le12	45.51	9°02'
12	Dec	1983	0 00 00	5Le09'41"	Cnc	12s36	6n44	44.965	-0 00 47	4Le15	45.64	8°53'
11	Dec	1984	0 00 00	6Le13'31"	Hya	12s54	6n12	45.111	-0 00 46	5Le18	45.77	8°45'
11	Dec	1985	0 00 00	7Le17'06"	Hya	13s11	5n41	45.256	-0 00 44	6Le20	45.90	8°38'
11	Dec	1986	0 00 00	8Le20'31"	Hya	13s28	5n09	45.398	-0 00 43	7Le23	46.02	8°30'
11	Dec	1987	0 00 00	9Le23'47"	Hya	13s45	4n37	45.538	-0 00 41	8Le25	46.15	8°19'
10	Dec	1988	0 00 00	10Le26'57"	Hya	14s01	4n06	45.675	-0 00 40	9Le27	46.27	8°04'
10	Dec	1989	0 00 00	11Le30'00"	Hya	14s17	3n35	45.808	-0 00 38	10Le29	46.38	7°47'
10	Dec	1990	0 00 00	12Le32'55"	Hya	14s33	3n03	45.937	-0 00 37	11Le31	46.49	7°29'
10	Dec	1991	0 00 00	13Le35'39"	Hya	14s48	2n32	46.061	-0 00 35	12Le33	46.60	7°11'
9	Dec	1992	0 00 00	14Le38'08"	Hya	15s03	2n01	46.181	-0 00 34	13Le34	46.70	6°54'
9	Dec	1993	0 00 00	15Le40'23"	Hya	15s18	1n30	46.297	-0 00 32	14Le36	46.80	6°38'
9	Dec	1994	0 00 00	16Le42'23"	Hya	15s32	0n59	46.409	-0 00 31	15Le37	46.89	6°24'
9	Dec	1995	0 00 00	17Le44'07"	Hya	15s46	0n28	46.518	-0 00 29	16Le38	46.98	6°13'
8	Dec	1996	0 00 00	18Le45'40"	Hya	16s00	0s03	46.625	-0 00 28	17Le39	47.07	6°03'

8 Dec 1997	0 00 00	19Le47'03"	Hya	16s13	0s33	46.729	-0 00 26	18Le40	47.15	5°54'
8 Dec 1998	0 00 00	20Le48'22"	Hya	16s26	1s03	46.830	-0 00 24	19Le41	47.24	5°44'
8 Dec 1999	0 00 00	21Le49'41"	Hya	16s38	1s33	46.929	-0 00 23	20Le41	47.32	5°31'
7 Dec 2000	0 00 00	22Le51'02"	Hya	16s50	2s03	47.025	-0 00 21	21Le42	47.39	5°15'
7 Dec 2001	0 00 00	23Le52'27"	Hya	17s02	2s33	47.117	-0 00 19	22Le43	47.47	4°57'
7 Dec 2002	0 00 00	24Le53'55"	Hya	17s14	3s03	47.205	-0 00 18	23Le44	47.53	4°36'
7 Dec 2003	0 00 00	25Le55'21"	Hya	17s25	3s33	47.287	-0 00 16	24Le45	47.60	4°15'
6 Dec 2004	0 00 00	26Le56'45"	Hya	17s36	4s03	47.365	-0 00 14	25Le46	47.65	3°55'
6 Dec 2005	0 00 00	27Le58'05"	Hya	17s46	4s32	47.438	-0 00 13	26Le46	47.71	3°37'
6 Dec 2006	0 00 00	28Le59'16"	Hya	17s56	5s02	47.507	-0 00 11	27Le47	47.76	3°20'
6 Dec 2007	0 00 00	0Vi00'21"	Sex	18s06	5s31	47.572	-0 00 09	28Le48	47.80	3°05'
5 Dec 2008	0 00 00	1Vi01'18"	Sex	18s16	6s00	47.634	-0 00 08	29Le48	47.84	2°52'
5 Dec 2009	0 00 00	2Vi02'08"	Sex	18s25	6s29	47.693	-0 00 06	0Vi49	47.88	2°41'
5 Dec 2010	0 00 00	3Vi02'56"	Sex	18s34	6s58	47.750	-0 00 04	1Vi49	47.92	2°30'
5 Dec 2011	0 00 00	4Vi03'45"	Sex	18s42	7s26	47.803	-0 00 02	2Vi50	47.95	2°17'
4 Dec 2012	0 00 00	5Vi04'36"	Sex	18s51	7s55	47.854	-0 00 01	3Vi50	47.98	2°01'
4 Dec 2013	0 00 00	6Vi05'33"	Sex	18s58	8s23	47.900	0 00 01	4Vi51	48.01	1°42'
4 Dec 2014	0 00 00	7Vi06'32"	Sex	19s06	8s51	47.942	0 00 03	5Vi52	48.03	1°22'
4 Dec 2015	0 00 00	8Vi07'34"	Sex	19s13	9s20	47.980	0 00 05	6Vi53	48.04	1°01'
3 Dec 2016	0 00 00	9Vi08'37"	Sex	19s20	9s48	48.012	0 00 06	7Vi54	48.06	0°40'
3 Dec 2017	0 00 00	10Vi09'39"	Sex	19s26	10s15	48.039	0 00 08	8Vi55	48.06	0°20'
3 Dec 2018	0 00 00	11Vi10'40"	Sex	19s33	10s43	48.062	0 00 10	9Vi56	48.07	0°02'
3 Dec 2019	0 00 00	12Vi11'40"	Sex	19s38	11s11	48.082	0 00 11	10Vi57	48.06	-0°13'
2 Dec 2020	0 00 00	13Vi12'37"	Sex	19s44	11s38	48.097	0 00 13	11Vi58	48.06	-0°26'
2 Dec 2021	0 00 00	14Vi13'37"	Hya	19s49	12s05	48.110	0 00 15	12Vi59	48.05	-0°37'
2 Dec 2022	0 00 00	15Vi14'41"	Hya	19s54	12s32	48.121	0 00 17	14Vi00	48.04	-0°48'
2 Dec 2023	0 00 00	16Vi15'51"	Hya	19s58	12s59	48.129	0 00 19	15Vi01	48.03	-1°00'
1 Dec 2024	0 00 00	17Vi17'12"	Hya	20s02	13s25	48.134	0 00 20	16Vi03	48.01	-1°14'
1 Dec 2025	0 00 00	18Vi18'43"	Hya	20s06	13s52	48.135	0 00 22	17Vi04	48.00	-1°31'
1 Dec 2026	0 00 00	19Vi20'24"	Hya	20s09	14s18	48.132	0 00 24	18Vi06	47.97	-1°51'
1 Dec 2027	0 00 00	20Vi22'13"	Hya	20s13	14s45	48.124	0 00 26	19Vi08	47.94	-2°11'
30 Nov 2028	0 00 00	21Vi24'05"	Crt	20s15	15s11	48.111	0 00 27	20Vi10	47.91	-2°31'
30 Nov 2029	0 00 00	22Vi26'01"	Crt	20s18	15s37	48.093	0 00 29	21Vi13	47.87	-2°51'

INGRESSES and STATIONS OF ORCUS, 2007 - 2013

Note that for most of this period, Orcus is aligned (in zodiacal longitude) with the Fixed Star Regulus, currently at 29Leo57. The dates on which this is exact are listed. Regulus ('Coeur de Lion') is one of the four Royal Stars of the Persians, and said to be the 'Watcher of the North'. These stars are each said to relate to a particular human nemesis, and Regulus refers to revenge. By this token, in the 'Heart of the Lion' we may find the fires of rage which given the opportunity, can burn through to forgiveness in the individual human soul and end the cycle of harm.

Contemplating Orcus when it is stationary, (marked R = Retrograde or D = Direct) will yield an attunement to its process. This period of time lasts about 10 days, from about a week (or sometimes even more) before the date listed, until a few days after.

Themes of Orcus

Alignment with the soul's contract and oaths, clearing what is in the way of fulfilling them – healing of and from the cosmic matrilineal line and personal issues to do with bonding or entanglement – discerning deeply hidden aggression and allowing the energy to transform – anchoring extra-terrestrial communication – allowing new life to surface, perhaps heralded by dreams. 'Belly of the Whale' experiences – feeling 'swallowed' by person or circumstance. Watery feeling 'understood'. Echolocation, clairaudience, sensing the emotional qualities within personal 'impact'.

Orcus	D		11 May 2007	19:45	26°Le57' D	
ORCUS	CONJUNCT	REGULUS	12/13 Nov 2007			
Orcus	Enters	Virgo	21 Nov 2007	08:01	00°Vi00' D	00°Vi00' D
Orcus	R		29 Nov 2007	16:51	00°Vi00' R	
Orcus	Re-enters	Leo	8 Dec 2007	01:40	00°Vi00' R	00°Vi00' D
ORCUS	CONJUNCT	REGULUS	16/17 Dec 2007			
Orcus	D		12 May 2008	00:17	27°Le58' D	
ORCUS	CONJUNCT	REGULUS	10 Sept 2008			
Orcus	Enters	Virgo	12 Sep 2008	08:11	00°Vi00' D	00°Vi00' D
Orcus	R		29 Nov 2008	23:39	01°Vi01' R	
Orcus	Re-enters	Leo	19 Feb 2009	17:06	00°Vi00' R	00°Vi00' D
ORCUS	CONJUNCT	REGULUS	22 Feb 2009			
Orcus	D		13 May 2009	06:06	28°Le58' D	
ORCUS	CONJUNCT	REGULUS	30 Jul 2009			
Orcus	Enters	Virgo	1 Aug 2009	01:16	00°Vi00' D	00°Vi00' D
Orcus	R		1 Dec 2009	05:46	02°Vi02' R	
Orcus	Re-enters	Leo	7 May 2010	23:39	00°Vi00' R	00°Vi00' D
Orcus	D		14 May 2010	12:22	29°Le59' D	
ORCUS	CONJUNCT	REGULUS (not exact)	DURING THIS STATION PERIOD			
Orcus	Enters	Virgo	21 May 2010	03:59	00°Vi00' D	00°Vi00' D
Orcus	R		2 Dec 2010	10:29	03°Vi03' R	
Orcus	D		15 May 2011	20:04	01°Vi00' D	
Orcus	R		3 Dec 2011	14:41	04°Vi03' R	
Orcus	D		16 May 2012	05:03	02°Vi00' D	
Orcus	R		3 Dec 2012	23:30	05°Vi04' R	

ORCUS opposite CHIRON

(exact 7 times from 2010-2012)

Chiron Enters Pisces 20 April 2010 – GULF OIL DISASTER

**Chiron Opp Orcus 22 Apr 2010 00°Pi04' D 00°Vi04' R
(the day the oil rig sank)**

Orcus Re-enters Leo Rx 7 May 2010
Orcus Re-enters Virgo D 21 May 2010

Chiron	Opp	Orcus	6 Jul 2010	00°Pi28' R	00°Vi28' D
Chiron	Opp	Orcus	6 Mar 2011	01°Pi46' D	01°Vi46' R
Chiron	Opp	Orcus	2 Sep 2011	02°Pi42' R	02°Vi42' D
Chiron	Opp	Orcus	29 Jan 2012	03°Pi30' D	03°Vi30' R
Chiron	Opp	Orcus	11 Nov 2012	04°Pi59' R	04°Vi59' D
Chiron	Opp	Orcus	28 Nov 2012	05°Pi04' D	05°Vi04' D

Obama's Chiron is at 5°19' Pisces

ORCUS

- **Stations**
- **Conjunctions or oppositions with the Sun**
- **Ingresses**

Sun	Opp	Orcus	17 Feb 2007	27°Aq59' D	27°Le59' R
Orcus	D		11 May 2007	26°Le57' D	
Sun	Cnj	Orcus	21 Aug 2007	28°Le29' D	28°Le29' D
Orcus	Enters	Vir	21 Nov 2007	00°Vi00' D	00°Vi00' D
Orcus	R		29 Nov 2007	00°Vi00' R	
Orcus	Enters	Leo	7 Dec 2007	00°Vi00' R	00°Vi00' D
Sun	Opp	Orcus	18 Feb 2008	29°Aq00' D	29°Le00' R
Orcus	D		11 May 2008	27°Le58' D	
Sun	Cnj	Orcus	22 Aug 2008	29°Le30' D	29°Le30' D
Orcus	Enters	Vir	12 Sep 2008	00°Vi00' D	00°Vi00' D
Orcus	R		29 Nov 2008	01°Vi01' R	
Sun	Opp	Orcus	18 Feb 2009	00°Pi01' D	00°Vi01' R
Orcus	Enters	Leo	19 Feb 2009	00°Vi00' R	00°Vi00' D
Orcus	D		13 May 2009	28°Le58' D	
Orcus	Enters	Vir	31 Jul 2009	00°Vi00' D	00°Vi00' D
Sun	Cnj	Orcus	23 Aug 2009	00°Vi31' D	00°Vi31' D
Orcus	R		1 Dec 2009	02°Vi02' R	
Sun	Opp	Orcus	19 Feb 2010	01°Pi01' D	01°Vi01' R
Orcus	Enters	Leo	8 May 2010	00°Vi00' R	00°Vi00' D
Orcus	D		14 May 2010	29°Le59' D	
Orcus	Enters	Vir	20 May 2010	00°Vi00' D	00°Vi00' D
Sun	Cnj	Orcus	24 Aug 2010	01°Vi32' D	01°Vi32' D
Orcus	R		2 Dec 2010	03°Vi03' R	
Sun	Opp	Orcus	21 Feb 2011	02°Pi02' D	02°Vi02' R
Orcus	D		15 May 2011	01°Vi00' D	
Sun	Cnj	Orcus	26 Aug 2011	02°Vi32' D	02°Vi32' D
Orcus	R		3 Dec 2011	04°Vi03' R	
Sun	Opp	Orcus	22 Feb 2012	03°Pi03' D	03°Vi03' R
Orcus	D		16 May 2012	02°Vi01' D	
Sun	Cnj	Orcus	26 Aug 2012	03°Vi33' D	03°Vi33' D
Orcus	R		3 Dec 2012	05°Vi04' R	
Sun	Opp	Orcus	22 Feb 2013	04°Pi04' D	04°Vi04' R
Orcus	D		17 May 2013	03°Vi01' D	
Sun	Cnj	Orcus	27 Aug 2013	04°Vi34' D	04°Vi34' D
Orcus	R		5 Dec 2013	06°Vi05' R	

TNOs and SDOs

Definitions

TNO = Trans-Neptunian-Object

SDO = Scattered Disk Object, those believed to have been ‘scattered’ from the Kuiper Belt into more distant and unusual orbits.

Plutino = KBO orbiting in 2:3 ratio to Neptune. (UR-NE-PL = 1:2:3)

One Astronomical Unit = Distance from Earth to Sun = 149,597,870,671 km

(At 100mph, it would take over 100yr to travel One AU !!)

NAME	Number(s)	Discovered	Named	Perihelion	Aphelion	Diam. (km)	Zodiac 3.2010	Orbit (yr)	MSD in au
PLUTO	MP134340	18.2.1930	1.5.1930	29.66au	49.3an	2274	6CAP	247	30
SEDNA	2003VB12	14.11.2003	28.9.2004	76au	913au	1180-1180	22TAU	11483	495
ERIS	2003 UB313	21.10.2003		37au	97.56au	3086	22ARI	556	67
ORCUS	2004 DW	17.2.2004	22.11.2004	30au	48au	946	0VIR	247	39
QUAOAR	2002LM60	4.6.02		41.93au	45.29au	1260	22SAG	282	43
VARUNA	20000	28.11.2000		41au	45au	874	20CAN	282	42
HAUMEA	2003 EL61	25.7.2005		34.72au	45.29au	1500	19LIB	285	43
MAKEMAKE	2005 FY9	31.3.2005	7.2008	38.5au	53au	1300-1900	26VIR	310	46

Notes:

- Haumea [2003 EL61] is called ‘the strangest known object in the Kuiper Belt’. It is followed in its orbit by a swarm of icy bodies ejected from its surface, possibly in a ‘catastrophic disruption’ which occurred in its history. Its orbit is very unstable. A name from Hawaiian mythology has been proposed, in honour of the team at Mauna Kea who found it. Controversy around who discovered it first, as information was accessed on the Internet before announcement. (‘Santa’ was its first nickname)
- The IAU’s rules say that TNOs are supposed to be named after creation gods.
- Pluto travels inside Neptune’s orbit: last time 2/1979 – 2/1999. Details of its orbit included here for reference.
- Orcus is also a Plutino, but doesn’t enter Neptune’s sphere. It’s orbital inclination is also opposite to Pluto, and the orbit length is similar.
- Dysnomia, moon of Eris, is also name of a condition where names remain ‘on the tip of the tongue’ and one can’t remember them!

CHIRON AND ORCUS – A selection

This list is not complete, but shows the major Ingresses of Chiron and Orcus, with their conjunctions and oppositions marked in red, 1900 – 2020. Forthcoming aspects and ingresses include the time, in GMT. For more detail, download RIYAL at www.expreso.co.cr/centaurs. This information below was computed with Solar Fire DeLuxe.

Orcus Enters	Ari	13 Mar 1905			
Chiron Enters	Pis	20 Mar 1910			
Chiron Enters	Aqu	29 Aug 1910 R			
Chiron Enters	Pis	15 Jan 1911			
Orcus Enters	Tau	24 May 1917			
Chiron Enters	Ari	31 Mar 1918			
Chiron Enters	Pis	22 Oct 1918 R			
Chiron Enters	Ari	28 Jan 1919			
Orcus Enters	Gem	31 Jul 1932			
Chiron	Cnj	Orcus Tr-Tr 15 Jun 1933	00°Ge35' D		
Chiron	Cnj	Orcus Tr-Tr 21 Dec 1933	00°Ge02' R		
Chiron	Cnj	Orcus Tr-Tr 18 Mar 1934	29°Ta46' D		
Chiron	Opp	Orcus Tr-Tr 29 Dec 1950	25°Sg48' D		
Chiron	Opp	Orcus Tr-Tr 26 Jul 1951	27°Sg41' R		
Chiron	Opp	Orcus Tr-Tr 18 Oct 1951	28°Sg25' D		
Orcus Enters	Can	16 Jul 1953			
Chiron Enters	Pis	26 Mar 1960			
Chiron Enters	Aqu	19 Aug 1960 R			
Chiron Enters	Pis	21 Jan 1961			
Chiron Enters	Ari	1 Apr 1968			
Chiron Enters	Pis	18 Oct 1968 R			
Chiron Enters	Ari	30 Jan 1969			
Orcus Enters	Leo	7 Oct 1978			
Orcus Enters	Vir	21 Nov 2007			
Orcus Enters	Leo	7 Dec 2007 R			
Orcus Enters	Vir	12 Sep 2008			
Orcus Enters	Leo	19 Feb 2009 R			
Orcus Enters	Vir	31 Jul 2009			
Chiron Enters	Pis	20 Apr 2010			
Chiron	Opp	Orcus Tr-Tr 22 Apr 2010	05:15	00°Pi04' D	00°Vi04' R
Orcus Enters	Leo	7 May 2010			
Orcus Enters	Vir	21 May 2010			
Chiron	Opp	Orcus Tr-Tr 6 Jul 2010	19:00	00°Pi28' R	00°Vi28' D
Chiron Enters	Aqu	20 Jul 2010 09:40			
Chiron Enters	Pis	8 Feb 2011 19:56			
Chiron	Opp	Orcus Tr-Tr 6 Mar 2011	23:10	01°Pi46' D	01°Vi46' R
Chiron	Opp	Orcus Tr-Tr 2 Sep 2011	01:03	02°Pi42' R	02°Vi42' D
Chiron	Opp	Orcus Tr-Tr 29 Jan 2012	21:11	03°Pi30' D	03°Vi30' R
Chiron	Opp	Orcus Tr-Tr 11 Nov 2012	19:53	04°Pi59' R	04°Vi59' D
Chiron	Opp	Orcus Tr-Tr 28 Nov 2012	10:04	05°Pi04' D	05°Vi04' D
Chiron Enters	Ari	17 Apr 2018	08:10		
Chiron Enters	Pis	26 Sep 2018	00:11		
Chiron Enters	Ari	18 Feb 2019	09:07		

INGRESSES of ORCUS 1900 – 2050

The orbit of Orcus, being very similar to that of Pluto, lasts 247 years, and is also very elliptical. Therefore it spends longer in some signs than others. It made its final ingress into Virgo in May 2010, and will stay in this sign until 2037.

Orcus Enters Ari	22 May 1904
Orcus Enters Pis	19 Aug 1904
Orcus Enters Ari	13 Mar 1905
Orcus Enters Tau	24 May 1917
Orcus Enters Ari	20 Oct 1917
Orcus Enters Tau	25 Mar 1918
Orcus Enters Gem	31 Jul 1932
Orcus Enters Tau	4 Oct 1932
Orcus Enters Gem	27 May 1933
Orcus Enters Tau	23 Dec 1933
Orcus Enters Gem	30 Mar 1934
Orcus Enters Can	16 Jul 1953
Orcus Enters Gem	21 Dec 1953
Orcus Enters Can	30 May 1954
Orcus Enters Leo	7 Oct 1978
Orcus Enters Can	23 Nov 1978
Orcus Enters Leo	8 Aug 1979
Orcus Enters Can	28 Jan 1980
Orcus Enters Leo	25 Jun 1980
Orcus Enters Vir	21 Nov 2007
Orcus Enters Leo	7 Dec 2007
Orcus Enters Vir	12 Sep 2008
Orcus Enters Leo	19 Feb 2009
Orcus Enters Vir	31 Jul 2009
Orcus Enters Leo	8 May 2010
Orcus Enters Vir	20 May 2010
Orcus Enters Lib	18 Oct 2037
Orcus Enters Vir	15 Mar 2038
Orcus Enters Lib	5 Sep 2038
Orcus Enters Vir	22 May 2039
Orcus Enters Lib	6 Jul 2039

Largest known trans-Neptunian objects (TNOs)



Eris



Pluto



Makemake



Haumea



Sedna



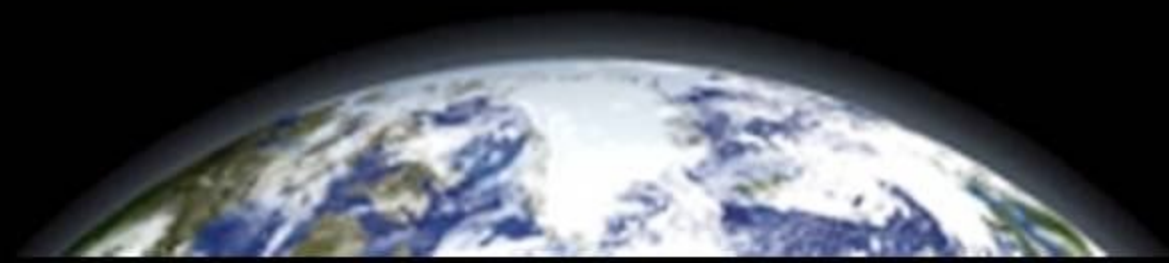
Orcus



Quaoar



Varuna



STATIONS of TNOs

An interesting way to study the long-orbit bodies like TNOs, SDOs or 'dwarf planets' is to note when they are stationary (Rx or D), and also when the Sun makes its annual conjunction. Because they move slowly, it is easy to memorize the dates, as they recur regularly. Note especially if these dates coincide with other planetary stations or particular aspects or configurations. Then observe - the inner process of yourself and others, especially dreams, visions and synchronous events. Also study what appears on the 'world stage'.

There is no 'rule' that you 'should' or 'should not' work with these new objects. You will either feel 'called' or not, by one or more of them. If you are, it will be interesting journey of discovery!

Do not allow your need to 'be right' or to 'prove it' interfere with the joy of your intuitive learning !

Here is a list of the 'big five' in the celestial wilderness: Eris, Sedna, Varuna, Orcus and Quaoar.

Stations and conjunctions with the Sun, 2003 – 2020

- Sedna is included, although an SDO.
- All data from Solar Fire DeLuxe v.6.0.32.
- See also RIYAL: www.expreso.co.cr/centaurs
- Compiled by Melanie Reinhart 08/2007, revised 10/2010.
- May be freely copied and shared.

Eris	D	7 Jan 2003	19°Ar17' D	Sun	Conj Orcus	18 Aug 2004	25°Le26' D
Sedna	D	30 Jan 2003	16°Ta55' D	Sedna	R	19 Aug 2004	19°Ta05' R
Quaoar	R	13 Mar 2003	12°Sg31' R	Quaoar	D	25 Aug 2004	11°Sg45' D
Varuna	D	25 Mar 2003	11°Cn17' D	Varuna	R	16 Oct 2004	15°Cn50' R
Sun	Conj Eris	10 Apr 2003	19°Ar56' D	Orcus	R	25 Nov 2004	26°Le57' R
Orcus	D	7 May 2003	22°Le53' D	Sun	Conj Quaoar	5 Dec 2004	13°Sg26' D
Sun	Conj Sedna	8 May 2003	17°Ta42' D	Eris	D	7 Jan 2005	19°Ar45' D
Sun	Conj Varuna	5 Jul 2003	12°Cn56' D	Sedna	D	31 Jan 2005	18°Ta02' D
Eris	R	17 Jul 2003	20°Ar37' R	Quaoar	R	15 Mar 2005	15°Sg06' R
Sun	Conj Orcus	17 Aug 2003	24°Le25' D	Varuna	D	27 Mar 2005	13°Cn45' D
Sedna	R	19 Aug 2003	18°Ta31' R	Sun	Conj Eris	10 Apr 2005	20°Ar24' D
Quaoar	D	24 Aug 2003	10°Sg28' D	Orcus	D	9 May 2005	24°Le55' D
Varuna	R	16 Oct 2003	14°Cn36' R	Sun	Conj Sedna	9 May 2005	18°Ta50' D
Orcus	R	25 Nov 2003	25°Le56' R	Sun	Conj Varuna	7 Jul 2005	15°Cn24' D
Sun	Conj Quaoar	4 Dec 2003	12°Sg09' D	Eris	R	17 Jul 2005	21°Ar05' R
Eris	D	7 Jan 2004	19°Ar31' D	Sun	Conj Orcus	19 Aug 2005	26°Le27' D
Sedna	D	31 Jan 2004	17°Ta29' D	Sedna	R	20 Aug 2005	19°Ta39' R
Quaoar	R	14 Mar 2004	13°Sg48' R	Quaoar	D	26 Aug 2005	13°Sg02' D
Varuna	D	25 Mar 2004	12°Cn31' D	Varuna	R	18 Oct 2005	17°Cn03' R
Sun	Conj Eris	9 Apr 2004	20°Ar10' D	Orcus	R	27 Nov 2005	27°Le58' R
Orcus	D	7 May 2004	23°Le54' D	Sun	Conj Quaoar	6 Dec 2005	14°Sg43' D
Sun	Conj Sedna	8 May 2004	18°Ta16' D	Eris	D	7 Jan 2006	19°Ar59' D
Sun	Conj Varuna	5 Jul 2004	14°Cn10' D	Sedna	D	31 Jan 2006	18°Ta36' D
Eris	R	17 Jul 2004	20°Ar51' R				

Quaoar R 17 Mar 2006 16°Sg23' R
 Varuna D 28 Mar 2006 14°Cn58' D
 Sun Conj Eris 10 Apr 2006 20°Ar38' D
 Sun Conj Sedna 10 May 2006 19°Ta24' D
 Orcus D 10 May 2006 25°Le56' D
 Sun Conj Varuna 8 Jul 2006 16°Cn37' D
 Eris R 17 Jul 2006 21°Ar19' R
 Sun Conj Orcus 20 Aug 2006 27°Le28' D
 Sedna R 21 Aug 2006 20°Ta13' R
 Quaoar D 28 Aug 2006 14°Sg20' D
 Varuna R 19 Oct 2006 18°Cn16' R
 Orcus R 28 Nov 2006 28°Le59' R
 Sun Conj Quaoar 8 Dec 2006 16°Sg01' D

Eris D 8 Jan 2007 20°Ar13' D
 Sedna D 1 Feb 2007 19°Ta10' D
 Quaoar R 18 Mar 2007 17°Sg41' R
 Varuna D 30 Mar 2007 16°Cn12' D
 Sun Conj Eris 11 Apr 2007 20°Ar52' D
 Sun Conj Sedna 11 May 2007 19°Ta58' D
 Orcus D 11 May 2007 26°Le57' D
 Sun Conj Varuna 10 Jul 2007 17°Cn50' D
 Eris R 18 Jul 2007 21°Ar33' R
 Sun Conj Orcus 21 Aug 2007 28°Le29' D
 Sedna R 22 Aug 2007 20°Ta48' R
 Quaoar D 29 Aug 2007 15°Sg38' D
 Varuna R 20 Oct 2007 19°Cn29' R
 Orcus R 29 Nov 2007 00°Vi00' R
 Sun Conj Quaoar 9 Dec 2007 17°Sg19' D

Eris D 8 Jan 2008 20°Ar27' D
 Sedna D 2 Feb 2008 19°Ta45' D
 Quaoar R 19 Mar 2008 18°Sg59' R
 Varuna D 30 Mar 2008 17°Cn25' D
 Sun Conj Eris 10 Apr 2008 21°Ar06' D
 Sun Conj Sedna 10 May 2008 20°Ta32' D
 Orcus D 11 May 2008 27°Le58' D
 Sun Conj Varuna 11 Jul 2008 19°Cn03' D
 Eris R 17 Jul 2008 21°Ar47' R
 Sedna R 22 Aug 2008 21°Ta22' R
 Sun Conj Orcus 22 Aug 2008 29°Le30' D
 Quaoar D 30 Aug 2008 16°Sg56' D
 Varuna R 21 Oct 2008 20°Cn42' R
 Orcus R 29 Nov 2008 01°Vi01' R
 Sun Conj Quaoar 10 Dec 2008 18°Sg37' D

Eris D 7 Jan 2009 20°Ar41' D
 Sedna D 2 Feb 2009 20°Ta19' D
 Quaoar R 20 Mar 2009 20°Sg17' R
 Varuna D 1 Apr 2009 18°Cn38' D
 Sun Conj Eris 11 Apr 2009 21°Ar20' D
 Sun Conj Sedna 11 May 2009 21°Ta07' D
 Orcus D 13 May 2009 28°Le58' D
 Sun Conj Varuna 12 Jul 2009 20°Cn16' D
 Eris R 18 Jul 2009 22°Ar01' R
 Sedna R 22 Aug 2009 21°Ta58' R
 Sun Conj Orcus 23 Aug 2009 00°Vi31' D
 Quaoar D 1 Sep 2009 18°Sg14' D
 Varuna R 22 Oct 2009 21°Cn55' R
 Orcus R 1 Dec 2009 02°Vi02' R

Sun Conj Quaoar 11 Dec 2009 19°Sg55' D
 Eris D 8 Jan 2010 20°Ar55' D
 Sedna D 2 Feb 2010 20°Ta54' D
 Quaoar R 22 Mar 2010 21°Sg35' R
 Varuna D 2 Apr 2010 19°Cn50' D
 Sun Conj Eris 11 Apr 2010 21°Ar34' D
 Sun Conj Sedna 12 May 2010 21°Ta42' D
 Orcus D 14 May 2010 29°Le59' D
 Sun Conj Varuna 14 Jul 2010 21°Cn29' D
 Eris R 18 Jul 2010 22°Ar15' R
 Sedna R 23 Aug 2010 22°Ta33' R
 Sun Conj Orcus 24 Aug 2010 01°Vi32' D
 Quaoar D 2 Sep 2010 19°Sg32' D
 Varuna R 24 Oct 2010 23°Cn07' R
 Orcus R 2 Dec 2010 03°Vi02' R
 Sun Conj Quaoar 13 Dec 2010 21°Sg13' D

Eris D 9 Jan 2011 21°Ar09' D
 Sedna D 3 Feb 2011 21°Ta29' D
 Quaoar R 23 Mar 2011 22°Sg54' R
 Varuna D 4 Apr 2011 21°Cn03' D
 Sun Conj Eris 12 Apr 2011 21°Ar48' D
 Sun Conj Sedna 13 May 2011 22°Ta18' D
 Orcus D 15 May 2011 01°Vi00' D
 Sun Conj Varuna 15 Jul 2011 22°Cn42' D
 Eris R 19 Jul 2011 22°Ar29' R
 Sedna R 24 Aug 2011 3°Ta08' R
 Sun Conj Orcus 26 Aug 2011 02°Vi32' D
 Quaoar D 4 Sep 2011 20°Sg50' D
 Varuna R 25 Oct 2011 24°Cn20' R
 Orcus R 3 Dec 2011 04°Vi03' R
 Sun Conj Quaoar 14 Dec 2011 22°Sg31' D

Eris D 9 Jan 2012 21°Ar23' D
 Sedna D 4 Feb 2012 22°Ta04' D
 Quaoar R 24 Mar 2012 24°Sg12' R
 Varuna D 4 Apr 2012 22°Cn16' D
 Sun Conj Eris 11 Apr 2012 22°Ar02' D
 Sun Conj Sedna 13 May 2012 22°Ta53' D
 Orcus D 16 May 2012 02°Vi01' D
 Sun Conj Varuna 16 Jul 2012 23°Cn54' D
 Eris R 18 Jul 2012 22°Ar43' R
 Sedna R 24 Aug 2012 23°Ta44' R
 Sun Conj Orcus 26 Aug 2012 03°Vi33' D
 Quaoar D 4 Sep 2012 22°Sg08' D
 Varuna R 26 Oct 2012 25°Cn33' R
 Orcus R 3 Dec 2012 05°Vi04' R
 Sun Conj Quaoar 15 Dec 2012 23°Sg49' D

Eris D 8 Jan 2013 21°Ar37' D
 Sedna D 4 Feb 2013 22°Ta40' D
 Quaoar R 26 Mar 2013 25°Sg30' R
 Varuna D 6 Apr 2013 23°Cn29' D
 Sun Conj Eris 12 Apr 2013 22°Ar16' D
 Sun Conj Sedna 14 May 2013 23°Ta29' D
 Orcus D 17 May 2013 03°Vi01' D
 Sun Conj Varuna 17 Jul 2013 25°Cn07' D
 Eris R 19 Jul 2013 22°Ar57' R

Sedna	R		25 Aug 2013	24°Ta20' R
Sun	Conj	Orcus	27 Aug 2013	04°Vi34' D
Quaoar	D		6 Sep 2013	23°Sg26' D
Varuna	R		27 Oct 2013	26°Cn45' R
Orcus	R		5 Dec 2013	06°Vi05' R
Sun	Conj	Quaoar	16 Dec 2013	25°Sg07' D
Eris	D		9 Jan 2014	21°Ar50' D
Sedna	D		5 Feb 2014	23°Ta16' D
Quaoar	R		27 Mar 2014	26°Sg48' R
Varuna	D		7 Apr 2014	24°Cn41' D
Sun	Conj	Eris	12 Apr 2014	22°Ar29' D
Sun	Conj	Sedna	15 May 2014	24°Ta05' D
Orcus	D		18 May 2014	04°Vi02' D
Sun	Conj	Varuna	19 Jul 2014	26°Cn20' D
Eris	R		19 Jul 2014	23°Ar11' R
Sedna	R		26 Aug 2014	24°Ta56' R
Sun	Conj	Orcus	29 Aug 2014	05°Vi35' D
Quaoar	D		7 Sep 2014	24°Sg44' D
Varuna	R		29 Oct 2014	27°Cn58' R
Orcus	R		6 Dec 2014	07°Vi06' R
Sun	Conj	Quaoar	18 Dec 2014	26°Sg26' D
Eris	D		10 Jan 2015	22°Ar04' D
Sedna	D		6 Feb 2015	23°Ta52' D
Quaoar	R		29 Mar 2015	28°Sg07' R
Varuna	D		8 Apr 2015	25°Cn54' D
Sun	Conj	Eris	13 Apr 2015	22°Ar43' D
Sun	Conj	Sedna	15 May 2015	24°Ta41' D
Orcus	D		19 May 2015	05°Vi03' D
Eris	R		20 Jul 2015	23°Ar24' R
Sun	Conj	Varuna	20 Jul 2015	27°Cn32' D
Sedna	R		27 Aug 2015	25°Ta33' R
Sun	Conj	Orcus	30 Aug 2015	06°Vi36' D
Quaoar	D		9 Sep 2015	26°Sg03' D
Varuna	R		30 Oct 2015	29°Cn10' R
Orcus	R		7 Dec 2015	08°Vi07' R
Sun	Conj	Quaoar	20 Dec 2015	27°Sg44' D
Eris	D		10 Jan 2016	22°Ar18' D
Sedna	D		6 Feb 2016	24°Ta28' D
Quaoar	R		29 Mar 2016	29°Sg26' R
Varuna	D		9 Apr 2016	27°Cn06' D
Sun	Conj	Eris	12 Apr 2016	22°Ar57' D
Sun	Conj	Sedna	15 May 2016	25°Ta17' D
Orcus	D		20 May 2016	06°Vi04' D
Eris	R		19 Jul 2016	23°Ar38' R
Sun	Conj	Varuna	21 Jul 2016	28°Cn45' D
Sedna	R		27 Aug 2016	26°Ta09' R
Sun	Conj	Orcus	30 Aug 2016	07°Vi37' D
Quaoar	D		10 Sep 2016	27°Sg22' D
Varuna	R		31 Oct 2016	00°Le23' R
Orcus	R		7 Dec 2016	09°Vi08' R
Sun	Conj	Quaoar	20 Dec 2016	29°Sg03' D
Eris	D		9 Jan 2017	22°Ar32' D
Sedna	D		6 Feb 2017	25°Ta04' D
Quaoar	R		31 Mar 2017	00°Cp45' R
Varuna	D		10 Apr 2017	28°Cn19' D
Sun	Conj	Eris	12 Apr 2017	23°Ar11' D
Sun	Conj	Sedna	16 May 2017	25°Ta54' D
Orcus	D		21 May 2017	07°Vi06' D
Eris	R		20 Jul 2017	23°Ar52' R
Sun	Conj	Varuna	22 Jul 2017	29°Cn57' D

Sedna	R		27 Aug 2017	6°Ta46' R
Sun	Conj	Orcus	31 Aug 2017	08°Vi38' D
Quaoar	D		11 Sep 2017	28°Sg41' D
Varuna	R		1 Nov 2017	01°Le35' R
Orcus	R		9 Dec 2017	10°Vi10' R
Sun	Conj	Quaoar	22 Dec 2017	00°Cp22' D
Eris	D		10 Jan 2018	22°Ar45' D
Sedna	D		7 Feb 2018	25°Ta41' D
Quaoar	R		2 Apr 2018	02°Cp04' R
Varuna	D		12 Apr 2018	29°Cn31' D
Sun	Conj	Eris	13 Apr 2018	23°Ar24' D
Sun	Conj	Sedna	17 May 2018	26°Ta31' D
Orcus	D		22 May 2018	08°Vi07' D
Eris	R		20 Jul 2018	24°Ar05' R
Sun	Conj	Varuna	24 Jul 2018	01°Le09' D
Sedna	R		28 Aug 2018	7°Ta23' R
Sun	Conj	Orcus	2 Sep 2018	09°Vi40' D
Quaoar	D		13 Sep 2018	00°Cp00' D
Varuna	R		2 Nov 2018	02°Le47' R
Orcus	R		10 Dec 2018	11°Vi11' R
Sun	Conj	Quaoar	23 Dec 2018	01°Cp42' D
Eris	D		10 Jan 2019	22°Ar59' D
Sedna	D		8 Feb 2019	26°Ta18' D
Quaoar	R		3 Apr 2019	03°Cp23' R
Varuna	D		13 Apr 2019	00°Le43' D
Sun	Conj	Eris	13 Apr 2019	23°Ar38' D
Sun	Conj	Sedna	18 May 2019	27°Ta08' D
Orcus	D		24 May 2019	09°Vi08' D
Eris	R		21 Jul 2019	24°Ar19' R
Sun	Conj	Varuna	25 Jul 2019	02°Le21' D
Sedna	R		29 Aug 2019	28°Ta00' R
Sun	Conj	Orcus	3 Sep 2019	10°Vi41' D
Quaoar	D		14 Sep 2019	01°Cp19' D
Varuna	R		4 Nov 2019	03°Le59' R
Orcus	R		11 Dec 2019	12°Vi12' R
Sun	Conj	Quaoar	25 Dec 2019	03°Cp01' D
Eris	D		11 Jan 2020	23°Ar13' D
Sedna	D		9 Feb 2020	26°Ta55' D
Quaoar	R		4 Apr 2020	04°Cp43' R
Sun	Conj	Eris	13 Apr 2020	23°Ar52' D
Varuna	D		14 Apr 2020	01°Le55' D
Sun	Conj	Sedna	18 May 2020	27°Ta45' D
Orcus	D		24 May 2020	10°Vi09' D
Eris	R		20 Jul 2020	24°Ar33' R
Sun	Conj	Varuna	26 Jul 2020	03°Le33' D
Sedna	R		29 Aug 2020	28°Ta38' R
Sun	Conj	Orcus	3 Sep 2020	11°Vi42' D
Quaoar	D		15 Sep 2020	02°Cp39' D
Varuna	R		4 Nov 2020	05°Le11' R
Orcus	R		12 Dec 2020	13°Vi13' R
Sun	Conj	Quaoar	25 Dec 2020	04°Cp21' D

'Spyhopping' what are they doing?

