

ordered by object id

Object ID	Object Name	Period (hours)	Magnitude Variation
(1)	Ceres	9.075	0.04
(2)	Pallas	7.8132	0.03-0.16
(3)	Juno	7.21	0.14-0.22
(4)	Vesta	5.342	0.12
(5)	Astraea	16.8	0.10-0.30
(6)	Hebe	7.2745	0.05-0.20
(7)	Iris	7.139	0.04-0.29
(8)	Flora	12.799	0.02-0.10
(9)	Metis	5.079	0.04-0.36
(10)	Hygiea	27.623	0.11-0.33
(11)	Parthenope	9.43	0.05-0.12
(12)	Victoria	8.6599	0.08-0.33
(13)	Egeria	7.045	0.12
(14)	Irene	15.06	0.04-0.12
(15)	Eunomia	6.083	0.4-0.56
(16)	Psyche	4.196	0.03-0.42
(17)	Thetis	12.266	0.13-0.36
(18)	Melpomene	11.5714	0.22-0.35
(19)	Fortuna	7.4432	0.19-0.35
(20)	Massalia	8.098	0.17-0.27
(21)	Lutetia	8.1655	0.08-0.25
(22)	Kalliope	4.148	0.04-0.30
(23)	Thalia	12.3122	0.10-0.18
(24)	Themis	8.374	0.09-0.14
(25)	Phocaea	9.945	0.18
(26)	Proserpina	10.6	0.15
(27)	Euterpe	10.41	0.15-0.21
(28)	Bellona	15.695	0.03-0.28
(29)	Amphitrite	5.39	0.01-0.15
(30)	Urania	13.686	0.11-0.45
(31)	Euphrosyne	5.531	0.09-0.13
(32)	Pomona	9.448	0.13-0.30
(33)	Polyhymnia	18.601	0.14
(34)	Circe	12.15	0.24
(35)	Leukothea	32	0.43
(36)	Atalante	9.93	0.15-0.17
(37)	Fides	7.3335	0.10-0.25
(38)	Leda	12.84	0.16
(39)	Laetitia	5.138	0.08-0.53
(40)	Harmonia	8.91	0.15-0.36
(41)	Daphne	5.988	0.16-0.38
(42)	Isis	13.597	0.29-0.32
(43)	Ariadne	5.762	0.13-0.66
(44)	Nysa	6.422	0.22-0.55
(45)	Eugenia	5.699	0.08-0.41
(46)	Hestia	21.04	0.11
(47)	Aglaja	13.2	0.03-0.17
(48)	Doris	11.89	0.35
(49)	Pales	10.42	0.15-0.20
(50)	Virginia	14.31	0.15
(51)	Nemausa	7.783	0.10-0.14
(52)	Europa	5.633	0.09-0.20

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(53)	Kalypso	17	>0.1
(54)	Alexandra	7.024	0.10-0.31
(55)	Pandora	4.804	0.07-0.33
(56)	Melete	18.14	0.06-0.10
(57)	Mnemosyne	12.463	0.12
(58)	Concordia	9.895	0.1
(59)	Elpis	13.69	0.1
(60)	Echo	25.206	0.10-0.19
(61)	Danae	11.45	0.3
(62)	Erato	9.2213	0.12-0.15
(63)	Ausonia	9.2976	0.15-0.95
(64)	Angelina	8.752	0.04-0.44
(65)	Cybele	4.041	0.04-0.12
(66)	Maja	9.733	0.45
(67)	Asia	15.89	0.15-0.23
(68)	Leto	14.848	0.15-0.19
(69)	Hesperia	5.6552	0.12-0.20
(70)	Panopaea	15.797	0.12
(71)	Niobe	35.5	0.22
(72)	Feronia	8.097	0.11
(73)	Klytia	8.297	0.82
(74)	Galatea	8.629	0.09
(75)	Eurydike	5.357	0.12
(76)	Freia	9.972	0.10-0.33
(77)	Frigga	9.012	0.07-0.19
(78)	Diana	7.225	0.02-0.14
(79)	Eurynome	5.978	0.05-0.24
(80)	Sappho	14.03	0.1-0.4
(81)	Terpsichore	11.02	0.1
(82)	Alkmene	12.999	0.40-0.54
(83)	Beatrice	10.16	0.18-0.27
(84)	Klio	5.8	0.04
(85)	Io	6.8751	0.15
(86)	Semele	16.634	0.18
(87)	Sylvia	5.184	0.30-0.62
(88)	Thisbe	6.0413	0.08-0.21
(89)	Julia	11.387	0.10-0.25
(90)	Antiope	16.509	0.08-0.73
(91)	Aegina	6.025	0.15
(92)	Undina	15.94	0.17
(93)	Minerva	5.982	0.04-0.10
(94)	Aurora	7.22	0.12
(95)	Arethusa	8.688	0.24
(96)	Aegle	13.82	0.12
(97)	Klotho	35.15	0.07-0.25
(98)	Ianthe	16.5	0.32
(99)	Dike	10.35	0.1-0.25
(100)	Hekate	13.333	0.11
(101)	Helena	23.08	0.13
(102)	Miriam	15.789	0.08-0.16
(103)	Hera	23.74	0.42
(104)	Klymene	8.984	0.3
(105)	Artemis	16.84	0.15

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(106)	Dione	16.26	0.08
(107)	Camilla	4.8439	0.32-0.52
(108)	Hecuba	28.9	0.05-0.2
(109)	Felicitas	13.191	0.06
(110)	Lydia	10.927	0.10-0.20
(111)	Ate	22.2	0.1
(112)	Iphigenia	15.783	0.5
(113)	Amalthea	9.935	0.19-0.26
(114)	Kassandra	10.758	0.25
(115)	Thyra	7.241	0.14-0.20
(116)	Sirona	12.028	0.42
(117)	Lomia	9.127	0.29
(118)	Peitho	7.78	0.08-0.33
(119)	Althaea	11.484	0.36
(120)	Lachesis	45.84	0.22
(121)	Hermione	5.551	0.07-0.45
(122)	Gerda	10.685	0.26
(123)	Brunhild	10.04	0.16
(124)	Alkestes	9.921	0.15
(125)	Liberatrix	3.968	0.20-0.71
(126)	Velleda	5.364	0.07-0.22
(127)	Johanna	11	0.18
(128)	Nemesis	39	0.1
(129)	Antigone	4.9572	0.21-0.49
(130)	Elektra	5.225	0.19-0.58
(132)	Aethra	5.168	0.10-0.52
(133)	Cyrene	12.708	0.26
(134)	Sophrosyne	17.196	0.19
(135)	Hertha	8.4006	0.12-0.30
(136)	Austria	11.5	>0.40
(137)	Meliboea	15.13	0.11-0.20
(138)	Tolosa	10.101	0.4
(139)	Juewa	20.991	0.18-0.20
(140)	Siwa	18.495	0.06
(141)	Lumen	19.86	0.09-0.2
(142)	Polana	9.764	0.11
(143)	Adria	11	
(144)	Vibilia	13.819	0.13
(145)	Adeona	8.1	0.08
(146)	Lucina	18.557	0.08
(147)	Protogeneia	7.853	0.25
(148)	Gallia	20.664	0.32
(149)	Medusa	26	>0.33
(150)	Nuwa	8.14	0.09
(151)	Abundantia	9.864	0.03-0.19
(152)	Atala	6.246	0.38-0.50
(153)	Hilda	5.11	0.05
(154)	Bertha	>12.	0.2
(155)	Scylla	7.958	0.12
(156)	Xanthippe	22.37	0.12
(157)	Dejanira	15.819	0.52
(158)	Koronis	14.206	0.28-0.43
(159)	Aemilia	25	>0.2

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(160)	Una	5.61	0.14
(161)	Athor	7.288	0.1-0.27
(162)	Laurentia	11.87	0.28
(163)	Erigone	16.136	0.37
(164)	Eva	13.66	0.07-0.36
(165)	Loreley	7.226	0.04-0.15
(166)	Rhodope	4.715	0.13-0.35
(167)	Urda	13.07	0.36-0.39
(168)	Sibylla	23.82	>0.30
(169)	Zelia	13.27	0.13-0.2
(170)	Maria	13.14	0.24
(171)	Ophelia	13.4	0.16
(172)	Baucis	27.417	0.25
(173)	Ino	6.163	0.04-0.11
(174)	Phaedra	5.744	0.38
(175)	Andromache	7.668	0.21-0.34
(176)	Iduna	11.289	0.35
(177)	Irma	14.208	0.37
(178)	Belisana	12.321	0.18
(179)	Klytaemnestra	11.173	0.35
(181)	Eucharis	>24.	0.15
(182)	Elsa	80	0.7
(183)	Istria	11.77	0.31
(184)	Dejopeja	6.455	0.25-0.3
(185)	Eunike	10.83	>0.12
(186)	Celuta	19.6	0.4
(187)	Lamberta	10.663	0.32
(188)	Menippe	11.974	>0.13
(189)	Phthia	>15.	>0.2
(190)	Ismene	6.52	0.12-0.15
(191)	Kolga	27.8	0.5
(192)	Nausikaa	13.622	0.20-0.40
(193)	Ambrosia	6.581	0.53
(194)	Prokne	15.67	0.27
(195)	Eurykleia	16.521	0.08-0.25
(196)	Philomela	8.343	0.07-0.37
(197)	Arete	6.54	0.1
(198)	Ampella	10.383	0.22
(199)	Byblis	5.22	0.15
(200)	Dynamene	19	0.1
(201)	Penelope	3.7474	0.15-0.73
(202)	Chryseis	15.74	0.08
(203)	Pompeja	46.6	>0.10
(204)	Kallisto	14.1	0.25
(205)	Martha	9.637	0.25
(206)	Hersilia	11.11	0.13
(208)	Lacrimosa	14.085	0.31-0.35
(209)	Dido	5.7366	0.17-0.25
(211)	Isolda	18.365	0.09
(212)	Medea	10.283	0.08
(213)	Lilaea	8.045	0.07
(214)	Aschera	6.835	0.22
(215)	Oenone	>20.	>0.1

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(216)	Kleopatra	5.385	0.13-1.18
(217)	Eudora	12.54	0.16
(218)	Bianca	6.337	0.11-0.24
(219)	Thusnelda	29.842	0.2
(220)	Stephania	18.198	0.21-0.45
(221)	Eos	10.436	0.04-0.11
(222)	Lucia	7	0.33
(224)	Oceana	9.385	0.1
(225)	Henrietta	7.356	0.16-0.29
(226)	Weringia		>0.1
(228)	Agathe	6.484	0.27
(229)	Adelinda	6.6	0.04-0.30
(230)	Athamantis	23.9845	0.1-0.26
(231)	Vindobona	14.244	0.18
(233)	Asterope	19.7	0.35
(234)	Barbara	26.5	>0.24
(235)	Carolina	17.56	>0.25
(236)	Honorio	12.333	0.18
(238)	Hypatia	8.86	0.12-0.15
(239)	Adrastea	18.347	0.51
(240)	Vanadis	10.64	0.3
(241)	Germania	15.51	0.17
(242)	Kriemhild	4.543	0.08
(243)	Ida	4.634	0.45-0.86
(245)	Vera	14.38	0.26
(246)	Asporina	16.222	0.22-0.40
(247)	Eukrate	12.1	0.1
(248)	Lameia	12	0.1
(249)	Ilse	85.24	0.33
(250)	Bettina	5.0544	0.11-0.60
(253)	Mathilde	417.7	0.45
(254)	Augusta	6	0.56
(255)	Oppavia		
(257)	Silesia	15.7059	0.31
(258)	Tyche	10.041	0.4
(259)	Aletheia	15	0.14-0.19
(260)	Huberta	8.29	0.22-0.27
(261)	Prymno	8.002	0.17
(263)	Dresda	16.809	0.37-0.40
(264)	Libussa	9.238	0.03-0.22
(265)	Anna	11.681	0.48
(266)	Aline	12.3	>0.05
(267)	Tirza	7.468	0.18-0.4
(268)	Adorea	7.8	0.15-0.20
(269)	Justitia	16.545	0.25
(270)	Anahita	15.06	0.32
(273)	Atropos	20	0.65
(274)	Philagoria	17.96	0.43
(275)	Sapientia	>20.	>0.05
(276)	Adelheid	6.32	0.07-0.18
(277)	Elvira	29.69	0.34-0.59
(278)	Paulina	6.497	0.41
(279)	Thule	7.44	0.06

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(280)	Philia	64	0.19
(281)	Lucretia	4.348	0.38
(282)	Clorinde	6.42	0.09
(283)	Emma	6.888	0.31
(284)	Amalia	8.545	0.15
(286)	Iclea	15.365	0.13
(287)	Nephtys	7.603	0.2
(288)	Glauke	1200	0.9
(289)	Nenetta	6.902	0.18
(291)	Alice	4.32	0.14-0.25
(292)	Ludovica	8.93	0.45
(295)	Theresia	10.7	0.15
(297)	Caecilia	4.163	0.2
(298)	Baptistina	7	0.12
(300)	Geraldina	6.818	0.32
(301)	Bavaria	12.24	0.24
(302)	Clarissa	14.381	0.6
(303)	Josephina	12.502	0.12
(304)	Olga	18.36	0.2
(305)	Gordonia	16.2	0.16
(306)	Unitas	8.74	0.23-0.34
(307)	Nike	7.902	0.16
(308)	Polyxo	12.032	0.2
(309)	Fraternitas	13.2	0.1
(311)	Claudia	7.532	0.16-0.89
(312)	Pierretta	10.282	0.32
(313)	Chaldaeae	8.392	0.12-0.22
(314)	Rosalia		
(316)	Goberta	8.605	0.2
(317)	Roxane	8.169	0.61
(321)	Florentina	2.871	0.33-0.42
(322)	Phaeo	17.5845	0.15
(323)	Brucia	9.46	0.23-0.36
(324)	Bambergae	29.43	0.07
(325)	Heidelbergae	6.737	0.2
(326)	Tamara	14.184	0.11
(327)	Columbia	6.55	0.2
(328)	Gudrun	>12.	0.15
(329)	Svea	15.201	0.09-0.26
(331)	Etheridgeae	6.82	0.05
(332)	Siri	6.003	0.1
(333)	Badenia	9.96	0.3
(334)	Chicago	7.35	0.15-0.67
(335)	Roberta	12.035	0.05-0.09
(336)	Lacadiera	13.7	0.27-0.34
(337)	Devosa	4.6537	0.08-0.75
(338)	Budrosa	4.6	0.06-0.47
(339)	Dorothea	5.5	0.1
(340)	Eduarda	7.7	0.17
(341)	California		
(342)	Endymion	7.05	0.15
(343)	Ostara	6.42	0.23
(344)	Desiderata	10.77	0.17

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(345)	Tercidina	12.371	0.15
(346)	Hermentaria	28.43	0.07-0.20
(347)	Pariana	4.0529	0.09-0.42
(348)	May	7.385	0.14
(349)	Dembowska	4.7012	0.08-0.47
(350)	Ornamenta	9.17	0.2
(351)	Yrsa	13.29	0.4
(352)	Gisela	7.49	0.13-0.58
(353)	Ruperto-Carola	2.73898	0.32
(354)	Eleonora	4.277	0.12-0.30
(355)	Gabriella	4.83	0.35-0.41
(356)	Liguria	31.82	0.22
(357)	Ninina	34.97	0.12
(358)	Apollonia	long	>0.04
(359)	Georgia	5.533	0.22-0.54
(360)	Carlova	6.188	0.30-0.49
(361)	Bononia	13.83	0.25
(362)	Havnia	18	0.1
(363)	Padua	8.401	0.16
(364)	Isara	9.155	0.4
(365)	Corduba	6.354	0.2
(366)	Vincentina	15.5	0.08
(367)	Amicitia	5.05	0.28
(368)	Haidea	8.642	0.15
(369)	Aeria	4.787	0.08
(370)	Modestia	24	>0.35
(371)	Bohemia	10.739	0.15
(372)	Palma	8.591	0.10-0.16
(373)	Melusina	12.97	0.2
(374)	Burgundia	6.972	0.18
(375)	Ursula	16.83	0.05-0.17
(376)	Geometria	7.734	0.14-0.18
(377)	Campania	8.507	0.16
(378)	Holmia	4.45	0.13
(379)	Huenna	7.022	0.09
(380)	Fiducia	13.69	0.2
(381)	Myrrha	6.572	0.35
(382)	Dodona	4.116	0.39-0.42
(383)	Janina	6.4	0.17
(384)	Burdigala	>17.	>0.03
(385)	Ilmatar	62.35	0.5
(386)	Siegena	9.763	0.11
(387)	Aquitania	24.144	0.25
(388)	Charybdis	9.516	0.18
(389)	Industria	8.53	0.18-0.34
(390)	Alma	3.74	0.42
(391)	Ingeborg	26.391	0.22-0.79
(392)	Wilhelmina	8.54	0.11
(393)	Lampetia	38.7	0.14
(394)	Arduina	16.5	0.4-0.54
(395)	Delia	19.706	0.2
(396)	Aeolia	>12.	>0.3
(397)	Vienna	15.48	0.2

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(399)	Persephone	9.136	0.4
(400)	Ducrosa	6.87	0.62
(401)	Otilia	6.049	0.11-0.24
(402)	Chloe	7.111	0.2
(403)	Cyane	12.288	0.22
(404)	Arsinoe	8.887	0.27-0.36
(405)	Thia	10.08	0.15
(406)	Erna	8.789	0.34
(407)	Arachne	44	0.45
(408)	Fama	long?	>0.05
(409)	Aspasia	9.02	0.10-0.14
(410)	Chloris	32.5	0.28
(411)	Xanthe	7.48	>0.23
(412)	Elisabetha	19.67	0.2
(413)	Edburga	15	0.46
(415)	Palatia	20.73	0.33
(416)	Vaticana	5.372	0.17-0.38
(417)	Suevia	7.034	0.2
(418)	Alemannia	4.671	0.14-0.27
(419)	Aurelia	16.709	0.08
(420)	Bertholda	11.017	0.24-0.28
(421)	Zahringia	15.5	0.12
(422)	Berolina	12.79	0.11
(423)	Diotima	4.775	0.06-0.20
(424)	Gratia	19.47	0.32
(425)	Cornelia	17.56	0.16
(426)	Hippo	34.3	0.22
(428)	Monachia	3.634	0.31
(429)	Lotis	13.577	0.24
(430)	Hybris	7.205	0.54
(431)	Nephele	9.102	0.02-0.13
(432)	Pythia	8.252	0.14
(433)	Eros	5.27	0.04-1.49
(434)	Hungaria	26.51	0.7
(435)	Ella	4.623	0.38
(436)	Patricia	16.133	0.22
(437)	Rhodia	56	0.38
(438)	Zeuxo	8.831	0.13
(439)	Ohio	19.2	0.24
(440)	Theodora	4.828	0.43
(441)	Bathilde	10.447	0.13
(442)	Eichsfeldia	11.871	0.38
(443)	Photographica	16.?	0.3
(444)	Gyptis	6.214	0.15
(445)	Edna	19.97	0.21
(446)	Aeternitas	15.85	>0.33
(447)	Valentine	9.651	0.18
(449)	Hamburga		<0.01
(450)	Brigitta	>10.	>0.2
(451)	Patientia	9.727	0.05-0.10
(453)	Tea	6.4	0.37
(454)	Mathesis	7.075	0.28
(455)	Bruchsalia	11.838	0.12

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(456)	Abnoba	18.203	0.24
(458)	Hercynia	22.3	0.33
(459)	Signe	6.38	0.25
(462)	Eriphyla	8.64	0.14-0.25
(463)	Lola	6.206	0.2
(464)	Megaira	12.91	0.08
(466)	Tisiphone	8.824	0.11
(468)	Lina	8.3	0.1
(469)	Argentina	12.3	0.12
(470)	Kilia		<0.2
(471)	Papagena	7.113	0.11-0.13
(472)	Roma	9.8007	0.4
(476)	Hedwig	27.33	0.13
(477)	Italia		
(478)	Tergeste	16.105	0.22
(479)	Caprera	9.4277	0.12-0.29
(480)	Hansa	16.19	0.58
(481)	Emita	14.35	0.3
(482)	Petrina	18	0.1
(483)	Seppina	12.727	0.28
(484)	Pittsburghia	10.63	0.33
(485)	Genua	17.59	0.12
(486)	Cremona	65.9	1
(487)	Venetia	13.28	0.05-0.30
(488)	Kreusa	19.26	0.08-0.2
(489)	Comacina	9.02	0.33
(490)	Veritas	7.93	0.33
(491)	Carina	14.87	0.12
(492)	Gismonda	6.488	0.1
(494)	Virtus	5.57	0.12
(495)	Eulalia	29.2	0.04-0.30
(497)	Iva	4.62	0.38-0.50
(498)	Tokio	>20.	>0.36
(499)	Venusia	13.48	0.33
(500)	Selinur	9	>0.10
(501)	Urhixidur	15	0.1
(502)	Sigune	10.5	0.35
(503)	Evelyn	38.7	0.5
(504)	Cora	24.06	>0.40
(505)	Cava	8.1789	0.15-0.23
(506)	Marion	10.599	0.23-0.35
(507)	Laodica	4.705	0.22
(508)	Princetonia	52.8	0.4
(509)	Iolanda	12.306	0.39
(510)	Mabella	19.4	0.25
(511)	Davida	5.1294	0.06-0.25
(512)	Taurinensis	5.585	0.14-0.35
(513)	Centesima	5.23	0.45
(514)	Armida	21.874	0.16-0.4
(516)	Amherstia	7.49	0.15-0.48
(517)	Edith	9.274	0.12-0.18
(519)	Sylvania	17.962	0.4
(520)	Franziska	14	0.51

ordered by object id

(521)	Brixia	>24.	>0.09
(522)	Helga	8.126	0.27
(523)	Ada	10.03	0.60-0.70
(524)	Fidelio	14.195	0.22
(526)	Jena	9.474	0.27
(528)	Rezia	7.337	0.36-0.38
(529)	Preziosa	27	0.56
(530)	Turandot	19.947	0.10-0.16
(531)	Zerlina	>12.	0.12
(532)	Herculina	9.405	0.08-0.18
(534)	Nassovia	9.47	0.15-0.37
(535)	Montague	10.2482	0.25
(536)	Merapi	8.78	0.38
(537)	Pauly	16.25	0.17
(538)	Friederike	27	0.12
(539)	Pamina	13.903	0.1
(540)	Rosamunde	9.336	0.53
(542)	Susanna	10.0747	0.12
(543)	Charlotte	10.718	0.23
(544)	Jetta	7.745	0.44-0.52
(545)	Messalina	7.2	0.22
(546)	Herodias	10.4	0.07
(547)	Praxedis	9.105	0.04
(548)	Kressida	11.991	0.27
(549)	Jessonda	5.938	0.1
(550)	Senta	20.555	0.3
(551)	Ortrud	13.05	0.16
(553)	Kundry	12.605	0.52
(554)	Peraga	13.63	0.22
(556)	Phyllis	4.293	0.27
(558)	Carmen	11.387	0.2-0.31
(559)	Nanon	10.061	0.88
(560)	Delila		>0.1
(562)	Salome	10.4	0.14
(563)	Suleika	5.69	0.13-0.21
(564)	Dudu	8.882	0.43-0.55
(565)	Marbachia	4.587	0.22-0.26
(566)	Stereoskopia	17	0.08
(568)	Cheruskia	14.654	0.44
(569)	Misa	13.154	0.24
(570)	Kythera	8.12	0.15-0.18
(572)	Rebekka	5.65	0.3
(573)	Recha	7.165	0.22
(575)	Renate	3.678	0.2
(576)	Emanuela	8.192	0.06
(577)	Rhea	11.5	0.31
(578)	Happelia	10	0.2
(579)	Sidonia	16.5	0.02-0.28
(580)	Selene	9.473	0.27
(581)	Tauntonia	16.54	0.06
(582)	Olympia	36	>0.6
(583)	Klotilde	9.21	0.18
(584)	Semiramis	5.0689	0.18-0.44

ordered by object id

(585)	Bilkis	6.442	0.38
(586)	Thekla	10.63	0.24
(587)	Hypsipyle	2.888	0.39
(588)	Achilles	>12.	>0.12
(590)	Tomyris	5.562	0.21
(591)	Irmgard	7.35	0.26
(592)	Bathseba	6.571	0.32
(593)	Titania	9.899	0.26
(594)	Mireille	4.966	0.18
(595)	Polyxena	11.806	0.42
(596)	Scheila	15.848	0.09
(597)	Bandusia	11.496	0.11
(599)	Luisa	9.566	0.18
(600)	Musa	5.886	0.28
(602)	Marianna	30	0.3
(604)	Tekmessa	5.5596	0.52
(605)	Juvisia	15.855	0.26
(606)	Brangane	>24.	>0.18
(607)	Jenny	7.344	0.22
(611)	Valeria	10.8	0.09
(613)	Ginevra	16.45	0.63
(614)	Pia	4.572	0.21-0.42
(616)	Elly	5.301	0.34
(617)	Patroclus	>40.	>0.1
(619)	Triberga	29.412	0.4
(620)	Drakonia	5.485	0.52
(621)	Werdandi	9.396	>0.4
(622)	Esther	47.5	0.57
(624)	Hektor	6.921	0.1-1.1
(625)	Xenia	21.101	0.5
(626)	Notburga	19.39	0.21
(628)	Christine	16.135	0.18-0.4
(630)	Euphemia	79.18	0.2
(631)	Philippina	5.923	0.06-0.58
(632)	Pyrrha	4.6	0.4
(633)	Zelima	10	>0.26
(634)	Ute	11.803	0.13
(636)	Erika	14.603	0.29
(638)	Moira	9.875	0.31
(639)	Latona	6.22	0.35
(640)	Brambilla	7.768	0.25
(641)	Agnes	8.9	0.18
(642)	Clara	8.231	0.26
(643)	Scheherezade	14.171	0.36
(644)	Cosima	15.13	0.16
(645)	Agrippina	32.6	0.18
(651)	Antikleia	20.287	0.4
(653)	Berenike	14.14	0.08
(654)	Zelinda	31.9	0.3
(655)	Briseis	>11.	>0.12
(656)	Beagle	7.035	0.9-1.2
(657)	Gunlod	15.7	0.2
(658)	Asteria	28	0.32

ordered by object id

(659)	Nestor	15.1	0.31-0.34
(660)	Crescentia	7.92	0.33
(661)	Cloelia	5.536	0.28
(663)	Gerlinde	10.24	0.28
(664)	Judith	10.76	0.4
(665)	Sabine	4.29	0.34
(666)	Desdemona	15.45	0.11
(667)	Denise	12.687	0.24
(670)	Ottegebe	10.045	0.35
(673)	Edda	14.92	0.12
(674)	Rachele	30.96	0.16
(675)	Ludmilla	7.7172	0.17-0.38
(676)	Melitta	7.87	0.2
(677)	Aaltje	>10.	<0.1
(678)	Fredegundis	11.606	0.25
(679)	Pax	8.452	0.07-0.32
(683)	Lanzia	8.63	0.12
(684)	Hildburg	11.92	0.23
(686)	Gersuind	6.313	0.37
(687)	Tinette	7.395	0.33
(688)	Melanie		<0.05
(689)	Zita	6.425	0.5
(690)	Wratislavia	8.64	0.09-0.20
(691)	Lehigh	10.482	0.12
(692)	Hippodamia	8.98	0.5
(694)	Ekard	5.922	0.15-0.50
(695)	Bella	14.222	0.35
(696)	Leonora	17.988	0.1
(697)	Galilea	16.538	0.23
(698)	Ernestina	5.033	0.71
(699)	Hela	3.3962	0.19-0.60
(700)	Auravictrix	6.075	0.42
(701)	Oriola	9.09	0.2
(702)	Alauda	8.36	0.07-0.10
(704)	Interamnia	8.727	0.03-0.11
(705)	Erminia	53.96	0.12
(706)	Hirundo	22.072	0.75-0.9
(707)	Steina	24	0.1
(709)	Fringilla	52.4	0.18
(711)	Marmulla		0.07
(712)	Boliviana	11.732	0.11
(713)	Luscinia	8.28	0.21
(714)	Ulula	6.998	0.55
(716)	Berkeley	>17.	>0.2
(717)	Wisibada		
(719)	Albert	5.801	0.74-0.94
(720)	Bohlinia	8.919	0.17-0.46
(721)	Tabora	8	0.19
(722)	Frieda		>0.04
(725)	Amanda	3.749	0.35
(726)	Joella	13.04	0.12
(727)	Nipponia	5.07	0.14
(728)	Leonisis	5	>0.13

ordered by object id

(729)	Watsonia	16.71	0.18
(731)	Sorga	8.184	0.52
(732)	Tjilaki	12.34	0.19
(733)	Mocia	11.35	0.29
(734)	Benda	7.106	0.27
(735)	Marghanna	15.95	0.11
(736)	Harvard	6.7	0.32
(737)	Arequipa	14.13	0.15
(738)	Alagasta	17.83	0.2
(739)	Mandeville	11.931	0.14
(740)	Cantabria	>24.	
(741)	Botolphia	16	0.4
(742)	Edisona	18.386	0.24
(743)	Eugenisis	10.23	0.2
(744)	Aguntina	17.47	0.5
(746)	Marlu	7.787	0.23
(747)	Winchester	9.402	0.08-0.13
(748)	Simeisa	11.88	0.22
(750)	Oskar	6.47	0.07
(751)	Faina	23.678	0.36
(752)	Sulamitis	27.367	0.2
(753)	Tiflis	9.85	0.35-0.8
(754)	Malabar	11.74	0.38
(755)	Quintilla	4.551	0.08-0.38
(756)	Lilliana	9.362	0.56-0.9
(757)	Portlandia	6.58	0.24-0.45
(758)	Mancunia	6.902	0.15
(759)	Vinifera	14.229	0.36
(760)	Massinga	10.72	0.14
(761)	Brendelia		
(762)	Pulcova	5.839	0.3
(766)	Moguntia	3.446	0.23
(769)	Tatjana	35.08	0.33
(770)	Bali	5.951	0.55
(771)	Libera	5.892	0.53-0.57
(773)	Irmintraud	6.7514	0.1
(775)	Lumiere	6.104	0.26
(776)	Berbericia	7.668	0.11-0.21
(777)	Gutemberga	12.88	0.25
(778)	Theobalda	11.659	0.18
(779)	Nina	11.186	0.25
(781)	Kartvelia	19.059	0.25
(782)	Montefiore	4.08	0.43
(783)	Nora	34.4	0.08-0.2
(784)	Pickeringia	13	0.4
(785)	Zwetana	8.8882	0.13-0.18
(787)	Moskva	6.0556	0.47-0.60
(789)	Lena		
(790)	Pretoria	10.37	0.08-0.16
(792)	Metcalfia	9.17	0.62
(795)	Fini	8.641	0.05
(796)	Sarita	7.75	0.29
(797)	Montana	4.55	0.32

ordered by object id

(798)	Ruth	8.53	0.36
(800)	Kressmannia	4.464	0.2
(804)	Hispania	14.845	0.19-0.24
(807)	Ceraskia	7.4	0.25
(808)	Merxia	30.631	0.7
(809)	Lundia	15.4	0.35
(810)	Atossa	4.385	0.55
(811)	Nauheima	5.58	0.2
(812)	Adele	5.859	0.69
(813)	Baumeia	7.44	0.02
(814)	Tauris	35.8	0.2
(815)	Coppelia	4.421	0.17
(816)	Juliana	10.58	0.52
(817)	Annika	10.56	0.27
(818)	Kapteynia	16.35	0.12
(822)	Lalage	3.345	0.47
(823)	Sisigambis	>12.	>0.2
(825)	Tanina	6.746	0.48
(829)	Academia	7.891	0.44
(832)	Karin	18.35	0.32-0.56
(838)	Seraphina	15.67	0.07-0.30
(839)	Valborg	10.366	0.14
(840)	Zenobia	5.565	0.2
(841)	Arabella	3.39	0.26
(846)	Lipperta	>24.	>0.02
(847)	Agnia	14.827	0.45
(849)	Ara	4.116	0.34
(851)	Zeissia	9.34	0.38-0.53
(852)	Wladilena	4.6134	0.30-0.32
(853)	Nansenia	9.31	0.13
(854)	Frostia	37.56	0.33
(856)	Backlunda	12.08	0.29
(857)	Glasenappia	8.23	0.27-0.35
(858)	El Djezair	22.31	0.1
(860)	Ursina	9.386	0.22
(861)	Aida	10.951	0.32
(862)	Franzia	15.05	0.12
(863)	Benkoela	7.03	0.05
(866)	Fatme	20.03	0.21
(868)	Lova	41.33	0.4
(870)	Manto	>24.	>0.3
(872)	Holda	7.2	0.34
(873)	Mechthild	10.6	0.33
(874)	Rotraut	14.586	0.24
(875)	Nymphe	12.638	0.46
(876)	Scott	>14.	>0.3
(877)	Walkure	17.44	0.33-0.40
(883)	Matterania	5.64	0.36-0.42
(884)	Priamus		0.16-0.37
(885)	Ulrike	4.9	0.55
(886)	Washingtonia	9.001	0.12
(887)	Alinda	73.97	0.35
(888)	Parysatis	5.49	0.23

ordered by object id

(889)	Erynia	9.89	0.66
(891)	Gunhild	7.93	0.18
(893)	Leopoldina	10.51	0.35
(894)	Erda	4.69	0.05
(895)	Helio	9.396	0.11-0.23
(896)	Sphinx	26.27	0.08
(898)	Hildegard	>24.	
(899)	Jokaste	6.245	0.28
(900)	Rosalinde	16.5	0.52
(901)	Brunsia	3.136	0.12
(903)	Nealley	21.6	0.13
(904)	Rockefellia	4.93	0.18
(905)	Universitas	10	0.22
(907)	Rhoda	22.44	0.16
(908)	Buda	18.2	0.09
(909)	Ulla	8.73	0.08-0.24
(911)	Agamemnon	7	0.07-0.4
(912)	Maritima	48.43	>0.11
(914)	Palisana	15.62	0.18
(915)	Cosette	4.445	0.37
(916)	America	38	0.28
(917)	Lyka	7.92	0.14
(921)	Jovita	15.64	0.12
(925)	Alphonsina	7.88	0.17-0.31
(926)	Imhilde	26.1	>0.2
(927)	Ratisbona	12.994	0.11
(928)	Hildrun	14.13	0.34
(931)	Whitemora	19.2	0.2
(932)	Hooveria	30	0.2
(934)	Thuringia	8.166	0.66
(936)	Kunigunde	8.8	0.25
(937)	Bethgea	8.356	0.16
(939)	Isberga	>20.	>0.2
(940)	Kordula	15.57	0.36
(943)	Begonia	15.66	0.34
(944)	Hidalgo	10.063	0.31-0.60
(945)	Barcelona	7.365	0.09-0.13
(947)	Monterosa	5.1655	0.15
(949)	Hel	10.862	0.12
(951)	Gaspra	7.042	0.2-1
(952)	Caia	7.51	0.13
(954)	Li	14.415	0.11
(955)	Alstede	5.19	0.27
(956)	Elisa	3.888	0.08
(957)	Camelia	5.391	0.32
(958)	Asplinda	25.3	0.57
(959)	Arne	8.6	0.24
(963)	Iduberga	3.02	0.3
(966)	Muschi	5.355	0.31
(968)	Petunia		>0.07
(970)	Primula	2.777	0.18
(971)	Alsatia	9.6	0.21
(973)	Aralia	7.29	0.25

ordered by object id

(974)	Lioba	38.7	0.37
(975)	Perseverantia	7.158	0.17
(976)	Benjamina	9.746	0.18
(977)	Philippa	15.405	0.49
(978)	Aidamina	10.099	0.13
(979)	Ilsewa	19.2	0.07
(980)	Anacostia	20.117	0.1
(984)	Gretia	5.781	0.4-0.63
(985)	Rosina	3.013	0.22
(986)	Amelia	9.52	0.43
(987)	Wallia	10.523	0.36
(992)	Swasey	13.308	0.17
(994)	Otthild	5.95	0.09-0.14
(995)	Sternberga	15.26	0.15
(996)	Hilaritas	7.2	0.69
(999)	Zachia	22.77	0.3
(1000)	Piazza	9.47	0.45
(1005)	Arago	8.7819	0.22
(1006)	Lagrangea	32.8	0.18
(1008)	La Paz	8.998	0.19
(1010)	Marlene	31.06	0.32
(1011)	Laodamia	5.172	0.44
(1012)	Sarema	10.32	0.81
(1013)	Tombecka	6	0.44
(1014)	Semphyra	5.636	0.12
(1016)	Anitra	5.93	0.30-0.50
(1017)	Jacqueline	7.87	0.6
(1018)	Arnolda	11.97	0.42
(1019)	Strackea	3.832	0.31
(1021)	Flammario	12.146	0.14-0.36
(1022)	Olympiada	3.833	0.27
(1025)	Riema	3.58	0.10-0.25
(1026)	Ingrid	5	0.5
(1027)	Aesculapia	6.83	0.15
(1028)	Lydina	15.69	0.7
(1029)	La Plata	15.37	0.44-0.53
(1031)	Arctica	51	>0.22
(1035)	Amata	9.081	0.44
(1036)	Ganymed	10.31	0.10-0.45
(1038)	Tuckia	23.2	0.1
(1040)	Klumpkea	59.2	0.77
(1042)	Amazone	16.26	0.1
(1046)	Edwin	5.292	0.16
(1048)	Feodosia	10.46	0.14
(1051)	Merope	>20.	>0.09
(1054)	Forsytia	7.65	0.23
(1057)	Wanda	28.8	0.41
(1058)	Grubba	>18.	>0.10
(1059)	Mussorgskia	5.636	0.21
(1060)	Magnolia	2.78	0.09
(1062)	Ljuba	33.8	0.17
(1063)	Aquilegia	5.791	0.73-0.93
(1067)	Lunaria	6.057	0.13-0.27

ordered by object id

(1068)	Nofretete	6.15	0.04
(1069)	Planckia	8.643	0.17
(1071)	Brita	5.8	0.38
(1076)	Viola	7.336	0.12
(1078)	Mentha	85	>0.87
(1079)	Mimosa	7.3	0.1
(1083)	Salvia	4.23	0.61
(1084)	Tamariwa	6.153	0.27
(1085)	Amaryllis	18.168	0.2
(1086)	Nata	18.074	0.17
(1087)	Arabis	5.794	0.14
(1088)	Mitaka	3.049	0.4
(1089)	Tama	16.44	0.38
(1090)	Sumida	2.719	0.22-0.28
(1092)	Lilium	17.63	0.16
(1095)	Tulipa	2.787	0.21
(1096)	Reunerta	13.031	0.26-0.39
(1098)	Hakone	7.142	0.39
(1101)	Clematis	12.68	0.05-0.23
(1103)	Sequoia	3.049	0.51
(1105)	Fragaria	10.88	0.12
(1107)	Lictoria	8.561	0.16-0.30
(1108)	Demeter	9.7	0.12-0.15
(1111)	Reinmuthia	4.02	0.61
(1113)	Katja	18.465	0.15
(1114)	Lorraine		
(1116)	Catriona	8.832	0.10-0.20
(1117)	Reginita	2.946	0.13
(1118)	Hanskya	15.61	0.18
(1120)	Cannonia	3.816	0.16
(1123)	Shapleya	>20.	>0.28
(1124)	Stroobantia	16.39	0.15
(1127)	Mimi	12.749	0.72-0.95
(1129)	Neujmina	7.61	0.06
(1130)	Skuld	4.81	0.5
(1131)	Porzia	4	0.23
(1132)	Hollandia	5.568	0.35
(1135)	Colchis	23.47	0.45
(1137)	Raissa	37	0.34
(1139)	Atami	27.44	0.43
(1140)	Crimea	9.77	0.3
(1143)	Odysseus	>12.	0.11
(1146)	Biarmia	11.514	0.32
(1147)	Stavropolis	5.66	0.42
(1148)	Rarahu	6	0.55
(1149)	Volga	27.5	0.26
(1152)	Pawona	3.418	0.16
(1153)	Wallenbergia	4.096	0.33
(1158)	Luda	6.863	0.15-0.22
(1159)	Granada	31	0.28
(1162)	Larissa	13	0.1
(1165)	Imprinetta	7.9374	0.2
(1166)	Sakuntala	6.3	0.4

ordered by object id

(1167)	Dubiago	14.3	0.23
(1168)	Brandia	11.444	0.62
(1170)	Siva	5.215	0.04
(1171)	Rusthawelia	10.98	0.26
(1172)	Aneas		0.6
(1173)	Anchises	11.6	0.57
(1174)	Marmara	12	0.2
(1175)	Margo	6.0138	0.31
(1176)	Lucidor	4.0791	0.06
(1177)	Gonnessia	6.81	0.11
(1178)	Irmela	19.17	0.34
(1180)	Rita	14.902	0.29
(1182)	Ilona	29.8	1.2
(1185)	Nikko	3.79	0.25-0.50
(1186)	Turnera	12.01	>0.20
(1188)	Gothlandia	3.493	0.68
(1189)	Terentia	19.303	0.38
(1191)	Alfaterna	long?	>0.05
(1192)	Prisma	6.558	0.85
(1196)	Sheba	6.32	0.21-0.28
(1197)	Rhodesia	16.062	0.22-0.32
(1200)	Imperatrix	13.34	0.23
(1202)	Marina	9.45	0.22
(1204)	Renzia	7.885	0.42
(1207)	Ostenia	9.073	0.5-0.7
(1208)	Troilus	>24.	0.36
(1210)	Morosovia	15.3	0.53
(1212)	Francette	>16.	>0.03
(1213)	Algeria	>16.	>0.19
(1214)	Richilde	9.86	0.32
(1219)	Britta	5.575	0.56-0.70
(1220)	Crocus	737	0.87
(1221)	Amor		
(1222)	Tina	long	1
(1223)	Neckar	7.821	0.16-0.45
(1224)	Fantasia	4.995	0.06-0.48
(1225)	Ariane	5.5068	0.30-0.36
(1226)	Golia	4.097	0.35
(1234)	Elyna	17.6	0.16
(1235)	Schorria		
(1236)	Thais	>72.	>0.08
(1237)	Genevieve	16.37	0.23
(1238)	Predappia	8.94	0.03
(1240)	Centenaria	14	0.08
(1241)	Dysona	8.856	0.25
(1242)	Zambesia	17.305	0.24
(1243)	Pamela	26.017	0.49
(1245)	Calvinia	4.84	0.63
(1246)	Chaka	>20.	>0.2
(1248)	Jugurtha	12.91	0.73-0.83
(1249)	Rutherfordia	18.223	0.69
(1250)	Galanthus	3.92	0.28
(1251)	Hedera	15.015	0.41

ordered by object id

(1252)	Celestia	10.636	0.26
(1256)	Normannia	6.8	0.06
(1257)	Mora	5.28	0.43
(1259)	Ogyalla	12	>0.3
(1261)	Legia	8.693	0.13
(1262)	Sniadeckia	17.57	0.16
(1263)	Varsavia	7.231	0.15
(1266)	Tone	11.82	0.12
(1267)	Geertruida	5.5	0.5
(1268)	Libya	14.05	0.08
(1270)	Datura	3.3	0.41-0.61
(1275)	Cimbria	5.649	0.39-0.57
(1276)	Uccia	4.9	0.38
(1277)	Dolores	17.19	0.45
(1278)	Kenya	46	0.14-0.28
(1279)	Uganda	23.2	0.16
(1280)	Baillauda	12.6	0.25
(1281)	Jeanne	15.2	0.45
(1282)	Utopia	13.623	0.29-0.36
(1284)	Latvia	9.644	0.21
(1285)	Julietta	6.7	0.07
(1286)	Banachiewiczza	8.63	0.54
(1288)	Santa	8.28	0.46
(1289)	Kutaissi	3.6	0.4
(1291)	Phryne	5.55	0.86
(1294)	Antwerpia	6.63	0.4
(1296)	Andree	5.184	0.25
(1297)	Quadea	6.267	0.36
(1299)	Mertona	4.977	0.55
(1301)	Yvonne	7.32	0.6
(1304)	Arosa	4.67	0.17
(1305)	Pongola	8.03	0.18
(1306)	Scythia	15.05	0.18
(1307)	Cimmeria	2.82	0.31
(1308)	Halleria	6.028	0.17
(1309)	Hyperborea	13.95	0.4
(1310)	Villigera	7.83	0.39
(1313)	Berna	25.46	0.25
(1316)	Kasan	5.83	0.26
(1317)	Silvretta	7.048	0.3
(1319)	Disa	7.08	0.26
(1320)	Impala	4	0.23
(1321)	Majuba	6.78	>0.43
(1322)	Coppernicus	3.967	0.22
(1324)	Knysna	2.56	0.04
(1325)	Inanda	8	0.04
(1329)	Eliane	8	0.08
(1330)	Spiridonia	9.67	0.16
(1331)	Solvejg	>10.	>0.3
(1333)	Cevenola	4.88	0.97
(1335)	Demoulina	0.24	0.06
(1337)	Gerarda	12.52	0.23
(1340)	Yvette	3.525	0.16

ordered by object id

(1341)	Edmee	11.89	0.3
(1343)	Nicole		
(1345)	Potomac	11.4	0.22
(1346)	Gotha	11.19	0.12
(1350)	Rosselia	6	0.3
(1351)	Uzbekistania	73.9	0.34
(1356)	Nyanza	12.422	0.28
(1360)	Tarka	8.87	0.82
(1362)	Griqua	6.907	0.25
(1366)	Piccolo	16.57	0.33
(1367)	Nongoma	long	0.3
(1368)	Numidia	3.64	0.35
(1369)	Ostanina	8.397	0.82
(1373)	Cincinnati	5.28	0.14
(1374)	Isora	8	0.2
(1376)	Michelle	6	0.19
(1378)	Leonce	4.325	0.5
(1379)	Lomonosowa	24.71	>0.51
(1382)	Gerti	3.082	0.29
(1384)	Kniertje	9.44	0.13
(1386)	Storeria	8.67	1.4
(1388)	Aphrodite	11.95	0.35
(1389)	Onnie	22.5	0.34
(1390)	Abastumani	17.1	0.15
(1392)	Pierre	18	0.09
(1397)	Umtata	30	0.13
(1400)	Tirela	13.356	0.55
(1403)	Idelsonia	5.458	>0.1
(1404)	Ajax	28.4	>0.25
(1409)	Isko	11.644	0.23
(1416)	Renauxa	4.3	0.4
(1419)	Danzig	8	0.92
(1423)	Jose	12.307	0.68
(1425)	Tuorla	6.967	0.35
(1426)	Riviera	4.404	0.3
(1427)	Ruvuma	4.797	0.3
(1429)	Pemba	>20.	>0.3
(1434)	Margot	8.17	0.52
(1437)	Diomedes	24.46	0.22-0.70
(1439)	Vogtia	12.95	0.33
(1441)	Bolyai		
(1444)	Pannonia	10.756	0.16
(1450)	Raimonda	12.66	0.57
(1452)	Hunnia	17.2	>0.34
(1453)	Fennia	6	0.13
(1458)	Mineura		
(1459)	Magnya	4.678	0.58-0.84
(1461)	Jean-Jacques	16.56	0.09
(1467)	Mashona	9.76	0.24
(1468)	Zomba	2.77	0.3
(1469)	Linzia	6.067	0.42
(1471)	Tornio	6.6	0.07-0.20
(1474)	Beira	4.184	0.18

ordered by object id

(1477)	Bonsdorffia	7.5	0.01
(1478)	Vihuri	19.5	0.23
(1481)	Tubingia	160	0.55
(1482)	Sebastiana	10.45	0.7
(1490)	Limpopo	6.647	0.15
(1499)	Pori	3.36	0.28
(1501)	Baade	15.132	0.4
(1503)	Kuopio	9.958	0.69-1.01
(1504)	Lappeenranta	10.44	0.29
(1506)	Xosa	5.9	0.28
(1507)	Vaasa	34.07	0.24
(1508)	Kemi	9.196	0.34
(1509)	Esclangona	3.247	0.13-0.35
(1512)	Oulu		>0.03
(1513)	Matra	>24.	>0.1
(1514)	Ricouxa	10.438	0.62
(1516)	Henry	17.37	0.54
(1517)	Beograd	6.943	0.18
(1520)	Imatra	5.23	0.35
(1522)	Kokkola	5.83	0.29
(1523)	Pieksamaki	5.3203	0.47
(1524)	Joensuu	9.276	0.33
(1527)	Malmquista	14.077	0.54
(1528)	Conrada	6.321	0.49
(1529)	Oterma	15.75	0.18
(1533)	Saimaa	7.08	0.18
(1534)	Nasi	9.75	0.22
(1544)	Vinterhansenia	13.77	0.18
(1547)	Nele	7.081	0.3
(1550)	Tito	54.2	0.23
(1556)	Wingolfia	10	0.15
(1559)	Kustaanheimo	4.301	0.23
(1562)	Gondolatsch	8.782	0.3
(1566)	Icarus	2.273	0.05-0.22
(1567)	Alikoski	16.405	0.16
(1568)	Aisleen	6.68	0.41
(1572)	Posnania	8.048	0.32-0.38
(1575)	Winifred	?	0.03
(1576)	Fabiola	6.7	0.2
(1580)	Betulia	6.1384	0.21-0.65
(1582)	Martir	15.665	0.36
(1583)	Antilochus	>12.	0.04-0.11
(1584)	Fuji	14.88	0.17
(1585)	Union	9.38	0.22
(1586)	Thiele	3.37	0.35
(1589)	Fanatica	2.58	0.16
(1590)	Tsiolkovskaja	6.7	0.4
(1591)	Baize	10	>0.26
(1593)	Fagnes	25.1	0.47
(1596)	Itzigsohn	21	>0.15
(1600)	Vyssotsky	3.2011	0.13-0.18
(1601)	Patry	5.923	0.17
(1603)	Neva	6.4249	0.2

ordered by object id

(1604)	Tombaugh	7.04	0.2
(1605)	Milankovitch	11.6	0.12
(1609)	Brenda	19.46	0.16
(1613)	Smiley	81	0.3
(1615)	Bardwell	>18.	>0.2
(1617)	Alschmitt	7.061	0.39-0.52
(1619)	Ueta	2.94	0.44
(1620)	Geographos	5.223	1.10-2.03
(1621)	Druzhba	>12.	>0.16
(1626)	Sadeya	3.438	0.22
(1627)	Ivar	4.795	0.25-1.0
(1628)	Strobel	9.52	0.19
(1630)	Milet	32.55	0.37
(1631)	Kopff	6.683	0.41
(1635)	Bohrmann	11.73	0.25
(1639)	Bower	12.5	0.15
(1640)	Nemo	5	0.52
(1641)	Tana	6.01	0.33
(1644)	Rafita	5.1	0.31
(1645)	Waterfield	4.861	0.2
(1646)	Rosseland	69.2	0.13
(1648)	Shajna	6.414	0.65
(1651)	Behrens	34.344	0.16
(1653)	Yakhontovia	15.41	0.03
(1655)	Comas Sola	20.4	0.2
(1656)	Suomi	2.59	0.09-0.20
(1657)	Roemera	4.5	0.09
(1659)	Punkaharju	5.01	0.26
(1662)	Hoffmann	8.784	0.25
(1665)	Gaby	66	0.27
(1667)	Pels	3.268	0.25
(1670)	Minnaert	3.528	0.25
(1671)	Chaika	3.7718	0.18
(1672)	Gezelle		>0.2
(1674)	Groeneveld	8.1	0.19
(1675)	Simonida	5.3	0.26
(1679)	Nevanlinna	17.94	0.16
(1680)	Per Brahe	3.44	0.11
(1685)	Toro	10.196	0.6-1.25
(1687)	Glarona	6.3	0.75
(1689)	Floris-Jan	145	0.4
(1693)	Hertzprung	8.825	0.45
(1694)	Kaiser	13.23	0.13-0.25
(1695)	Walbeck	5.3	0.34
(1701)	Okavango	13.204	0.45
(1707)	Chantal	>10.	>0.2
(1708)	Polit	7.52	0.3
(1709)	Ukraina	7.28	0.62
(1710)	Gothard	4.939	0.31
(1712)	Angola	11.527	0.38
(1715)	Salli	>11.	>0.5
(1717)	Arlon	5.1484	0.08
(1719)	Jens	5.867	0.5

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(1722)	Goffin	29	0.6
(1723)	Klemola	5.57	0.22
(1727)	Mette	2.982	0.27
(1732)	Heike	3.9	0.27
(1735)	ITA	12.599	0.26
(1742)	Schaifers	8.56	1.46
(1743)	Schmidt	17.45	0.36
(1746)	Brouwer	19.8	0.35
(1747)	Wright	5.2896	0.61
(1748)	Mauderli	6	0.12
(1753)	Mieke	8.8	0.2
(1754)	Cunningham	4.285	0.10-0.17
(1757)	Porvoo	4.89	0.3
(1758)	Naantali		
(1759)	Kienle	29.25	0.3
(1762)	Russell		
(1764)	Cogshall	3.624	0.2
(1772)	Gagarin	10.96	0.24
(1775)	Zimmerwald		
(1777)	Gehrels	2.8358	0.26
(1780)	Kippes	18	0.23
(1782)	Schneller		>0.6
(1783)	Albitskij	>12.	0.4
(1789)	Dobrovolsky	5.8	0.7
(1793)	Zoya	7	0.4
(1796)	Riga	11	0.1
(1799)	Koussevitzky	6.325	0.25
(1803)	Zwicky	27.1	0.08
(1804)	Chebotarev	4.026	0.41
(1805)	Dirikis	23	0.45
(1807)	Slovakia	46	0.26
(1813)	Imhotep	17.978	0.46
(1815)	Beethoven	54	0.2
(1816)	Liberia	3.086	0.19
(1817)	Katanga	6.35	0.22
(1825)	Klare	4.744	0.75
(1826)	Miller	6.773	0.06
(1829)	Dawson	4.254	0.05-0.28
(1832)	Mrkos	13.64	0.18
(1833)	Shmakova	3.93	0.38
(1838)	Ursa	16.141	0.8
(1845)	Helewalda		
(1847)	Stobbe	6.37	0.27
(1848)	Delvaux	3.637	0.61
(1853)	McElroy	8.01	0.2
(1854)	Skvortsov	78.5	0.56
(1858)	Lobachevskij	7	0.48
(1860)	Barbarossa	3.255	0.28
(1862)	Apollo	3.065	0.15-0.60
(1863)	Antinous	7.4568	0.14-0.23
(1864)	Daedalus	8.572	0.88-1.04
(1865)	Cerberus	6.81	1.48-2.10
(1866)	Sisyphus	2.4	0.11

ordered by object id

(1867)	Deiphobus	>24.	>0.1
(1877)	Marsden	14.4	0.22
(1884)	Skip	3.079	0.2
(1889)	Pakhmutova	17.49	0
(1892)	Lucienne	9.31	0.42
(1900)	Katyusha		
(1902)	Shaposhnikov	21.2	0.42
(1906)	Naef	11.009	0.92
(1907)	Rudneva	45	>0.1
(1911)	Schubart		0.02
(1915)	Quetzalcoatl	4.9	0.26
(1916)	Boreas	3.49	0.25
(1917)	Cuyo	2.69	0.44
(1919)	Clemence	68.5	0.6
(1922)	Zulu	18.64	0.11
(1924)	Horus	6.183	0.19
(1926)	Demiddelaer		<0.1
(1927)	Suvanto	8.164	0.63
(1928)	Summa	9.66	>0.14
(1930)	Lucifer	13.056	0.22-0.44
(1936)	Lugano	19.651	0.31
(1941)	Wild	9.05	0.36
(1943)	Anteros	2.8695	0.08
(1946)	Walraven	10.223	0.6
(1950)	Wempe	16.787	0.93
(1951)	Lick	5.3016	0.17-0.27
(1952)	Hesburgh	47.7	>0.18
(1957)	Angara	3.67	0.52
(1960)	Guisan	8.46	0.52
(1963)	Bezovec	18.16	0.6
(1967)	Menzel	2.835	0.27
(1972)	Yi Xing	14.183	0.18
(1980)	Tezcatlipoca	7.2523	0.72
(1981)	Midas	5.22	0.65-0.87
(1987)	Kaplan	9.49	0.46
(1989)	Tatry	39.9	>0.22
(1991)	Darwin	4.7	0.08
(1992)	Galvarino	7.004	0.6
(1994)	Shane	25.?	>0.1
(1996)	Adams	3.56	0.34
(1998)	Titius	6.13	0.2
(2000)	Herschel	32	0.17
(2001)	Einstein	5.47	0.68
(2003)	Harding	2.96	0.18
(2006)	Polonskaya	3.1183	0.08
(2014)	Vasilevskis	36.25	0.3
(2017)	Wesson	2.988	0.48
(2023)	Asaph	4.74	0.06
(2035)	Stearns	85	0.7
(2036)	Sheragul	5.41	0.6
(2038)	Bistro	7.88	0.1
(2044)	Wirt	3.6898	0.26
(2048)	Dwornik	3.664	0.22

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(2049)	Grietje	12	0.25
(2052)	Tamriko	7.462	0.11
(2054)	Gawain	11.11	0.69
(2056)	Nancy	>15.0	0.08
(2058)	Roka	10.044	0.34
(2060)	Chiron	5.918	0.04-0.09
(2061)	Anza	11.5	0.3
(2062)	Aten	40.77	0.26
(2063)	Bacchus	14.9	0.22-0.44
(2064)	Thomsen	4.233	0.62
(2065)	Spicer	18.165	1
(2067)	Aksnes	17.75	0.24
(2069)	Hubble	32.52	0.1
(2072)	Kosmodemyanskaya	4.4	0.09
(2074)	Shoemaker	57.02	0.45
(2078)	Nanking	6.47	0.8
(2088)	Sahlia	10.37	0.12
(2091)	Sampo	71.3	0.38
(2093)	Genichesk	11.022	0.23
(2094)	Magnitka	6.1124	0.86
(2097)	Galle	7.31	0.4
(2099)	Opik	6.443	0.21
(2100)	Ra-Shalom	19.7998	0.34-0.41
(2102)	Tantalus	2.391	0.08
(2103)	Laverna	9.249	0.22
(2105)	Gudy	15.8	0.28-0.55
(2108)	Otto Schmidt	15.242	0.09
(2109)	Dhotel	32	0.3
(2111)	Tselina	6.564	0.17
(2112)	Ulyanov	3	0.33
(2113)	Ehrdni	13.2	0.22
(2114)	Wallenquist	5.486	0.22
(2120)	Tyumenia	2.769	0.33
(2131)	Mayall	2.572	0.08
(2134)	Dennispalm	4.114	0.24
(2139)	Makharadze	11.9759	0.38
(2140)	Kemerovo	5.308	0.2
(2151)	Hadwiger	5.872	0.35
(2156)	Kate	5.62	0.6
(2159)	Kukkamaki	4.06	0.32
(2167)	Erin	7	0.3
(2183)	Neufang		>0.1
(2199)	Klet	4.0235	0.13
(2201)	Oljato	26	0.1
(2204)	Lyyli	8	0.5
(2207)	Antenor	8.01	0.18-0.31
(2209)	Tianjin	9.47	0.42
(2212)	Hephaistos	>20.	0.08-0.11
(2214)	Carol	4.987	0.6
(2223)	Sarpedon		>0.21
(2228)	Soyuz-Apollo	6.12	0.4
(2241)	Alcathous	9.41	0.21-0.28
(2246)	Bowell	4.992	0.46

ordered by object id

(2251)	Tikhov	5.67	0.39
(2253)	Espinette	7.3	0.48
(2258)	Viipuri	3.81	0.25
(2260)	Neoptolemus	>12.	>0.26
(2266)	Tchaikovsky	4.883	0.04
(2270)	Yazhi	7.78	0.32
(2271)	Kiso		
(2274)	Ehrsson	78	0.5
(2276)	Warck	4.054	0.2
(2283)	Bunke	3.96	0.04
(2288)	Karolinum	42.16	0.4
(2292)	Seili	5.121	0.35-0.44
(2293)	Guernica	6.413	0.47
(2312)	Duboshin	long?	>0.1
(2313)	Aruna	8.9	0.79
(2317)	Galya	2.6	0.24
(2323)	Zverev	3.921	0.39
(2331)	Parvulesco	32.03	0.5
(2333)	Porthan	27.78	0.58
(2339)	Anacreon	>24.	>0.05
(2346)	Lilio	3.029	0.2
(2351)	O'Higgins	4.7889	0.5
(2357)	Phereclos		0.14
(2363)	Cebriones	3.8	0.10-0.35
(2365)	Interkosmos	5.78	0.23
(2368)	Beltrovata	5.9	0.84
(2375)	Radek		<0.1
(2381)	Landi	3.91	0.75
(2382)	Nonie	15.085	0.42
(2384)	Schulhof	3.294	0.43
(2415)	Ganesa	8	0.15
(2417)	McVittie	4.934	0.42
(2419)	Moldavia	2.412	0.14
(2426)	Simonov	5.811	0.4
(2429)	Schurer	7.07	0.28
(2433)	Sootiyo	7	0.57
(2444)	Lederle	17.85	0.45
(2443)	Tomeileen	3.974	0.1
(2446)	Lunacharsky	3.613	0.41
(2448)	Sholokhov	10.065	0.63
(2449)	Kenos	4.188	0.16
(2453)	Wabash	6.878	0.67
(2460)	Mitlincoln	3.01	0.03-0.14
(2463)	Sterpin	13.44	0.25
(2474)	Ruby	7.418	0.16
(2483)	Guinevere	14.733	1.38
(2494)	Inge	6.76	0.92
(2501)	Lohja		
(2511)	Patterson	4.141	0.7
(2525)	O'Steen	3.55	0.19
(2544)	Gubarev		
(2577)	Litva	2.82	0.3
(2595)	Gudiachvili	4.72	0.5

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(2608)	Seneca	8	0.5
(2612)	Kathryn	7.71	0.44
(2624)	Samitchell	12.41	0.51
(2642)	Vesale	7.246	0.39
(2647)	Sova	9.37	0.3
(2653)	Principia	5.5228	0.5
(2659)	Millis	6.132	0.53
(2674)	Pandarus	8.48	0.58
(2687)	Tortali	21.75	0.19
(2703)	Rodari	5.5	0.2
(2714)	Matti	9	0.25
(2725)	David Bender	9.956	0.37
(2741)	Valdivia	4.096	0.36
(2744)	Birgitta	9.02	0.4
(2760)	Kacha	13	0.06
(2771)	Polzunov	11.66	0.15
(2778)	Tangshan	3.461	0.25
(2784)	Domeyko	5.98	0.15
(2791)	Paradise	9.81	0.25
(2794)	Kulik	8	0.22
(2797)	Teucer	14.8	0.21
(2829)	Bobhope	6	0.5
(2830)	Greenwich	80	0.5
(2839)	Annette	10.457	0.92
(2841)	Puijo	3.545	0.03
(2856)	Roser	13.73	0.49
(2867)	Steins	6.049	0.3
(2880)	Nihondaira	17.97	0.75
(2886)	Tinkaping	12	>0.13
(2890)	Vilyujsk	3.45	0.08
(2892)	Filipenko	14	0.21
(2893)	Peiroos	8.96	0.3
(2895)	Memnon	7.5	0.24
(2903)	Zhuhai	6.152	0.53
(2921)	Sophocles	4.778	0.16
(2939)	Coconino	4.681	0.46
(2945)	Zanstra	19.414	0.2
(2951)	Perepadin	4.781	0.56
(2952)	Lilliputia	3.26	0.12
(2953)	Vysheslavia	6.2945	0.09-0.17
(2954)	Delsemme	4.69	0.21
(2957)	Tatsuo	6.8191	0.53
(2959)	Scholl	>16.	>0.14
(2961)	Katsurahama	2.935	0.2
(2962)	Otto	2.68	0.15
(2964)	Jaschek	12.53	0.46
(2988)	Korhonen	29.494	0.97
(3017)	Petrovic	4.069	0.4
(3022)	Dobermann	10.32	0.85
(3028)	Zhangguoxi	4.401	0.12
(3037)	Alku	11.844	0.95
(3043)	San Diego	30.72	0.37
(3052)	Herzen	11.605	0.89

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(3063)	Makhaon	17.3	0.14
(3066)	McFadden	13.798	0.13
(3086)	Kalbaugh	5.18	0.58
(3094)	Chukokkala	8.3711	0.33
(3101)	Goldberger	5.2	0.97
(3102)	Krok	151.8	1.3-1.6
(3103)	Eger	5.7059	0.72-0.90
(3106)	Morabito	6.26	0.27
(3115)	Baily	10	0.17
(3116)	Goodricke	10	0.09
(3122)	Florence	2.3581	0.15-0.22
(3125)	Hay	14.31	0.5
(3129)	Bonestell	2.978	0.19
(3134)	Kostinsky	14.7	0.33-0.38
(3139)	Shantou	8.33	0.34
(3144)	Brosche	3.3	0.6
(3145)	Walter Adams	2.7	0.2
(3155)	Lee	8.312	0.22
(3156)	Ellington	>15.	>0.15
(3165)	Mikawa	5.08	0.08
(3167)	Babcock	15.45	0.3
(3169)	Ostro	6.483	0.42-0.80
(3178)	Yoshitsune	7.478	0.53
(3199)	Nefertiti	3.0202	0.11-0.30
(3200)	Phaethon	3.604	0.11-0.34
(3220)	Murayama	4.8595	0.13-0.16
(3223)	Forsius	2.343	0.21
(3227)	Hasegawa	6.536	0.34
(3237)	Victorplatt		
(3240)	Laocoon		0.49
(3247)	Di Martino	5.445	0.51
(3249)	Musashino	4.5527	0.5
(3253)	Gradie	6.3	0.54
(3254)	Bus	6.62	0.31
(3255)	Tholen	3	0.08
(3259)	Brownlee	9.24	0.16
(3260)	Vizbor	64.1	>0.3
(3267)	Glo	6.8782	0.33
(3268)	De Sanctis	17	0.4
(3270)	Dudley	4.047	0.25
(3284)	Niebuhr	4.307	0.5
(3285)	Ruth Wolfe	3.94	0.2
(3287)	Olmstead	4.8	0.36
(3288)	Seleucus	75	1
(3290)	Azabu	>12.	>0.08
(3309)	Brorfelde	2.5041	0.09
(3317)	Paris		0.09
(3332)	Raksha	4.22	0.3
(3350)	Scobee		>0.17
(3352)	McAuliffe	6	0.2
(3361)	Orpheus	3.58	0.32
(3362)	Khufu		>0.14
(3415)	Danby	2.851	0.09-0.14

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(3425)	Hurukawa	24.84	0.47
(3431)	Nakano	8.9	0.25
(3443)	Leetsungdao	3.44	0.23
(3445)	Pinson	7.801	0.3
(3447)	Burckhalter	60	0.3
(3451)	Mentor		0.21
(3455)	Kristensen	8.111	0.38
(3485)	Barucci	14.65	1.78
(3507)	Vilas	3.959	0.29
(3511)	Tsvetaeva	6.2279	0.87
(3512)	Eriepa	6.7824	0.35
(3514)	Hooke	4.307	0.19
(3536)	Schleicher	5.79	0.94
(3537)	Jurgen	>14.	0.3
(3540)	Protesilaos	8.945	0.13
(3548)	Eurybates		0.2
(3551)	Verenia	4.93	0.11-0.15
(3552)	Don Quixote	7.7	>0.41
(3553)	Mera	3.1944	0.08
(3554)	Amun	2.53	0.19
(3557)	Sokolsky	6.725	0.19
(3561)	Devine		>0.04
(3577)	Putilin	29	0.27
(3578)	Carestia	7.08	0.25
(3581)	Alvarez	33.42	0.06
(3596)	Meriones	12.96	0.15
(3623)	Chaplin	8.361	0.97
(3635)	Kreutz	39	0.2
(3638)	Davis	8.9	0.4
(3651)	Friedman	2.81	0.12
(3655)	Eupraksia	>20.	>0.07
(3671)	Dionysus	2.7053	0.13
(3674)	Erbisbuhl	11.28	0.4
(3678)	Mongmanwai	4.184	0.62
(3682)	Welther	3.5973	0.21-0.35
(3686)	Antoku	6.2	0.2
(3687)	Dzus	7.44	0.1
(3691)	Bede	226.8	0.5
(3693)	Barringer	6.626	0.54
(3694)	Sharon	11.478	0.44-0.52
(3703)	Volkonskaya	3.235	0.22
(3712)	Kraft	9.341	1.2
(3724)	Annenskij	3.973	0.27
(3725)	Valsecchi	3.57	0.52
(3737)	Beckman	3.124	0.16
(3752)	Camillo	37.846	1.1
(3753)	Cruithne	27.44	0.4-0.95
(3754)	Kathleen	11.17	0.18
(3757)	1982 XB	9.0046	0.2
(3761)	Romanskaya	15.317	0.34
(3767)	DiMaggio	6.14	0.4
(3776)	Vartiovuori	7.7	0.12
(3779)	Kieffer	2.848	0.24

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(3782)	Celle	3.84	0.12
(3786)	Yamada	4.034	0.65
(3790)	Raywilson	4.86	0.31
(3807)	Pagels	3.3	0.13
(3824)	Brendalee	4.52	0.18
(3838)	Epona	2.3812	0.05-0.38
(3843)	OISCA	19.078	0.28
(3854)	George	3.3398	0.14
(3873)	Roddy	2.4782	0.09
(3893)	DeLaeter	13.83	0.2
(3908)	Nyx	4.426	0.25-0.46
(3909)	Gladys	6.83	0.15
(3915)	Fukushima	8.4	0.64
(3918)	Brel	3.0966	0.22
(3923)	Radzievskij	39	0.61
(3935)	Toatenmongakkai	106.3	0.58
(3953)	Perth	5.2	1.09
(3974)	Verveer	8.51	0.22
(3982)	Kastel	8.488	0.27
(3985)	Raybatson	4.298	0.1
(3986)	Rozhkovskij	4.26	0.26
(3990)	Heimdal		
(4006)	Sandler	3.4	0.16
(4015)	Wilson-Harrington	6.1	0.2
(4024)	Ronan	18.9	0.5
(4029)	Bridges	3.694	0.24
(4045)	Lowengrub	9.764	0.4
(4055)	Magellan	7.475	0.46
(4057)	Demophon		>0.2
(4084)	Hollis		
(4087)	Part	16.47	0.59
(4092)	Tyr		
(4116)	Elachi	38.12	1.02
(4150)	Starr	6.8	>0.22
(4159)	Freeman	4.021	0.4
(4162)	SAF	7.54	0.16
(4164)	Shilov	18.35	0.24
(4169)	Celsius	10.887	0.44
(4179)	Toutatis	176	1.1
(4183)	Cuno	3.5595	0.47-0.83
(4191)	Assesse	5.4	>0.45
(4196)	Shuya	>20.	>0.07
(4197)	1982 TA	3.538	0.29-0.49
(4201)	Orosz	17.7	0.9
(4209)	Briggs	12.235	0.44
(4215)	Kamo	12.6	0.21
(4217)	Engelhardt	3.066	0.16
(4222)	Nancita	3.8732	0.97
(4224)	Susa	7.78	0.21
(4232)	Aparicio	54.4	0.83
(4254)	Kamel	2.739	0.17
(4255)	Spacewatch	>20.	>0.12
(4266)	Waltari	11.2	0.45

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(4283)	Stoffler	98	0.46
(4284)	Kaho	4.065	0.63
(4288)	1989 TQ1	3.181	0.19
(4293)	Masumi		<0.1
(4294)	Horatius	12.499	0.1
(4317)	Garibaldi	28.5	0.14
(4324)	1981 YA1	26.589	0.72
(4332)	Milton		
(4341)	Poseidon	6.262	0.08
(4368)	Pillmore	3.6054	0.29
(4418)	Fredfranklin	4.819	0.24
(4422)	Jarre	5.428	0.12
(4423)	Golden	10.51	0.17
(4431)	Holeungholee	8.17	0.52
(4432)	McGraw-Hill		0.06
(4435)	Holt		
(4436)	1983 EX	6.656	0.4
(4440)	Tchantches	2.7883	0.24-0.32
(4448)	Phildavis	14.914	0.73
(4451)	Grieve	6.864	0.8
(4455)	Ruriko	4.23	0.41
(4457)	Van Gogh	7.606	0.11
(4483)	Petofi	4.28	0.98
(4486)	Mithra	100	1
(4490)	Bamberg	5.815	0.9
(4492)	Debussy	26.606	0.48
(4497)	Taguchi	3.563	0.15
(4503)	Cleobulus	3.13	0.22
(4507)	1990 FV	6.58	0.4
(4509)	Gorbatskij	6.006	0.35-0.81
(4547)	Massachusetts	7.703	0.29
(4558)	Janesick	100	>0.11
(4577)	Chikako	5.83	0.55
(4580)	Child	4.181	0.24
(4587)	Rees	7.7886	0.78
(4608)	1988 BW3	13.944	0.08
(4628)	Laplace	11.11	0.31-0.48
(4631)	Yabu	7.356	0.44
(4649)	Sumoto	26.31	0.3
(4659)	Roddenberry	12	0.14
(4660)	Nereus	15.1	0.6
(4674)	Pauling	2.5306	0.05
(4713)	Steel	5.186	0.44
(4736)	Johnwood	6.21	0.83
(4744)	1988 RF5	4.009	0.44
(4769)	Castalia	4.095	1
(4774)	Hobetsu	3.577	0.23
(4816)	Connelly	3.898	0.36
(4867)	Polites	>20.	>0.25
(4894)	Ask	3.4	0.16
(4896)	Tomoegozen	8.869	0.65
(4908)	Ward	10.96	0.93
(4914)	Pardina	4.142	0.23

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(4924)	Hiltner	4.9	0.15
(4937)	1986 CL1	3.123	0.22
(4949)	1988 WE	2.6798	0.1
(4953)	1990 MU	14.218	0.68
(4954)	Eric	12.056	0.66
(4957)	Brucemurray	2.8922	0.14-0.38
(4979)	Otawara	2.707	0.27
(4995)	1984 QR	26.37	0.82
(5010)	Amenemhet	3.2	0.14-0.30
(5016)	Migirenko	4.8	0.3
(5035)	Swift	9.5	0.32
(5036)	Tuttle	3.775	0.30-0.42
(5046)	Carletonmoore	6.05	0.21
(5076)	Lebedev-Kumach	3.219	0.14
(5080)	Oja	7.222	0.38
(5104)	Skripnichenko	6.14	>0.21
(5108)	Lubeck	8.769	0.43
(5111)	Jacliff	2.839	0.18
(5143)	Heracles	long?	<0.2
(5145)	Pholus	9.98	0.15-0.60
(5199)	Dortmund		<0.1
(5208)	Royer	3.866	0.44
(5215)	Tsurui	3.81	0.24
(5234)	Sechenov	12.067	0.22
(5237)	Yoshikawa		
(5240)	Kwasan	5.35	0.48
(5261)	Eureka	6	>0.15
(5262)	Brucegoldberg	16.43	0.12
(5288)	Nankichi	13.781	0.19
(5332)	1990 DA	5.803	0.35
(5333)	Kanaya	3.8022	0.22
(5349)	Paulharris	>3.	>0.06
(5357)	1992 EL	5.431	0.66
(5368)	Vitagliano	31	0.3
(5370)	Taranis		0.02
(5381)	Sekhmet	3	0.1
(5386)	1975 TH6	16.845	0.24
(5391)	Emmons	3.028	0.16
(5399)	Awa		
(5407)	1992 AX	2.5488	0.11
(5438)	Lorre	26	0.11
(5439)	Couturier	>50.	>0.47
(5468)	Hamatonbetsu	42.02	0.43
(5477)	1989 UH2	2.9946	0.11
(5515)	1989 EL1	5.23	0.58
(5542)	Moffatt	5.195	0.27
(5580)	Sharidake	14.58	0.39
(5587)	1990 SB	5.0522	0.80-1.25
(5599)	1991 SG1	3.62	0.26
(5603)	Rausudake	6.79	0.3
(5604)	1992 FE	6.026	0.1
(5626)	1991 FE	2.46	0.07
(5635)	Cole	5.794	0.27

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(5641)	McCleese	7.268	0.06
(5645)	1990 SP	30.39	0.7
(5646)	1990 TR	6.25	0.19
(5647)	1990 TZ	6.144	0.45
(5653)	Camarillo	4.834	0.4-0.85
(5660)	1974 MA	17.5	>0.3
(5661)	Hildebrand	13.61	0.21
(5682)	Beresford	7.536	0.2
(5690)	1992 EU	5	0.2
(5692)	Shirao	2.86	0.16
(5693)	1993 EA		>0.13
(5702)	Morando	9.5	0.62
(5711)	Eneev	>30.	>0.1
(5732)	1988 WC	3.1	0.3
(5738)	Billpickering	10.4	0.45
(5751)	Zao	76	0.04-0.2
(5761)	Andreivanov	11.68	0.82
(5775)	Inuyama	4.8345	0.57
(5786)	Talos	38.52	0.23
(5797)	Bivoj	2.706	0.12-0.17
(5806)	Archieroy	12.16	0.34
(5811)	Keck	60	>0.25
(5817)	Robertfrazer	4.051	0.33
(5836)	1993 MF	4.9543	0.53-0.76
(5847)	Wakiya	23.95	0.1
(5849)	1990 HF1	8.733	0.6
(5858)	Borovitskia	7.553	0.18-0.40
(5877)	1990 FP	8.91	0.09
(5878)	Charlene	7.0584	0.2
(5892)	Milesdavis	10.59	0.26
(5905)	Johnson	3.7824	0.11
(5917)	1991 NG	2.65	0.36
(5925)	1994 CP1	5.4	0.54
(5940)	Feliksobolev	6.578	0.23
(5968)	Trauger	7.56	0.1
(6003)	1988 VO1	5	0.07
(6037)	1988 EG	2.76	0.2
(6050)	Miwablock	5.7566	0.28
(6053)	1993 BW3	2.573	0.03-0.5
(6065)	1987 OC	33.15	0.2
(6084)	Bascom	2.7454	0.22
(6146)	Adamkrafft	6.964	0.18
(6153)	Hershey	8.174	0.14
(6159)	1991 YH	10.639	0.78
(6170)	Levasseur	2.6519	0.14
(6178)	1986 DA	3.5	0.32-0.48
(6185)	1987 YD	21.05	>0.33
(6235)	Burney	15.515	0.6
(6239)	Minos	3.5558	0.08
(6249)	Jennifer	4.9535	0.11
(6260)	Kelsey	5.11	0.17
(6271)	Farmer	35.8	>0.1
(6310)	Jankonke	3.0418	0.3
(6317)	Dreyfus	5.25	1.05

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(6322)	1991 CQ	4.323	0.7
(6327)	1991 GP1	18.199	0.06
(6354)	Vangelis	4.115	0.36
(6361)	1978 VL11	9.1122	0.67
(6379)	Vrba	5.11	0.3
(6382)	1988 EL	2.895	0.06
(6386)	1989 NK1	3.1381	0.08
(6393)	1990 HM1	32.7	0.24
(6403)	Steverin	3.485	0.35
(6410)	Fujiwara	7.0073	0.85
(6455)	1992 HE	5.471	0.03-0.09
(6456)	Golombek	2.50129	0.13
(6458)	Nouda	4.2	0.7
(6461)	1993 VB5	3.55	0.13
(6475)	Refugium	8.07	0.45-0.70
(6489)	Golevka	6.0297	0.28-1.03
(6490)	1991 NR2	4.468	0.26
(6500)	Kodaira	5.533	0.8
(6510)	Tarry	7	0.54
(6517)	1990 BW	8.642	0.64
(6536)	Vysochinska	6.109	0.53
(6556)	Arcimboldo	2.51586	0.16
(6569)	1993 MO	5.959	0.98
(6610)	1993 BL3	3.014	0.22
(6611)	1993 VW	2.5568	0.15
(6634)	1987 KB	4.492	0.22
(6650)	Morimoto	13.49	0.24
(6743)	Liu	7.364	0.4
(6859)	Datemasaumune	12.95	0.12
(6877)	Giada	4.1745	0.47
(6897)	Tabei	5.862	0.43
(6911)	Nancygreen	5.342	0.52
(6974)	1992 MC	2.423	0.16
(7025)	1993 QA	2.5057	0.32
(7041)	Nantucket	4.3	0.11
(7066)	Nessus		0.5
(7088)	Ishtar	2.679	0.11
(7187)	Isobe	2.44	0.24
(7229)	Tonimoore	4	0.37
(7335)	1989 JA		
(7336)	Saunders	6.423	0.2-0.3
(7341)	1991 VK	4.2096	0.28-0.70
(7358)	Oze	5.488	0.22
(7467)	1989 WQ1	7.633	0.4
(7474)	1992 TC	5.54	0.07
(7480)	Norwan	35.9	>0.5
(7482)	1994 PC1	2.5999	0.29
(7505)	Furusho	4.14	0.65-0.75
(7550)	1981 EV8	3.14	0.32
(7560)	Spudis	5.402	0.17
(7564)	1988 CA	30.58	0.65
(7593)	1992 WP4	2.557	0.14
(7603)	Salopia		<0.05
(7660)	1993 VM1	5.916	0.32

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(7663)	1994 RX1	32.3	0.4
(7719)	1997 GT36	29.56	0.31
(7757)	1990 KO	5.98	0.11
(7760)	1990 RW3	25.9	0.35
(7776)	Takeishi	8.9	0.05
(7816)	Hanoi	5.18	0.72
(7822)	1991 CS	2.389	0.27-0.32
(7887)	Bratfest		
(7888)	1993 UC	2.34	0.1
(7889)	1994 LX	2.741	0.32-0.39
(7895)	Kaseda	5.093	0.1
(7930)	1987 VD	long?	<0.1
(7968)	Elst-Pizarro	3.471	0.33
(7977)	1977 QQ5	7.457	0.57
(7997)	1985 CN1		<0.2
(8013)	Gordonmoore	6	0.5
(8021)	Walter	12.1	0.08
(8034)	Akka	7.283	0.46
(8037)	1993 HO1	13.04	0.1
(8041)	Masumoto	14.1	0.3
(8176)	1991 WA	7.111	0.99
(8180)	1992 PY2	13.017	0.24
(8189)	Naruke	8.91	0.36
(8201)	1994 AH2	23.949	>0.27
(8213)	1995 FE	2.911	0.39
(8252)	1981 EY14	14.15	0.14
(8253)	1981 EU15	3.9	0.15
(8373)	Stephengould	4.435	0.24
(8395)	Rembaut		
(8400)	Tomizo	>20.	>0.1
(8405)	Asbolus	8.87	0.34
(8417)	Lancetaylor	6.538	0.8
(8567)	1996 HW1	8.7573	0.25
(8589)	Stellaris	5.37	0.7
(8709)	Kadlu	50.6	>0.40
(8794)	1981 EA7	2.864	0.17
(8796)	1981 EA12	5.2	0.41
(8882)	Sakaetamura		
(9069)	Hovland	4.217	0.08
(9117)	Aude	2.811	0.25
(9175)	Graun	>20.	0.2
(9260)	Edwardolson	3.0852	0.11
(9262)	Bordovitsyna	9	0.08
(9286)	1981 ED35	3.86	0.2
(9395)	Saint Michel	3.334	0.12
(9527)	1981 EH23	9.05	0.2
(9566)	Rykhlova	8.359	0.84
(9617)	Grahamchapman	2.2856	0.1
(9716)	Severina	2.967	0.26
(9723)	1981 EP13	12.4	1.11
(9856)	1991 EE	3.045	0.14
(9936)	1986 PN4	10.704	0.14
(9948)	1990 QB2	3.532	0.75
(9969)	Braille	226.4	0.9

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(10115)	1992 SK	7.319	0.72-1.03
(10142)	Sakka	3.35	0.4
(10199)	Chariklo		<0.1
(10261)	Nikdollezhal'	16.69	0.08
(10302)	1989 ML	19	0.6-1
(10370)	Hylonome		
(10475)	1981 EX28	3.1	0.2
(10518)	1990 MC	6.613	0.08
(10578)	1995 LH	8.861	0.18
(10783)	1991 RB9	7.33	0.26
(10936)	1998 FN11	17.3	0.4
(11054)	1991 FA	2.5726	0.08
(11066)	Sigurd	8.4958	1.02
(11264)	Claudiomaccone	3.1872	0.12
(11398)	1998 YP11	38.6	0.25
(11405)	1999 CV3	6.511	0.5-0.79
(11424)	1999 LZ24	2.928	0.11
(11436)	1969 QR	2.65	0.27
(11457)	1981 EF12	9.18	0.26
(11500)	1989 UR	73	0.5
(11728)	Einer	13.62	0.14
(11868)	Kleinrichtert	24	0.29
(12008)	Kandrup	32	0.4
(12331)	1992 UH6	2.727	0.02
(12559)	1998 QB69	6.21	0.18
(12711)	1991 BB	3.4848	0.64-0.76
(12728)	1991 RP1		
(12753)	Povenmire	12.854	0.45
(12923)	Zephyr	3.891	0.18
(12989)	1981 EV9	5.67	0.79
(13014)	Hasslacher	7.62	0.21
(13154)	Petermrva	2.98502	0.18
(13553)	1992 JE	38	1.1
(13651)	1997 BR	33.644	1.2
(13765)	Nansmith	10.51	0.07
(13856)	1999 XZ105	4.4475	0.45
(13906)	Shunda	2.749	0.09
(14141)	Demeautis	2.897	0.14
(14257)	2000 AR97	13.584	0.66
(14362)	1988 MH	3.639	0.44
(14376)	1989 ST10	5.614	0.64
(14402)	1991 DB	2.266	0.11-0.20
(14653)	1998 YV11	11.389	0.2
(14761)	6608 P-L	7.03	0.27
(14827)	Hypnos		0.05
(14835)	Holdridge	>10.	>0.08
(14923)	1994 TU3	30	0.7
(15350)	Naganuma	2.58348	0.19
(15362)	1996 ED	31.4	0.5
(15607)	2000 GA124	3.588	0.16
(15789)	1993 SC	<0.04	<0.04
(15810)	1994 JR1		
(15817)	Lucianotesi	>11.	>0.9
(15820)	1994 TB	6.5	0.3

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(15874)	1996 TL66		<0.06
(15875)	1996 TP66		<0.12
(16064)	1999 RH27	178.5	0.7
(16382)	1981 ER27	4.9	0.46
(16403)	1984 WJ1	7.5391	0.14
(16558)	1991 VQ2	37.37	0.22
(16706)	Svojsik	6.72	0.07
(16834)	1997 WU22	9.345	0.38
(17035)	Velichko	2.899	0.2
(17246)	2000 GL74		
(17260)	2000 JQ58	3.1285	0.15
(17274)	2000 LC16	16.495	0.33
(17383)	1981 EE12	7.4	0.07
(17511)	1992 QN	5.9902	1.1
(17556)	1993 WB	9.17	0.7
(17664)	1996 VP30	3.68	0.2
(17864)	1998 KK38	6.56	0.17
(18108)	2000 NT5	2.92	0.15
(18109)	2000 NG11	4.2534	1.13
(18487)	1996 AU3	6.512	0.72
(18582)	1997 XK9	114	0.94
(19164)	1991 AU1	32.492	0.25
(19255)	1994 VK8	9	0.42
(19288)	1996 FJ5	2.659	0.13
(19308)	1996 TO66	7.92	0.26
(19356)	1997 GH3	6.714	0.74
(19521)	Chaos		<0.10
(19764)	2000 NF5	59.3	0.8
(20000)	Varuna	6.3436	0.41
(20231)	1997 YK	48.2	>0.22
(20236)	1998 BZ7	10.182	0.17
(20255)	1998 FX2	6.826	0.15-0.22
(20429)	1998 YN1	2.718	0.16
(20749)	2000 AD199	>12.	>0.3
(20790)	2000 SE45	2.792	0.04
(20826)	2000 UV13	12	0.1
(20898)	Fountainhills	12.84	0.2
(21088)	1992 BL2	22.49	>0.13
(21056)	1991 CA1	5.584	0.1
(21181)	1994 EB2	33.8	0.35
(21652)	1999 OQ2	16.29	0.75
(22099)	2000 EX106	6.334	0.4
(22338)	Janemojo	3.107	0.1
(22753)	1998 WT	10.24	0.11
(22771)	1999 CU3	3.7817	0.81-1.25
(22899)	1999 TO14		
(23187)	2000 PN9	2.5325	0.15
(23200)	2000 SH3	16.22	0.42
(23429)	1981 EO35	6.15	0.12
(23481)	1991 GT4		
(23712)	Willpatrick	3.902	0.4
(24643)	MacCready	4.507	0.11
(24654)	Fossett	6.004	0.8
(24814)	1994 VW1	6	0.06
(24835)	1995 SM55	8.08	0.19

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(24891)	1997 AT2	6.171	0.98
(25143)	Itokawa	12.132	0.69-1.05
(25330)	1999 KV4	4.919	0.15
(25934)	2001 DC74	19.1	0.9
(26125)	1992 RG	4.201	0.5
(26181)	1996 GQ21		<0.10
(26375)	1999 DE9	>24.?	<0.10
(26471)	2000 AS152	2.7	0.24
(26663)	2000 XK47	2.572	0.11
(26760)	2001 KP41	5.299	0.24
(27136)	1998 XJ16	26	>0.10
(27496)	2000 GC125	4.709	0.1
(27973)	1997 TR25	6.497	0.3
(28017)	1997 YV13	47	0.15
(28271)	1999 CK16	5.64	0.06-0.17
(28610)	2000 EM158	3.288	0.24
(28753)	2000 HA	4.993	1.1
(28887)	2000 KQ58	6.8444	0.51
(28913)	2000 OT	15.3	0.35
(28978)	Ixion		<0.15
(29075)	1950 DA	2.1216	0.2
(29196)	1990 YY	long	0.38
(29981)	1999 TD10	15.382	0.5
(30311)	2000 JS10	2.266	0.14
(30762)	1981 ES42	16.4	0.24
(30825)	1990 TG1	2.62428	0.11
(31345)	1998 PG	2.5162	0.11
(31368)	1998 WW23	14.86	0.21
(31669)	1999 JT6	5.806	0.07-0.27
(31824)	Elatus	26.82	0.1
(32532)	Thereus	8.335	0.18
(32755)	1981 EP15	10.07	0.15
(32929)	1995 QY9	7	0.6
(33107)	1997 YL16	5.173	0.28
(33128)	1998 BU48	12.6	0.68
(33340)	1998 VG44		<0.10
(33342)	1998 WT24	3.697	0.25-0.56
(33896)	2000 KL40	23.8	0.26
(34706)	2001 OP83	2.5946	0.13
(34817)	2001 SE116	6.382	0.75
(35107)	1991 VH	2.6236	0.08
(35396)	1997 XF11	3.2573	0.73-0.93
(35671)	1998 SN165	8.84	0.16
(36017)	1999 ND43	11.4	0.06
(36183)	1999 TX16	5.6121	1.3
(36378)	2000 OL19	4.3437	1.1
(37546)	1981 ET20	>24.	0.36
(37655)	Illapa	2.6556	0.11
(38071)	1999 GU3	216	1.4
(38628)	Huya	6.75	<0.06
(40267)	1999 GJ4	4.9569	1.11
(40314)	1999 KR16	11.7	0.18
(40329)	1999 ML	No var	0
(40921)	1999 TR171	6.74	0.35
(42267)	2001 QJ81	3.152	0.15

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(42301)	2001 UR163		<0.08
(42355)	2002 CR46	8.?	<0.15
(42600)	1997 YF10	7.7712	0.9
(43032)	1999 VR26	32.89	0.6
(45646)	2000 EE45	6.4	0.4
(46053)	Davidpatterson	5	0.4
(47171)	1999 TC36	6?	0.06
(47932)	2000 GN171	8.329	0.61
(49385)	1998 XA12	2.5231	0.15
(50000)	Quaoar	17.6788	0.13
(50203)	2000 AH203	7	0.9
(51773)	2001 MV	3.9976	0.16
(52387)	1993 OM7	>26.	>0.4
(52750)	1998 KK17	3.124	0.16
(52760)	1998 ML14	14.98	0.12
(52762)	1998 MT24	12.066	0.4
(52872)	Okyrhoe	16.6	0.4
(53319)	1999 JM8	136	0.7
(53435)	1999 VM40	5.1854	0.25-0.38
(53789)	2000 ED104	43	1.1
(54071)	2000 GQ146	51	>0.2
(54509)	2000 PH5	0.2029	0.86
(54598)	Bienor	9.14	0.75
(54789)	2001 MZ7	37.57	1.4
(55565)	2002 AW197		
(55636)	2002 TX300	12.101	0.08
(55637)	2002 UX25	14.382	0.21
(55638)	2002 VE95		<0.06
(55735)	Magdeburg	15.41	0.14
(58119)	1981 EJ9		0.14
(60558)	Echeclus	26.802	0.24
(65407)	2002 RP120	200	0.6
(65679)	1989 UQ	7.733	0.27
(65706)	1992 NA	6.992	0.37
(65717)	1993 BX3	20.463	0.91
(65784)	1995 UF4	6.592	0.1
(65803)	Didymos	2.2593	0.08
(65909)	1998 FH12	3	
(66063)	1998 RO1	2.4924	0.13-0.16
(66146)	1998 TU3	2.375	0.09-0.15
(66251)	1999 GJ2	2.4621	0.13
(66391)	1999 KW4	2.765	0.12
(66652)	1999 RZ253		<0.05
(68346)	2001 KZ66	2.7	
(68950)	2002 QF15	29	>0.3
(69230)	Hermes	13.894	0.06
(69880)	1998 SQ81	7.68	0.08
(70030)	Margaretmiller	3.976	0.55
(71031)	1999 XE68	20.19	0.39
(73480)	2002 PN34	8.45	0.18
(75747)	2000 AX153	6.38	0.28
(76818)	2000 RG79	3.1664	0.14
(79360)	1997 CS29		<0.2
(79983)	1999 DF9	6.65	0.4
(80806)	2000 CM105		<0.14

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(82075)	2000 YW134		<0.1
(82155)	2001 FZ173		<0.06
(82158)	2001 FP185		<0.06
(83982)	Crantor	13.14	0.14
(84922)	2003 VS2	5.3	0.6
(85182)	1991 AQ		
(85195)	Von Helfta	4.8412	0.87
(85490)	1997 SE5	9.0583	0.23
(85774)	1998 UT18	34	0.8
(85938)	1999 DJ4	2.5141	0.11
(85989)	1999 JD6	7.68	0.7-1.2
(86039)	1999 NC43	34.49	1.1
(86450)	2000 CK33	6.51	1
(86667)	2000 FO10	26	0.7
(86819)	2000 GK137	3.03	0.13-0.24
(87684)	2000 SY2	8.8	0.1
(88115)	2000 WD116	5.397	0.45
(88188)	2000 XH44	2.6906	0.06
(88710)	2001 SL9	2.4004	0.08
(89355)	2001 VS78	40.553	0.39-0.52
(89830)	2002 CE	2.6149	0.09
(90377)	Sedna	10.273	0.02
(90482)	Orcus	long?	
(91133)	1998 HK151		<0.15
(96590)	1998 XB	520	1
(98943)	2001 CC21	5.017	0.81
(99907)	1989 VA	2.514	0.22-0.40
(99913)	1997 CZ5	3.01	0.14
(99980)	1981 ER18	2.35	0.13
(100004)	1983 VA	3.1642	0.11
(100085)	1992 UY4	12.906	0.26
(100756)	1998 FM5	6.35	1
(101610)	1999 CW7	3.845	0.38
(101955)	1999 RQ36	2.146	0.1-0.3
(102528)	1999 US3	4.682	0.45
(103067)	1999 XA143	9.849	0.49
(105140)	2000 NL10	6.927	0.47
(105158)	2000 OL19	3.136	0.2
(108519)	2001 LF	4.495	0.1
(114319)	2002 XD58	2.9649	0.14
(118228)	1996 TQ66		<0.22
(120061)	2003 CO1		
	1978 CA	3.7538	0.8
	1981 EC15	15.67	0.27
	1989 DA	3.925	0.12
	1989 UP	6.98	1.16
	1989 VB	16	>0.32
	1990 HA	8.55	>0.09
	1990 OS	'few h	
	1990 SA		
	1990 UA		>0.1
	1990 UP	20	0.8
	1991 VA		0.4
	1994 AW1	2.5193	0.12
	1994 CB	8.676	0.9

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1994 GY	2.555	0.06
1994 LC1	2.406	0.13
1994 XD		
1995 EK1	8.444	0.45
1995 FJ	9.2	0.3
1995 FX	5.46	0.2
1995 HM	1.62	2
1996 FG3	3.5942	0.08
1996 JA1	5.227	0.8
1996 PW	35.44	0.44
1996 RQ20		
1996 TS66		<0.16
1997 AE12	1640	>0.6
1997 CV29	15.8	>0.3
1997 GL3	7.572	0.28
1997 LY4	46.07	1
1998 BY7	<1.3	
1998 KY26	0.1784	0.3
1998 QR15	2.454	0.11
1998 QR52	234	0.88
1998 ST27	3	0.1
1998 ST49	2.3011	0.11
1998 UO1	2.9	0.04
1998 VO33	8	0.24
1998 WB2	0.313	0.6
1998 WU24	7.283	0.54
1998 XA5		0.22
1998 XS16	5.4211	1.3
1999 FA	10.092	1.2
1999 FN19	3.5	0.1
1999 HF1	2.3192	0.12-0.23
1999 JO8	2.382	0.09-0.11
1999 LF6	16.007	0.23
1999 LN28	>19.	>1.0
1999 MN	5.495	0.77
1999 NW2	<4.2	
1999 PJ1	6.2013	1.1
1999 SM5	6.23	0.77-0.95
1999 SF10	0.0411	0.58
1999 TY2	0.1213	0.68
1999 TN13	<1.3	
1999 VN6	24.1	0.6
2000 AG6	0.0766	0.8
2000 DO8	0.0217	1.39
2000 DP107	2.7754	0.18
2000 EB14	1.79	1.7
2000 EH26	>24.	
2000 EW70	<33.	
2000 FV53	7.58	0.07
2000 GU127	>24.	0.1
2000 HB24	0.2176	0.24
2000 JG5	6.0562	0.9
2000 JQ66	11.1	0.6
2000 LF3	<1.0	
2000 NM	9.24	0.25-0.42

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2000 OG8	4.0734	0.14
2000 PJ5	23.76	0.3
2000 QW7	71.3	>1.0
2000 QN130	30.33	0.3
2000 RD53	14.96	0.09
2000 SM10	>18.	0.2
2000 SS164	6.8939	0.86
2000 UG11	4.44	0.1
2000 UK11	0.2661	0.24
2000 UO30	0.5865	0.17
2000 WG10	0.2286	0.41
2000 WH10	0.0222	0.5
2000 WM10	long?	low
2000 WS28	0.0731	0.35
2000 WG63	0.1373	0.29
2000 WJ107	<0.25	<0.12
2000 WL107	0.1609	1.1
2000 WN148	0.55	0.14
2000 QWQ148	0.165	0.28
2000 XG47	8.71	0.15-0.6
2000 YA	0.6658	0.35
2001 AV43	0.1701	0.26
2001 BF10	<0.4	
2001 CB21	3.302	0.19
2001 CZ31	4.71	0.21
2001 CQ36	long	low
2001 DS8	0.5313	0.25
2001 JV1	<29.	
2001 JM1	5.7516	0.15
2001 KU66	0.873	0.53
2001 KA67	6.1	0.2
2001 KD77		<0.07
2001 MF1	6.572	1.2
2001 OE84	0.4865	0.3-0.6
2001 OG108	57.12	0.3
2001 PD1	14.58	0.12
2001 QF298		<0.12
2001 QG298	13.7744	1.14
2001 SQ3	0.0625	0.39
2001 SK162	68	0.14
2001 SE286	9.323	0.4
2001 TX16	4.8005	0.47-0.54
2001 UC5	>4.	>0.3
2001 UF5	0.2616	0.59
2001 VF2	1.3927	0.4
2001 WH1	4	0.12
2001 WV1	0.0449	0.38
2001 WJ4	0.9006	0.87
2001 WR5	0.3575	0.57
2001 XU4	0.6806	0.65
2001 YB5	2.5	0.45
2001 YH140		
2002 AA	4.126	0.26
2002 AL14	2.3088	0.35
2002 AA29	<0.55	

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2002 BK25		low
2002 BM26	2.7	
2002 CQ11	>8.	
2002 CE26	3.293	0.06
2002 EC	>6.	
2002 EQ9	3	0.2
2002 EZ11	2.32	0.15
2002 EX12	8.369	0.6
2002 FC	days	
2002 FD6	2.799	0.2
2002 FF12	>9.	>0.15
2002 GD10	0.7356	0.09
2002 GD11	7	0.15
2002 HU11	15.66	0.4
2002 HK12	12.69	1.5
2002 JC	2.49	0.4
2002 JB9	2.4261	0.21
2002 JR9	8.452	0.25
2002 KK8		
2002 LV	6.195	0.94
2002 NY40	19.98	1.3
2002 PZ39		
2002 QE15	2.5811	0.08-0.10
2002 RH52	4.222	0.09
2002 RX211	5.0689	0.22
2002 SY50	4.823	0.52
2002 TD60	2.851	1.4
2002 TZ66	<1.1	
2002 TH267	10	0.2
2002 UK11	>5.	
2002 VE68	13.5	0.8
2003 AK18	5.3	0.19
2003 AL18	2.484	0.18
2003 AJ73	9.5708	0.96
2003 AZ84	13.44	0.14
2003 BF91	18.2	1.09
2003 BG91	8.4	0.18
2003 BH91		<0.15
2003 CP20	2.9745	0.4
2003 EM1	0.031	0.6
2003 EO16		
2003 EL61	3.9154	0.28
2003 FG	8.692	1.4
2003 FH1		
2003 FC5	129.5	>0.5
2003 KP2	151.1	1.7
2003 MS2	7	0.5
2003 NZ6	13.5	2
2003 QY60	3.4	0.34
2003 RB	>16.	>0.2
2003 RX7	2.6	0.12
2003 SR84	2.352	0.83
2003 SS84		0.3
2003 SA224	35	0.24
2003 TL4	27.2	>1.0

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2003 UB313	>8.	0.02
2003 WT42	3.3	0.2
2003 WT153	0.117	0.16
2003 YT1	2.343	0.16
2004 BV18	0.056	0.16
2004 BW18	8.25	0.21
2004 BB75	>2.5	>0.27
2004 BE86	2.42	0.63
2004 EW9	49.94	0.9
2004 FH	0.0504	1.16
2004 FF29	6.009	0.6
2004 GD	'very short?	
2004 GD2	0.235	0.78
2004 HW	2.52	0.2
2004 JA	52.1	0.4
2004 JR1	2.813	0.13
2004 LJ1	2.7246	0.21-0.59
2004 RF84	weeks	
2004 RZ164	2.556	0.11
2004 TR14	8.292	0.47
2004 TC18	0.741	0.34
2004 VW14	2.5009	0.14
2004 XO14	8.4172	0.19
2005 AB	3.339	0.04
2005 CR37	5.6	1.1
2005 CK38	4.7894	0.27
2005 ED318	17.157	0.22
2005 GB34	0.52	0.36
2005 OE3	>100.	
2P/Encke	11.079	0.25

ordered by period

Object ID	Object Name	Period (hours)	Magnitude Variation
	2000 DO8	0.0217	1.39
	2000 WH10	0.0222	0.5
	2003 EM1	0.031	0.6
	1999 SF10	0.0411	0.58
	2001 WV1	0.0449	0.38
	2004 FH	0.0504	1.16
	2004 BV18	0.056	0.16
	2001 SQ3	0.0625	0.39
	2000 WS28	0.0731	0.35
	2000 AG6	0.0766	0.8
	2003 WT153	0.117	0.16
	1999 TY2	0.1213	0.68
	2000 WG63	0.1373	0.29
	2000 WL107	0.1609	1.1
	2000 QWQ148	0.165	0.28
	2001 AV43	0.1701	0.26
	1998 KY26	0.1784	0.3
(54509)	2000 PH5	0.2029	0.86
	2000 HB24	0.2176	0.24
	2000 WG10	0.2286	0.41
	2004 GD2	0.235	0.78
(1335)	Demoulina	0.24	0.06
	2001 UF5	0.2616	0.59
	2000 UK11	0.2661	0.24
	1998 WB2	0.313	0.6
	2001 WR5	0.3575	0.57
	2001 OE84	0.4865	0.3-0.6
	2005 GB34	0.52	0.36
	2001 DS8	0.5313	0.25
	2000 WN148	0.55	0.14
	2000 UO30	0.5865	0.17
	2000 YA	0.6658	0.35
	2001 XU4	0.6806	0.65
	2002 GD10	0.7356	0.09
	2004 TC18	0.741	0.34
	2001 KU66	0.873	0.53
	2001 WJ4	0.9006	0.87
	2001 VF2	1.3927	0.4
	1995 HM	1.62	2
	2000 EB14	1.79	1.7
(29075)	1950 DA	2.1216	0.2
(101955)	1999 RQ36	2.146	0.1-0.3
(65803)	Didymos	2.2593	0.08
(30311)	2000 JS10	2.266	0.14
(14402)	1991 DB	2.266	0.11-0.20
(1566)	Icarus	2.273	0.05-0.22
(9617)	Grahamchapman	2.2856	0.1
	1998 ST49	2.3011	0.11
	2002 AL14	2.3088	0.35
	1999 HF1	2.3192	0.12-0.23
	2002 EZ11	2.32	0.15
(7888)	1993 UC	2.34	0.1
	2003 YT1	2.343	0.16
(3223)	Forsius	2.343	0.21

ordered by period

(99980)	1981 ER18	2.35	0.13
	2003 SR84	2.352	0.83
(3122)	Florence	2.3581	0.15-0.22
(66146)	1998 TU3	2.375	0.09-0.15
(3838)	Epona	2.3812	0.05-0.38
	1999 JO8	2.382	0.09-0.11
(7822)	1991 CS	2.389	0.27-0.32
(2102)	Tantalus	2.391	0.08
(1866)	Sisyphus	2.4	0.11
(88710)	2001 SL9	2.4004	0.08
	1994 LC1	2.406	0.13
(2419)	Moldavia	2.412	0.14
	2004 BE86	2.42	0.63
(6974)	1992 MC	2.423	0.16
	2002 JB9	2.4261	0.21
(7187)	Isobe	2.44	0.24
	1998 QR15	2.454	0.11
(5626)	1991 FE	2.46	0.07
(66251)	1999 GJ2	2.4621	0.13
(3873)	Roddy	2.4782	0.09
	2003 AL18	2.484	0.18
	2002 JC	2.49	0.4
(66063)	1998 RO1	2.4924	0.13-0.16
	2001 YB5	2.5	0.45
	2004 VW14	2.5009	0.14
(6456)	Golombek	2.50129	0.13
(3309)	Brorfelde	2.5041	0.09
(7025)	1993 QA	2.5057	0.32
(99907)	1989 VA	2.514	0.22-0.40
(85938)	1999 DJ4	2.5141	0.11
(6556)	Arcimboldo	2.51586	0.16
(31345)	1998 PG	2.5162	0.11
	1994 AW1	2.5193	0.12
	2004 HW	2.52	0.2
(49385)	1998 XA12	2.5231	0.15
(3554)	Amun	2.53	0.19
(4674)	Pauling	2.5306	0.05
(23187)	2000 PN9	2.5325	0.15
(5407)	1992 AX	2.5488	0.11
	1994 GY	2.555	0.06
	2004 RZ164	2.556	0.11
(6611)	1993 VW	2.5568	0.15
(7593)	1992 WP4	2.557	0.14
(1324)	Knysna	2.56	0.04
(2131)	Mayall	2.572	0.08
(26663)	2000 XK47	2.572	0.11
(11054)	1991 FA	2.5726	0.08
(6053)	1993 BW3	2.573	0.03-0.5
(1589)	Fanatica	2.58	0.16
	2002 QE15	2.5811	0.08-0.10
(15350)	Naganuma	2.58348	0.19
(1656)	Suomi	2.59	0.09-0.20
(34706)	2001 OP83	2.5946	0.13
(7482)	1994 PC1	2.5999	0.29

ordered by period

	2003 RX7	2.6	0.12
(2317)	Galya	2.6	0.24
(89830)	2002 CE	2.6149	0.09
(35107)	1991 VH	2.6236	0.08
(30825)	1990 TG1	2.62428	0.11
(11436)	1969 QR	2.65	0.27
(5917)	1991 NG	2.65	0.36
(6170)	Levasseur	2.6519	0.14
(37655)	Illapa	2.6556	0.11
(19288)	1996 FJ5	2.659	0.13
(7088)	Ishtar	2.679	0.11
(4949)	1988 WE	2.6798	0.1
(2962)	Otto	2.68	0.15
(1917)	Cuyo	2.69	0.44
(88188)	2000 XH44	2.6906	0.06
(3145)	Walter Adams	2.7	0.2
(26471)	2000 AS152	2.7	0.24
(68346)	2001 KZ66	2.7	
	2002 BM26	2.7	
(3671)	Dionysus	2.7053	0.13
(5797)	Bivoj	2.706	0.12-0.17
(4979)	Otawara	2.707	0.27
(20429)	1998 YN1	2.718	0.16
(1090)	Sumida	2.719	0.22-0.28
	2004 LJ1	2.7246	0.21-0.59
(12331)	1992 UH6	2.727	0.02
(353)	Ruperto-Carola	2.73898	0.32
(4254)	Kamel	2.739	0.17
(7889)	1994 LX	2.741	0.32-0.39
(6084)	Bascom	2.7454	0.22
(13906)	Shunda	2.749	0.09
(6037)	1988 EG	2.76	0.2
(66391)	1999 KW4	2.765	0.12
(2120)	Tyumenia	2.769	0.33
(1468)	Zomba	2.77	0.3
	2000 DP107	2.7754	0.18
(970)	Primula	2.777	0.18
(1060)	Magnolia	2.78	0.09
(1095)	Tulipa	2.787	0.21
(4440)	Tchantches	2.7883	0.24-0.32
(20790)	2000 SE45	2.792	0.04
	2002 FD6	2.799	0.2
(3651)	Friedman	2.81	0.12
(9117)	Aude	2.811	0.25
	2004 JR1	2.813	0.13
(2577)	Litva	2.82	0.3
(1307)	Cimmeria	2.82	0.31
(1967)	Menzel	2.835	0.27
(1777)	Gehrels	2.8358	0.26
(5111)	Jacliff	2.839	0.18
(3779)	Kieffer	2.848	0.24
	2002 TD60	2.851	1.4
(3415)	Danby	2.851	0.09-0.14
(5692)	Shirao	2.86	0.16

ordered by period

(8794)	1981 EA7	2.864	0.17
(1943)	Anteros	2.8695	0.08
(321)	Florentina	2.871	0.33-0.42
(587)	Hypsipyle	2.888	0.39
(4957)	Brucemurray	2.8922	0.14-0.38
(6382)	1988 EL	2.895	0.06
(14141)	Demeautis	2.897	0.14
(17035)	Velichko	2.899	0.2
	1998 UO1	2.9	0.04
(8213)	1995 FE	2.911	0.39
(18108)	2000 NT5	2.92	0.15
(11424)	1999 LZ24	2.928	0.11
(2961)	Katsurahama	2.935	0.2
(1619)	Ueta	2.94	0.44
(1117)	Reginita	2.946	0.13
(2003)	Harding	2.96	0.18
(114319)	2002 XD58	2.9649	0.14
(9716)	Severina	2.967	0.26
	2003 CP20	2.9745	0.4
(3129)	Bonestell	2.978	0.19
(1727)	Mette	2.982	0.27
(13154)	Petermrva	2.98502	0.18
(2017)	Wesson	2.988	0.48
(5477)	1989 UH2	2.9946	0.11
(3255)	Tholen	3	0.08
(5381)	Sekhmet	3	0.1
	1998 ST27	3	0.1
	2002 EQ9	3	0.2
(2112)	Ulyanov	3	0.33
(65909)	1998 FH12	3	
(99913)	1997 CZ5	3.01	0.14
(2460)	Mitlincoln	3.01	0.03-0.14
(985)	Rosina	3.013	0.22
(6610)	1993 BL3	3.014	0.22
(963)	Iduberga	3.02	0.3
(3199)	Nefertiti	3.0202	0.11-0.30
(5391)	Emmons	3.028	0.16
(2346)	Lilio	3.029	0.2
(86819)	2000 GK137	3.03	0.13-0.24
(6310)	Jankonke	3.0418	0.3
(9856)	1991 EE	3.045	0.14
(1088)	Mitaka	3.049	0.4
(1103)	Sequoia	3.049	0.51
(1862)	Apollo	3.065	0.15-0.60
(4217)	Engelhardt	3.066	0.16
(1884)	Skip	3.079	0.2
(1382)	Gerti	3.082	0.29
(9260)	Edwardolson	3.0852	0.11
(1816)	Liberia	3.086	0.19
(3918)	Brel	3.0966	0.22
(10475)	1981 EX28	3.1	0.2
(5732)	1988 WC	3.1	0.3
(22338)	Janemojo	3.107	0.1

ordered by period

(2006)	Polonskaya	3.1183	0.08
(4937)	1986 CL1	3.123	0.22
(3737)	Beckman	3.124	0.16
(52750)	1998 KK17	3.124	0.16
(17260)	2000 JQ58	3.1285	0.15
(4503)	Cleobulus	3.13	0.22
(901)	Brunsia	3.136	0.12
(105158)	2000 OL19	3.136	0.2
(6386)	1989 NK1	3.1381	0.08
(7550)	1981 EV8	3.14	0.32
(42267)	2001 QJ81	3.152	0.15
(100004)	1983 VA	3.1642	0.11
(76818)	2000 RG79	3.1664	0.14
(4288)	1989 TQ1	3.181	0.19
(11264)	Claudiomaccone	3.1872	0.12
(3553)	Mera	3.1944	0.08
(5010)	Amenemhet	3.2	0.14-0.30
(1600)	Vyssotsky	3.2011	0.13-0.18
(5076)	Lebedev-Kumach	3.219	0.14
(3703)	Volkonskaya	3.235	0.22
(1509)	Esclangona	3.247	0.13-0.35
(1860)	Barbarossa	3.255	0.28
(35396)	1997 XF11	3.2573	0.73-0.93
(2952)	Lilliputia	3.26	0.12
(1667)	Pels	3.268	0.25
(28610)	2000 EM158	3.288	0.24
	2002 CE26	3.293	0.06
(2384)	Schulhof	3.294	0.43
(3807)	Pagels	3.3	0.13
	2003 WT42	3.3	0.2
(3144)	Brosche	3.3	0.6
(1270)	Datura	3.3	0.41-0.61
	2001 CB21	3.302	0.19
(9395)	Saint Michel	3.334	0.12
	2005 AB	3.339	0.04
(3854)	George	3.3398	0.14
(822)	Lalage	3.345	0.47
(10142)	Sakka	3.35	0.4
(1499)	Pori	3.36	0.28
(1586)	Thiele	3.37	0.35
(841)	Arabella	3.39	0.26
(699)	Hela	3.3962	0.19-0.60
(4006)	Sandler	3.4	0.16
(4894)	Ask	3.4	0.16
	2003 QY60	3.4	0.34
(1152)	Pawona	3.418	0.16
(1626)	Sadeya	3.438	0.22
(1680)	Per Brahe	3.44	0.11
(3443)	Leetsungdao	3.44	0.23
(766)	Moguntia	3.446	0.23
(2890)	Vilyujsk	3.45	0.08
(2778)	Tangshan	3.461	0.25
(7968)	Elst-Pizarro	3.471	0.33

ordered by period

(12711)	1991 BB	3.4848	0.64-0.76
(6403)	Steverin	3.485	0.35
(1916)	Boreas	3.49	0.25
(1188)	Gothlandia	3.493	0.68
	1999 FN19	3.5	0.1
(6178)	1986 DA	3.5	0.32-0.48
(1340)	Yvette	3.525	0.16
(1670)	Minnaert	3.528	0.25
(9948)	1990 QB2	3.532	0.75
(4197)	1982 TA	3.538	0.29-0.49
(2841)	Puijo	3.545	0.03
(6461)	1993 VB5	3.55	0.13
(2525)	O'Steen	3.55	0.19
(6239)	Minos	3.5558	0.08
(4183)	Cuno	3.5595	0.47-0.83
(1996)	Adams	3.56	0.34
(4497)	Taguchi	3.563	0.15
(3725)	Valsecchi	3.57	0.52
(4774)	Hobetsu	3.577	0.23
(3361)	Orpheus	3.58	0.32
(1025)	Riema	3.58	0.10-0.25
(15607)	2000 GA124	3.588	0.16
	1996 FG3	3.5942	0.08
(3682)	Welther	3.5973	0.21-0.35
(1289)	Kuttaissi	3.6	0.4
(3200)	Phaethon	3.604	0.11-0.34
(4368)	Pillmore	3.6054	0.29
(2446)	Lunacharsky	3.613	0.41
(5599)	1991 SG1	3.62	0.26
(1764)	Cogshall	3.624	0.2
(428)	Monachia	3.634	0.31
(1848)	Delvaux	3.637	0.61
(14362)	1988 MH	3.639	0.44
(1368)	Numidia	3.64	0.35
(2048)	Dwornik	3.664	0.22
(1957)	Angara	3.67	0.52
(575)	Renate	3.678	0.2
(17664)	1996 VP30	3.68	0.2
(2044)	Wirt	3.6898	0.26
(4029)	Bridges	3.694	0.24
(33342)	1998 WT24	3.697	0.25-0.56
(390)	Alma	3.74	0.42
(201)	Penelope	3.7474	0.15-0.73
(725)	Amanda	3.749	0.35
	1978 CA	3.7538	0.8
(1671)	Chaika	3.7718	0.18
(5036)	Tuttle	3.775	0.30-0.42
(22771)	1999 CU3	3.7817	0.81-1.25
(5905)	Johnson	3.7824	0.11
(1185)	Nikko	3.79	0.25-0.50
(2363)	Cebriones	3.8	0.10-0.35
(5333)	Kanaya	3.8022	0.22
(5215)	Tsurui	3.81	0.24
(2258)	Viipuri	3.81	0.25

ordered by period

(1120)	Cannonia	3.816	0.16
(1019)	Strackea	3.832	0.31
(1022)	Olympiada	3.833	0.27
(3782)	Celle	3.84	0.12
(101610)	1999 CW7	3.845	0.38
(9286)	1981 ED35	3.86	0.2
(5208)	Royer	3.866	0.44
(4222)	Nancita	3.8732	0.97
(956)	Elisa	3.888	0.08
(12923)	Zephyr	3.891	0.18
(4816)	Connelly	3.898	0.36
(8253)	1981 EU15	3.9	0.15
(1732)	Heike	3.9	0.27
(23712)	Willpatrick	3.902	0.4
(2381)	Landi	3.91	0.75
	2003 EL61	3.9154	0.28
(1250)	Galanthus	3.92	0.28
(2323)	Zverev	3.921	0.39
	1989 DA	3.925	0.12
(1833)	Shmakova	3.93	0.38
(3285)	Ruth Wolfe	3.94	0.2
(3507)	Vilas	3.959	0.29
(2283)	Bunke	3.96	0.04
(1322)	Copernicus	3.967	0.22
(125)	Liberatrix	3.968	0.20-0.71
(3724)	Annenskij	3.973	0.27
(2443)	Tomeileen	3.974	0.1
(70030)	Margaretmiller	3.976	0.55
(51773)	2001 MV	3.9976	0.16
	2001 WH1	4	0.12
(1131)	Porzia	4	0.23
(1320)	Impala	4	0.23
(7229)	Tonimoore	4	0.37
(4744)	1988 RF5	4.009	0.44
(1111)	Reinmuthia	4.02	0.61
(4159)	Freeman	4.021	0.4
(2199)	Klet	4.0235	0.13
(1804)	Chebotarev	4.026	0.41
(3786)	Yamada	4.034	0.65
(65)	Cybele	4.041	0.04-0.12
(3270)	Dudley	4.047	0.25
(5817)	Robertfrazier	4.051	0.33
(347)	Pariana	4.0529	0.09-0.42
(2276)	Warck	4.054	0.2
(2159)	Kukkamaki	4.06	0.32
(4284)	Kaho	4.065	0.63
(3017)	Petrovic	4.069	0.4
	2000 OG8	4.0734	0.14
(1176)	Lucidor	4.0791	0.06
(782)	Montefiore	4.08	0.43
(4769)	Castalia	4.095	1
(1153)	Wallenbergia	4.096	0.33
(2741)	Valdivia	4.096	0.36

ordered by period

(1226)	Golia	4.097	0.35
(2134)	Dennispalm	4.114	0.24
(6354)	Vangelis	4.115	0.36
(849)	Ara	4.116	0.34
(382)	Dodona	4.116	0.39-0.42
	2002 AA	4.126	0.26
(7505)	Furusho	4.14	0.65-0.75
(2511)	Patterson	4.141	0.7
(4914)	Pardina	4.142	0.23
(22)	Kalliope	4.148	0.04-0.30
(297)	Caecilia	4.163	0.2
(6877)	Giada	4.1745	0.47
(4580)	Child	4.181	0.24
(1474)	Beira	4.184	0.18
(3678)	Mongmanwai	4.184	0.62
(2449)	Kenos	4.188	0.16
(16)	Psyche	4.196	0.03-0.42
(6458)	Nouda	4.2	0.7
(26125)	1992 RG	4.201	0.5
(7341)	1991 VK	4.2096	0.28-0.70
(9069)	Hovland	4.217	0.08
(3332)	Raksha	4.22	0.3
	2002 RH52	4.222	0.09
(4455)	Ruriko	4.23	0.41
(1083)	Salvia	4.23	0.61
(2064)	Thomsen	4.233	0.62
(18109)	2000 NG11	4.2534	1.13
(1829)	Dawson	4.254	0.05-0.28
(3986)	Rozhkovskij	4.26	0.26
(354)	Eleonora	4.277	0.12-0.30
(4483)	Petofi	4.28	0.98
(1754)	Cunningham	4.285	0.10-0.17
(665)	Sabine	4.29	0.34
(556)	Phyllis	4.293	0.27
(3985)	Raybatson	4.298	0.1
(7041)	Nantucket	4.3	0.11
(1416)	Renauxa	4.3	0.4
(1559)	Kustaanheimo	4.301	0.23
(3514)	Hooke	4.307	0.19
(3284)	Niebuhr	4.307	0.5
(291)	Alice	4.32	0.14-0.25
(6322)	1991 CQ	4.323	0.7
(1378)	Leonce	4.325	0.5
(36378)	2000 OL19	4.3437	1.1
(281)	Lucretia	4.348	0.38
(810)	Atossa	4.385	0.55
(2072)	Kosmodemyanskaya	4.4	0.09
(3028)	Zhangguoxi	4.401	0.12
(1426)	Riviera	4.404	0.3
(815)	Coppelia	4.421	0.17
(3908)	Nyx	4.426	0.25-0.46
(8373)	Stephengould	4.435	0.24
	2000 UG11	4.44	0.1

ordered by period

(915)	Cosette	4.445	0.37
(13856)	1999 XZ105	4.4475	0.45
(378)	Holmia	4.45	0.13
(800)	Kressmannia	4.464	0.2
(6490)	1991 NR2	4.468	0.26
(6634)	1987 KB	4.492	0.22
(108519)	2001 LF	4.495	0.1
(1657)	Roemera	4.5	0.09
(24643)	MacCready	4.507	0.11
(3824)	Brendalee	4.52	0.18
(242)	Kriemhild	4.543	0.08
(797)	Montana	4.55	0.32
(755)	Quintilla	4.551	0.08-0.38
(3249)	Musashino	4.5527	0.5
(614)	Pia	4.572	0.21-0.42
(565)	Marbachia	4.587	0.22-0.26
(632)	Pyrrha	4.6	0.4
(338)	Budrosa	4.6	0.06-0.47
(852)	Wladilena	4.6134	0.30-0.32
(497)	Iva	4.62	0.38-0.50
(435)	Ella	4.623	0.38
(243)	Ida	4.634	0.45-0.86
(337)	Devosa	4.6537	0.08-0.75
(1304)	Arosa	4.67	0.17
(418)	Alemannia	4.671	0.14-0.27
(1459)	Magnya	4.678	0.58-0.84
(2939)	Coconino	4.681	0.46
(102528)	1999 US3	4.682	0.45
(894)	Erda	4.69	0.05
(2954)	Delsemme	4.69	0.21
(1991)	Darwin	4.7	0.08
(349)	Dembowska	4.7012	0.08-0.47
(507)	Laodica	4.705	0.22
(27496)	2000 GC125	4.709	0.1
	2001 CZ31	4.71	0.21
(166)	Rhodope	4.715	0.13-0.35
(2595)	Gudiachvili	4.72	0.5
(2023)	Asaph	4.74	0.06
(1825)	Klare	4.744	0.75
(423)	Diotima	4.775	0.06-0.20
(2921)	Sophocles	4.778	0.16
(2951)	Perepadin	4.781	0.56
(369)	Aeria	4.787	0.08
(2351)	O'Higgins	4.7889	0.5
	2005 CK38	4.7894	0.27
(1627)	Ivar	4.795	0.25-1.0
(1427)	Ruvuma	4.797	0.3
(5016)	Migirenko	4.8	0.3
(3287)	Olmstead	4.8	0.36
	2001 TX16	4.8005	0.47-0.54
(55)	Pandora	4.804	0.07-0.33
(1130)	Skuld	4.81	0.5
(4418)	Fredfranklin	4.819	0.24

ordered by period

	2002 SY50	4.823	0.52
(440)	Theodora	4.828	0.43
(355)	Gabriella	4.83	0.35-0.41
(5653)	Camarillo	4.834	0.4-0.85
(5775)	Inuyama	4.8345	0.57
(1245)	Calvinia	4.84	0.63
(85195)	Von Helfta	4.8412	0.87
(107)	Camilla	4.8439	0.32-0.52
(3220)	Murayama	4.8595	0.13-0.16
(3790)	Raywilson	4.86	0.31
(1645)	Waterfield	4.861	0.2
(1333)	Cevenola	4.88	0.97
(2266)	Tchaikovsky	4.883	0.04
(1757)	Porvoo	4.89	0.3
(4924)	Hiltner	4.9	0.15
(1915)	Quetzalcoatl	4.9	0.26
(1276)	Ucclia	4.9	0.38
(16382)	1981 ER27	4.9	0.46
(885)	Ulrike	4.9	0.55
(25330)	1999 KV4	4.919	0.15
(904)	Rockefellia	4.93	0.18
(3551)	Verenia	4.93	0.11-0.15
(2417)	McVittie	4.934	0.42
(1710)	Gothard	4.939	0.31
(6249)	Jennifer	4.9535	0.11
(5836)	1993 MF	4.9543	0.53-0.76
(40267)	1999 GJ4	4.9569	1.11
(129)	Antigone	4.9572	0.21-0.49
(594)	Mireille	4.966	0.18
(1299)	Mertona	4.977	0.55
(2214)	Carol	4.987	0.6
(2246)	Bowell	4.992	0.46
(28753)	2000 HA	4.993	1.1
(1224)	Fantasia	4.995	0.06-0.48
(6003)	1988 VO1	5	0.07
(5690)	1992 EU	5	0.2
(46053)	Davidpatterson	5	0.4
(1026)	Ingrid	5	0.5
(1640)	Nemo	5	0.52
(728)	Leonis	5	>0.13
(1659)	Punkaharju	5.01	0.26
(98943)	2001 CC21	5.017	0.81
(698)	Ernestina	5.033	0.71
(367)	Amicitia	5.05	0.28
(5587)	1990 SB	5.0522	0.80-1.25
(250)	Bettina	5.0544	0.11-0.60
	2002 RX211	5.0689	0.22
(584)	Semiramis	5.0689	0.18-0.44
(727)	Nipponia	5.07	0.14
(9)	Metis	5.079	0.04-0.36
(3165)	Mikawa	5.08	0.08
(7895)	Kaseda	5.093	0.1
(1644)	Rafita	5.1	0.31

ordered by period

(153)	Hilda	5.11	0.05
(6260)	Kelsey	5.11	0.17
(6379)	Vrba	5.11	0.3
(2292)	Seili	5.121	0.35-0.44
(511)	Davida	5.1294	0.06-0.25
(39)	Laetitia	5.138	0.08-0.53
(1717)	Arlon	5.1484	0.08
(947)	Monterosa	5.1655	0.15
(132)	Aethra	5.168	0.10-0.52
(1011)	Laodamia	5.172	0.44
(33107)	1997 YL16	5.173	0.28
(3086)	Kalbaugh	5.18	0.58
(7816)	Hanoi	5.18	0.72
(1296)	Andree	5.184	0.25
(87)	Sylvia	5.184	0.30-0.62
(53435)	1999 VM40	5.1854	0.25-0.38
(4713)	Steel	5.186	0.44
(955)	Alstede	5.19	0.27
(5542)	Moffatt	5.195	0.27
(8796)	1981 EA12	5.2	0.41
(3101)	Goldberger	5.2	0.97
(3953)	Perth	5.2	1.09
(1170)	Siva	5.215	0.04
(199)	Byblis	5.22	0.15
(1981)	Midas	5.22	0.65-0.87
(1620)	Geographos	5.223	1.10-2.03
(130)	Elektra	5.225	0.19-0.58
	1996 JA1	5.227	0.8
(1520)	Imatra	5.23	0.35
(513)	Centesima	5.23	0.45
(5515)	1989 EL1	5.23	0.58
(6317)	Dreyfus	5.25	1.05
(433)	Eros	5.27	0.04-1.49
(1373)	Cincinnati	5.28	0.14
(1257)	Mora	5.28	0.43
(1747)	Wright	5.2896	0.61
(1046)	Edwin	5.292	0.16
(26760)	2001 KP41	5.299	0.24
	2003 AK18	5.3	0.19
(1675)	Simonida	5.3	0.26
(1695)	Walbeck	5.3	0.34
(84922)	2003 VS2	5.3	0.6
(616)	Elly	5.301	0.34
(1951)	Lick	5.3016	0.17-0.27
(2140)	Kemerovo	5.308	0.2
(1523)	Pieksamaki	5.3203	0.47
(4)	Vesta	5.342	0.12
(6911)	Nancygreen	5.342	0.52
(5240)	Kwasan	5.35	0.48
(966)	Muschi	5.355	0.31
(75)	Eurydike	5.357	0.12
(126)	Velleda	5.364	0.07-0.22
(8589)	Stellaris	5.37	0.7

ordered by period

(416)	Vaticana	5.372	0.17-0.38
(216)	Kleopatra	5.385	0.13-1.18
(29)	Amphitrite	5.39	0.01-0.15
(957)	Camelia	5.391	0.32
(88115)	2000 WD116	5.397	0.45
(5925)	1994 CP1	5.4	0.54
(4191)	Assesse	5.4	>0.45
(7560)	Spudis	5.402	0.17
(2036)	Sheragul	5.41	0.6
	1998 XS16	5.4211	1.3
(4422)	Jarre	5.428	0.12
(5357)	1992 EL	5.431	0.66
(3247)	Di Martino	5.445	0.51
(1403)	Idelsonia	5.458	>0.1
	1995 FX	5.46	0.2
(2001)	Einstein	5.47	0.68
(6455)	1992 HE	5.471	0.03-0.09
(620)	Drakonia	5.485	0.52
(2114)	Wallenquist	5.486	0.22
(7358)	Oze	5.488	0.22
(888)	Parysatis	5.49	0.23
	1999 MN	5.495	0.77
(339)	Dorothea	5.5	0.1
(2703)	Rodari	5.5	0.2
(1267)	Geertruida	5.5	0.5
(1225)	Ariane	5.5068	0.30-0.36
(2653)	Principia	5.5228	0.5
(31)	Euphrosyne	5.531	0.09-0.13
(6500)	Kodaira	5.533	0.8
(359)	Georgia	5.533	0.22-0.54
(661)	Cloelia	5.536	0.28
(7474)	1992 TC	5.54	0.07
(1291)	Phryne	5.55	0.86
(121)	Hermione	5.551	0.07-0.45
(604)	Tekmessa	5.5596	0.52
(590)	Tomyris	5.562	0.21
(840)	Zenobia	5.565	0.2
(1132)	Hollandia	5.568	0.35
(494)	Virtus	5.57	0.12
(1723)	Klemola	5.57	0.22
(1219)	Britta	5.575	0.56-0.70
(811)	Nauheima	5.58	0.2
(21056)	1991 CA1	5.584	0.1
(512)	Taurinensis	5.585	0.14-0.35
	2005 CR37	5.6	1.1
(160)	Una	5.61	0.14
(36183)	1999 TX16	5.6121	1.3
(14376)	1989 ST10	5.614	0.64
(2156)	Kate	5.62	0.6
(52)	Europa	5.633	0.09-0.20
(1014)	Semphyra	5.636	0.12
(1059)	Mussorgskia	5.636	0.21
(28271)	1999 CK16	5.64	0.06-0.17

ordered by period

(883)	Matterania	5.64	0.36-0.42
(1275)	Cimbria	5.649	0.39-0.57
(572)	Rebekka	5.65	0.3
(69)	Hesperia	5.6552	0.12-0.20
(1147)	Stavropolis	5.66	0.42
(2251)	Tikhov	5.67	0.39
(12989)	1981 EV9	5.67	0.79
(563)	Suleika	5.69	0.13-0.21
(45)	Eugenia	5.699	0.08-0.41
(3103)	Eger	5.7059	0.72-0.90
(209)	Dido	5.7366	0.17-0.25
(174)	Phaedra	5.744	0.38
	2001 JM1	5.7516	0.15
(6050)	Miwablock	5.7566	0.28
(43)	Ariadne	5.762	0.13-0.66
(2365)	Interkosmos	5.78	0.23
(984)	Gretia	5.781	0.4-0.63
(3536)	Schleicher	5.79	0.94
(1063)	Aquilegia	5.791	0.73-0.93
(1087)	Arabis	5.794	0.14
(5635)	Cole	5.794	0.27
(84)	Klio	5.8	0.04
(1071)	Brita	5.8	0.38
(1789)	Dobrovolsky	5.8	0.7
(719)	Albert	5.801	0.74-0.94
(5332)	1990 DA	5.803	0.35
(31669)	1999 JT6	5.806	0.07-0.27
(2426)	Simonov	5.811	0.4
(4490)	Bamberg	5.815	0.9
(1316)	Kasan	5.83	0.26
(1522)	Kokkola	5.83	0.29
(4577)	Chikako	5.83	0.55
(762)	Pulcova	5.839	0.3
(812)	Adele	5.859	0.69
(6897)	Tabei	5.862	0.43
(1719)	Jens	5.867	0.5
(2151)	Hadwiger	5.872	0.35
(600)	Musa	5.886	0.28
(771)	Libera	5.892	0.53-0.57
(1506)	Xosa	5.9	0.28
(2368)	Beltrovata	5.9	0.84
(7660)	1993 VM1	5.916	0.32
(2060)	Chiron	5.918	0.04-0.09
(694)	Ekard	5.922	0.15-0.50
(1601)	Patry	5.923	0.17
(631)	Philippina	5.923	0.06-0.58
(1016)	Anitra	5.93	0.30-0.50
(549)	Jessonnda	5.938	0.1
(994)	Otthild	5.95	0.09-0.14
(770)	Bali	5.951	0.55
(6569)	1993 MO	5.959	0.98
(79)	Eurynome	5.978	0.05-0.24
(7757)	1990 KO	5.98	0.11

ordered by period

(2784)	Domeyko	5.98	0.15
(93)	Minerva	5.982	0.04-0.10
(41)	Daphne	5.988	0.16-0.38
(17511)	1992 QN	5.9902	1.1
(24814)	1994 VW1	6	0.06
(1748)	Mauderli	6	0.12
(1453)	Fennia	6	0.13
(1376)	Michelle	6	0.19
(3352)	McAuliffe	6	0.2
(1350)	Rosselia	6	0.3
(1013)	Tombecka	6	0.44
(2829)	Bobhope	6	0.5
(8013)	Gordonmoore	6	0.5
(1148)	Rarahu	6	0.55
(254)	Augusta	6	0.56
(5261)	Eureka	6	>0.15
(332)	Siri	6.003	0.1
(24654)	Fossett	6.004	0.8
(4509)	Gorbatskij	6.006	0.35-0.81
	2004 FF29	6.009	0.6
(1641)	Tana	6.01	0.33
(1175)	Margo	6.0138	0.31
(91)	Aegina	6.025	0.15
(5604)	1992 FE	6.026	0.1
(1308)	Halleria	6.028	0.17
(6489)	Golevka	6.0297	0.28-1.03
(88)	Thisbe	6.0413	0.08-0.21
(2867)	Steins	6.049	0.3
(401)	Otilia	6.049	0.11-0.24
(5046)	Carletonmoore	6.05	0.21
(787)	Moskva	6.0556	0.47-0.60
	2000 JG5	6.0562	0.9
(1067)	Lunaria	6.057	0.13-0.27
(1469)	Linzia	6.067	0.42
(700)	Auravictrix	6.075	0.42
(15)	Eunomia	6.083	0.4-0.56
(4015)	Wilson-Harrington	6.1	0.2
	2001 KA67	6.1	0.2
(775)	Lumiere	6.104	0.26
(6536)	Vysochinska	6.109	0.53
(2094)	Magnitka	6.1124	0.86
(2228)	Soyuz-Apollo	6.12	0.4
(1998)	Titius	6.13	0.2
(2659)	Millis	6.132	0.53
(1580)	Betulia	6.1384	0.21-0.65
(3767)	DiMaggio	6.14	0.4
(5104)	Skripnichenko	6.14	>0.21
(5647)	1990 TZ	6.144	0.45
(1068)	Nofretete	6.15	0.04
(23429)	1981 EO35	6.15	0.12
(2903)	Zhuhai	6.152	0.53
(1084)	Tamariwa	6.153	0.27
(173)	Ino	6.163	0.04-0.11

ordered by period

(24891)	1997 AT2	6.171	0.98
(1924)	Horus	6.183	0.19
(360)	Carlova	6.188	0.30-0.49
	2002 LV	6.195	0.94
(3686)	Antoku	6.2	0.2
	1999 PJ1	6.2013	1.1
(463)	Lola	6.206	0.2
(12559)	1998 QB69	6.21	0.18
(4736)	Johnwood	6.21	0.83
(444)	Gyptis	6.214	0.15
(639)	Latona	6.22	0.35
(3511)	Tsvetaeva	6.2279	0.87
	1999 SM5	6.23	0.77-0.95
(899)	Jokaste	6.245	0.28
(152)	Atala	6.246	0.38-0.50
(5646)	1990 TR	6.25	0.19
(3106)	Morabito	6.26	0.27
(4341)	Poseidon	6.262	0.08
(1297)	Quadea	6.267	0.36
(2953)	Vysheslavia	6.2945	0.09-0.17
(1166)	Sakuntala	6.3	0.4
(3253)	Gradie	6.3	0.54
(1687)	Glarona	6.3	0.75
(686)	Gersuind	6.313	0.37
(276)	Adelheid	6.32	0.07-0.18
(1196)	Sheba	6.32	0.21-0.28
(1528)	Conrada	6.321	0.49
(1799)	Koussevitzky	6.325	0.25
(22099)	2000 EX106	6.334	0.4
(218)	Bianca	6.337	0.11-0.24
(20000)	Varuna	6.3436	0.41
(1817)	Katanga	6.35	0.22
(100756)	1998 FM5	6.35	1
(365)	Corduba	6.354	0.2
(1847)	Stobbe	6.37	0.27
(459)	Signe	6.38	0.25
(75747)	2000 AX153	6.38	0.28
(34817)	2001 SE116	6.382	0.75
(383)	Janina	6.4	0.17
(453)	Tea	6.4	0.37
(45646)	2000 EE45	6.4	0.4
(2293)	Guernica	6.413	0.47
(1648)	Shajna	6.414	0.65
(282)	Clorinde	6.42	0.09
(343)	Ostara	6.42	0.23
(44)	Nysa	6.422	0.22-0.55
(7336)	Saunders	6.423	0.2-0.3
(1603)	Neva	6.4249	0.2
(689)	Zita	6.425	0.5
(585)	Bilkis	6.442	0.38
(2099)	Opik	6.443	0.21
(184)	Dejopeja	6.455	0.25-0.3
(750)	Oskar	6.47	0.07

ordered by period

(2078)	Nanking	6.47	0.8
(3169)	Ostro	6.483	0.42-0.80
(228)	Agathe	6.484	0.27
(492)	Gismonda	6.488	0.1
(27973)	1997 TR25	6.497	0.3
(278)	Paulina	6.497	0.41
(15820)	1994 TB	6.5	0.3
(86450)	2000 CK33	6.51	1
(11405)	1999 CV3	6.511	0.5-0.79
(18487)	1996 AU3	6.512	0.72
(190)	Ismene	6.52	0.12-0.15
(3227)	Hasegawa	6.536	0.34
(8417)	Lancetaylor	6.538	0.8
(197)	Arete	6.54	0.1
(327)	Columbia	6.55	0.2
(1192)	Prisma	6.558	0.85
(17864)	1998 KK38	6.56	0.17
(2111)	Tselina	6.564	0.17
(592)	Bathseba	6.571	0.32
(381)	Myrrha	6.572	0.35
	2001 MF1	6.572	1.2
(5940)	Feliksobolev	6.578	0.23
(4507)	1990 FV	6.58	0.4
(757)	Portlandia	6.58	0.24-0.45
(193)	Ambrosia	6.581	0.53
(65784)	1995 UF4	6.592	0.1
(229)	Adelinda	6.6	0.04-0.30
(1471)	Tornio	6.6	0.07-0.20
(10518)	1990 MC	6.613	0.08
(3254)	Bus	6.62	0.31
(3693)	Barringer	6.626	0.54
(1294)	Antwerpia	6.63	0.4
(1490)	Limpopo	6.647	0.15
(79983)	1999 DF9	6.65	0.4
(4436)	1983 EX	6.656	0.4
(1568)	Aisleen	6.68	0.41
(1631)	Kopff	6.683	0.41
(1285)	Julietta	6.7	0.07
(1576)	Fabiola	6.7	0.2
(736)	Harvard	6.7	0.32
(1590)	Tsiolkovskaja	6.7	0.4
(19356)	1997 GH3	6.714	0.74
(16706)	Svojsik	6.72	0.07
(3557)	Sokolsky	6.725	0.19
(325)	Heidelberga	6.737	0.2
(40921)	1999 TR171	6.74	0.35
(825)	Tanina	6.746	0.48
(38628)	Huya	6.75	<0.06
(773)	Irmintraud	6.7514	0.1
(2494)	Inge	6.76	0.92
(1826)	Miller	6.773	0.06
(1321)	Majuba	6.78	>0.43
(3512)	Eriepa	6.7824	0.35

ordered by period

(5603)	Rausudake	6.79	0.3
(1256)	Normannia	6.8	0.06
(4150)	Starr	6.8	>0.22
(1177)	Gonnessia	6.81	0.11
(1865)	Cerberus	6.81	1.48-2.10
(300)	Geraldina	6.818	0.32
(2957)	Tatsuo	6.8191	0.53
(331)	Etheridgea	6.82	0.05
(20255)	1998 FX2	6.826	0.15-0.22
(1027)	Aesculapia	6.83	0.15
(3909)	Gladys	6.83	0.15
(214)	Aschera	6.835	0.22
(28887)	2000 KQ58	6.8444	0.51
(1158)	Luda	6.863	0.15-0.22
(4451)	Grieve	6.864	0.8
(400)	Ducrosa	6.87	0.62
(85)	Io	6.8751	0.15
(2453)	Wabash	6.878	0.67
(3267)	Glo	6.8782	0.33
(283)	Emma	6.888	0.31
	2000 SS164	6.8939	0.86
(758)	Mancunia	6.902	0.15
(289)	Nenetta	6.902	0.18
(1362)	Griqua	6.907	0.25
(624)	Hektor	6.921	0.1-1.1
(105140)	2000 NL10	6.927	0.47
(1517)	Beograd	6.943	0.18
(6146)	Adamkrafft	6.964	0.18
(1425)	Tuorla	6.967	0.35
(374)	Burgundia	6.972	0.18
	1989 UP	6.98	1.16
(65706)	1992 NA	6.992	0.37
(714)	Ulula	6.998	0.55
(298)	Baptistina	7	0.12
	2002 GD11	7	0.15
(2167)	Erin	7	0.3
(222)	Lucia	7	0.33
(1793)	Zoya	7	0.4
(1858)	Lobachevskij	7	0.48
	2003 MS2	7	0.5
(6510)	Tarry	7	0.54
(2433)	Sootiyo	7	0.57
(32929)	1995 QY9	7	0.6
(50203)	2000 AH203	7	0.9
(911)	Agamemnon	7	0.07-0.4
(1992)	Galvarino	7.004	0.6
(6410)	Fujiwara	7.0073	0.85
(379)	Huenna	7.022	0.09
(54)	Alexandra	7.024	0.10-0.31
(863)	Benkoela	7.03	0.05
(14761)	6608 P-L	7.03	0.27
(417)	Suevia	7.034	0.2
(656)	Beagle	7.035	0.9-1.2

ordered by period

(1604)	Tombaugh	7.04	0.2
(951)	Gaspra	7.042	0.2-1
(13)	Egeria	7.045	0.12
(1317)	Silvretta	7.048	0.3
(342)	Endymion	7.05	0.15
(5878)	Charlene	7.0584	0.2
(1617)	Alschmitt	7.061	0.39-0.52
(2429)	Schurer	7.07	0.28
(454)	Mathesis	7.075	0.28
(1533)	Saimaa	7.08	0.18
(3578)	Carestia	7.08	0.25
(1319)	Disa	7.08	0.26
(1547)	Nele	7.081	0.3
(734)	Benda	7.106	0.27
(402)	Chloe	7.111	0.2
(8176)	1991 WA	7.111	0.99
(471)	Papagena	7.113	0.11-0.13
(7)	Iris	7.139	0.04-0.29
(1098)	Hakone	7.142	0.39
(975)	Perseverantia	7.158	0.17
(573)	Recha	7.165	0.22
(545)	Messalina	7.2	0.22
(872)	Holda	7.2	0.34
(996)	Hilaritas	7.2	0.69
(430)	Hybris	7.205	0.54
(3)	Juno	7.21	0.14-0.22
(94)	Aurora	7.22	0.12
(5080)	Oja	7.222	0.38
(78)	Diana	7.225	0.02-0.14
(165)	Loreley	7.226	0.04-0.15
(1263)	Varsavia	7.231	0.15
(115)	Thyra	7.241	0.14-0.20
(2642)	Vesale	7.246	0.39
(1980)	Tezcatlipoca	7.2523	0.72
(5641)	McCleese	7.268	0.06
(6)	Hebe	7.2745	0.05-0.20
(1709)	Ukraina	7.28	0.62
(8034)	Akka	7.283	0.46
	1998 WU24	7.283	0.54
(161)	Athor	7.288	0.1-0.27
(973)	Aralia	7.29	0.25
(1079)	Mimosa	7.3	0.1
(2253)	Espinette	7.3	0.48
(2097)	Galle	7.31	0.4
(10115)	1992 SK	7.319	0.72-1.03
(1301)	Yvonne	7.32	0.6
(10783)	1991 RB9	7.33	0.26
(37)	Fides	7.3335	0.10-0.25
(1076)	Viola	7.336	0.12
(528)	Rezia	7.337	0.36-0.38
(607)	Jenny	7.344	0.22
(591)	Irmgard	7.35	0.26
(334)	Chicago	7.35	0.15-0.67

ordered by period

(4631)	Yabu	7.356	0.44
(225)	Henrietta	7.356	0.16-0.29
(6743)	Liu	7.364	0.4
(945)	Barcelona	7.365	0.09-0.13
(348)	May	7.385	0.14
(687)	Tinette	7.395	0.33
(17383)	1981 EE12	7.4	0.07
(807)	Ceraskia	7.4	0.25
(2474)	Ruby	7.418	0.16
(813)	Baumeia	7.44	0.02
(279)	Thule	7.44	0.06
(3687)	Dzus	7.44	0.1
(19)	Fortuna	7.4432	0.19-0.35
(1863)	Antinous	7.4568	0.14-0.23
(7977)	1977 QQ5	7.457	0.57
(2052)	Tamriko	7.462	0.11
(267)	Tirza	7.468	0.18-0.4
(4055)	Magellan	7.475	0.46
(3178)	Yoshitsune	7.478	0.53
(411)	Xanthe	7.48	>0.23
(352)	Gisela	7.49	0.13-0.58
(516)	Amherstia	7.49	0.15-0.48
(1477)	Bonsdorffia	7.5	0.01
(2895)	Memnon	7.5	0.24
(952)	Caia	7.51	0.13
(1708)	Polit	7.52	0.3
(311)	Claudia	7.532	0.16-0.89
(5682)	Beresford	7.536	0.2
(16403)	1984 WJ1	7.5391	0.14
(4162)	SAF	7.54	0.16
(5858)	Borovitskia	7.553	0.18-0.40
(5968)	Trauger	7.56	0.1
	1997 GL3	7.572	0.28
	2000 FV53	7.58	0.07
(287)	Nephtys	7.603	0.2
(4457)	Van Gogh	7.606	0.11
(1129)	Neujmina	7.61	0.06
(13014)	Hasslacher	7.62	0.21
(7467)	1989 WQ1	7.633	0.4
(1054)	Forsytia	7.65	0.23
(776)	Berbericia	7.668	0.11-0.21
(175)	Andromache	7.668	0.21-0.34
(69880)	1998 SQ81	7.68	0.08
(85989)	1999 JD6	7.68	0.7-1.2
(3776)	Vartiovuori	7.7	0.12
(340)	Eduarda	7.7	0.17
(3552)	Don Quixote	7.7	>0.41
(4547)	Massachusetts	7.703	0.29
(2612)	Kathryn	7.71	0.44
(675)	Ludmilla	7.7172	0.17-0.38
(65679)	1989 UQ	7.733	0.27
(376)	Geometria	7.734	0.14-0.18
(544)	Jetta	7.745	0.44-0.52

ordered by period

(796)	Sarita	7.75	0.29
(640)	Brambilla	7.768	0.25
(42600)	1997 YF10	7.7712	0.9
(4224)	Susa	7.78	0.21
(2270)	Yazhi	7.78	0.32
(118)	Peitho	7.78	0.08-0.33
(51)	Nemausa	7.783	0.10-0.14
(746)	Marlu	7.787	0.23
(4587)	Rees	7.7886	0.78
(268)	Adorea	7.8	0.15-0.20
(3445)	Pinson	7.801	0.3
(2)	Pallas	7.8132	0.03-0.16
(1223)	Neckar	7.821	0.16-0.45
(1310)	Villigera	7.83	0.39
(147)	Protogeneia	7.853	0.25
(676)	Melitta	7.87	0.2
(1017)	Jacqueline	7.87	0.6
(2038)	Bistro	7.88	0.1
(925)	Alphonsina	7.88	0.17-0.31
(1204)	Renzia	7.885	0.42
(829)	Academia	7.891	0.44
(307)	Nike	7.902	0.16
(917)	Lyka	7.92	0.14
(19308)	1996 TO66	7.92	0.26
(660)	Crescentia	7.92	0.33
(891)	Gunhild	7.93	0.18
(490)	Veritas	7.93	0.33
(1165)	Imprinetta	7.9374	0.2
(155)	Scylla	7.958	0.12
(1325)	Inanda	8	0.04
(1329)	Eliane	8	0.08
(2415)	Ganesa	8	0.15
(721)	Tabora	8	0.19
(1374)	Isora	8	0.2
(2794)	Kulik	8	0.22
	1998 VO33	8	0.24
(2204)	Lyyli	8	0.5
(2608)	Seneca	8	0.5
(1419)	Danzig	8	0.92
(261)	Prymno	8.002	0.17
(1853)	McElroy	8.01	0.2
(2207)	Antenor	8.01	0.18-0.31
(1305)	Pongola	8.03	0.18
(213)	Lilaea	8.045	0.07
(1572)	Posnania	8.048	0.32-0.38
(6475)	Refugium	8.07	0.45-0.70
(24835)	1995 SM55	8.08	0.19
(72)	Feronia	8.097	0.11
(20)	Massalia	8.098	0.17-0.27
(145)	Adeona	8.1	0.08
(1674)	Groeneveld	8.1	0.19
(3455)	Kristensen	8.111	0.38
(570)	Kythera	8.12	0.15-0.18

ordered by period

(522)	Helga	8.126	0.27
(150)	Nuwa	8.14	0.09
(1927)	Suvanto	8.164	0.63
(21)	Lutetia	8.1655	0.08-0.25
(934)	Thuringia	8.166	0.66
(317)	Roxane	8.169	0.61
(1434)	Margot	8.17	0.52
(4431)	Holeungholee	8.17	0.52
(6153)	Hershey	8.174	0.14
(505)	Cava	8.1789	0.15-0.23
(731)	Sorga	8.184	0.52
(576)	Emanuela	8.192	0.06
(857)	Glasenappia	8.23	0.27-0.35
(642)	Clara	8.231	0.26
	2004 BW18	8.25	0.21
(432)	Pythia	8.252	0.14
(713)	Luscinia	8.28	0.21
(1288)	Santa	8.28	0.46
(260)	Huberta	8.29	0.22-0.27
	2004 TR14	8.292	0.47
(73)	Klytia	8.297	0.82
(468)	Lina	8.3	0.1
(3155)	Lee	8.312	0.22
(47932)	2000 GN171	8.329	0.61
(3139)	Shantou	8.33	0.34
(32532)	Thereus	8.335	0.18
(196)	Philomela	8.343	0.07-0.37
(937)	Bethgea	8.356	0.16
(9566)	Rykhlova	8.359	0.84
(702)	Alauda	8.36	0.07-0.10
(3623)	Chaplin	8.361	0.97
	2002 EX12	8.369	0.6
(3094)	Chukokkala	8.3711	0.33
(24)	Themis	8.374	0.09-0.14
(313)	Chaldaeaa	8.392	0.12-0.22
(1369)	Ostanina	8.397	0.82
	2003 BG91	8.4	0.18
(3915)	Fukushima	8.4	0.64
(135)	Hertha	8.4006	0.12-0.30
(363)	Padua	8.401	0.16
	2004 XO14	8.4172	0.19
	1995 EK1	8.444	0.45
(73480)	2002 PN34	8.45	0.18
	2002 JR9	8.452	0.25
(679)	Pax	8.452	0.07-0.32
(1960)	Guisan	8.46	0.52
(2674)	Pandarus	8.48	0.58
(3982)	Kastel	8.488	0.27
(11066)	Sigurd	8.4958	1.02
(377)	Campania	8.507	0.16
(3974)	Verveer	8.51	0.22
(798)	Ruth	8.53	0.36
(389)	Industria	8.53	0.18-0.34

ordered by period

(392)	Wilhelmina	8.54	0.11
(284)	Amalia	8.545	0.15
	1990 HA	8.55	>0.09
(1742)	Schaifers	8.56	1.46
(1107)	Lictoria	8.561	0.16-0.30
(1864)	Daedalus	8.572	0.88-1.04
(372)	Palma	8.591	0.10-0.16
(959)	Arne	8.6	0.24
(316)	Goberta	8.605	0.2
(74)	Galatea	8.629	0.09
(683)	Lanzia	8.63	0.12
(1286)	Banachiewiczza	8.63	0.54
(690)	Wratistavia	8.64	0.09-0.20
(462)	Eriphyla	8.64	0.14-0.25
(795)	Fini	8.641	0.05
(368)	Haidea	8.642	0.15
(6517)	1990 BW	8.642	0.64
(1069)	Planckia	8.643	0.17
(12)	Victoria	8.6599	0.08-0.33
(1386)	Storeria	8.67	1.4
	1994 CB	8.676	0.9
(95)	Arethusa	8.688	0.24
	2003 FG	8.692	1.4
(1261)	Legia	8.693	0.13
	2000 XG47	8.71	0.15-0.6
(704)	Interamnia	8.727	0.03-0.11
(909)	Ulla	8.73	0.08-0.24
(5849)	1990 HF1	8.733	0.6
(306)	Unitas	8.74	0.23-0.34
(64)	Angelina	8.752	0.04-0.44
(8567)	1996 HW1	8.7573	0.25
(5108)	Lubeck	8.769	0.43
(536)	Merapi	8.78	0.38
(1005)	Arago	8.7819	0.22
(1562)	Gondolatsch	8.782	0.3
(1662)	Hoffmann	8.784	0.25
(406)	Erna	8.789	0.34
(87684)	2000 SY2	8.8	0.1
(1753)	Mieke	8.8	0.2
(936)	Kunigunde	8.8	0.25
(466)	Tisiphone	8.824	0.11
(1693)	Hertzsprung	8.825	0.45
(438)	Zeuxo	8.831	0.13
(1116)	Catriona	8.832	0.10-0.20
(35671)	1998 SN165	8.84	0.16
(1241)	Dysona	8.856	0.25
(238)	Hypatia	8.86	0.12-0.15
(10578)	1995 LH	8.861	0.18
(4896)	Tomoegozen	8.869	0.65
(8405)	Asbolus	8.87	0.34
(1360)	Tarka	8.87	0.82
(564)	Dudu	8.882	0.43-0.55
(404)	Arsinoe	8.887	0.27-0.36

ordered by period

(785)	Zwetana	8.8882	0.13-0.18
(7776)	Takeishi	8.9	0.05
(641)	Agnes	8.9	0.18
(3431)	Nakano	8.9	0.25
(3638)	Davis	8.9	0.4
(2313)	Aruna	8.9	0.79
(5877)	1990 FP	8.91	0.09
(8189)	Naruke	8.91	0.36
(40)	Harmonia	8.91	0.15-0.36
(720)	Bohlinia	8.919	0.17-0.46
(292)	Ludovica	8.93	0.45
(1238)	Predappia	8.94	0.03
(3540)	Protesilaos	8.945	0.13
(2893)	Peiroos	8.96	0.3
(692)	Hippodamia	8.98	0.5
(104)	Klymene	8.984	0.3
(1008)	La Paz	8.998	0.19
(9262)	Bordovitsyna	9	0.08
(2714)	Matti	9	0.25
(19255)	1994 VK8	9	0.42
(500)	Selinur	9	>0.10
(886)	Washingtonia	9.001	0.12
(3757)	1982 XB	9.0046	0.2
(77)	Frigga	9.012	0.07-0.19
(489)	Comacina	9.02	0.33
(2744)	Birgitta	9.02	0.4
(409)	Aspasia	9.02	0.10-0.14
(9527)	1981 EH23	9.05	0.2
(1941)	Wild	9.05	0.36
(85490)	1997 SE5	9.0583	0.23
(1207)	Ostenia	9.073	0.5-0.7
(1)	Ceres	9.075	0.04
(1035)	Amata	9.081	0.44
(701)	Oriola	9.09	0.2
(431)	Nephele	9.102	0.02-0.13
(547)	Praxedis	9.105	0.04
(6361)	1978 VL11	9.1122	0.67
(117)	Lomia	9.127	0.29
(399)	Persephone	9.136	0.4
(54598)	Bienor	9.14	0.75
(364)	Isara	9.155	0.4
(350)	Ornamenta	9.17	0.2
(792)	Metcalfia	9.17	0.62
(17556)	1993 WB	9.17	0.7
(11457)	1981 EF12	9.18	0.26
(1508)	Kemi	9.196	0.34
	1995 FJ	9.2	0.3
(583)	Klotilde	9.21	0.18
(62)	Erato	9.2213	0.12-0.15
(264)	Libussa	9.238	0.03-0.22
(3259)	Brownlee	9.24	0.16
	2000 NM	9.24	0.25-0.42
(2103)	Laverna	9.249	0.22

ordered by period

(517)	Edith	9.274	0.12-0.18
(1524)	Joensuu	9.276	0.33
(63)	Ausonia	9.2976	0.15-0.95
(853)	Nansenia	9.31	0.13
(1892)	Lucienne	9.31	0.42
	2001 SE286	9.323	0.4
(540)	Rosamunde	9.336	0.53
(851)	Zeissia	9.34	0.38-0.53
(3712)	Kraft	9.341	1.2
(16834)	1997 WU22	9.345	0.38
(756)	Lilliana	9.362	0.56-0.9
(2647)	Sova	9.37	0.3
(1585)	Union	9.38	0.22
(224)	Oceana	9.385	0.1
(860)	Ursina	9.386	0.22
(621)	Werdandi	9.396	>0.4
(895)	Helio	9.396	0.11-0.23
(747)	Winchester	9.402	0.08-0.13
(532)	Herculina	9.405	0.08-0.18
(2241)	Alcathous	9.41	0.21-0.28
(479)	Caprera	9.4277	0.12-0.29
(11)	Parthenope	9.43	0.05-0.12
(1384)	Kniertje	9.44	0.13
(32)	Pomona	9.448	0.13-0.30
(1202)	Marina	9.45	0.22
(323)	Brucia	9.46	0.23-0.36
(2209)	Tianjin	9.47	0.42
(1000)	Piazza	9.47	0.45
(534)	Nassovia	9.47	0.15-0.37
(580)	Selene	9.473	0.27
(526)	Jena	9.474	0.27
(1987)	Kaplan	9.49	0.46
(5035)	Swift	9.5	0.32
(5702)	Morando	9.5	0.62
(388)	Charybdis	9.516	0.18
(1628)	Strobel	9.52	0.19
(986)	Amelia	9.52	0.43
(599)	Luisa	9.566	0.18
	2003 AJ73	9.5708	0.96
(971)	Alsatia	9.6	0.21
(205)	Martha	9.637	0.25
(1284)	Latvia	9.644	0.21
(447)	Valentine	9.651	0.18
(1928)	Summa	9.66	>0.14
(1330)	Spiridonia	9.67	0.16
(1108)	Demeter	9.7	0.12-0.15
(451)	Patientia	9.727	0.05-0.10
(66)	Maja	9.733	0.45
(976)	Benjamina	9.746	0.18
(1534)	Nasi	9.75	0.22
(1467)	Mashona	9.76	0.24
(386)	Siegena	9.763	0.11
(142)	Polana	9.764	0.11

ordered by period

(4045)	Lowengrub	9.764	0.4
(1140)	Crimea	9.77	0.3
(472)	Roma	9.8007	0.4
(2791)	Paradise	9.81	0.25
(103067)	1999 XA143	9.849	0.49
(753)	Tiflis	9.85	0.35-0.8
(1214)	Richilde	9.86	0.32
(151)	Abundantia	9.864	0.03-0.19
(638)	Moira	9.875	0.31
(889)	Erynia	9.89	0.66
(58)	Concordia	9.895	0.1
(593)	Titania	9.899	0.26
(124)	Alkeste	9.921	0.15
(36)	Atalante	9.93	0.15-0.17
(113)	Amalthea	9.935	0.19-0.26
(25)	Phocaea	9.945	0.18
(2725)	David Bender	9.956	0.37
(1503)	Kuopio	9.958	0.69-1.01
(333)	Badenia	9.96	0.3
(76)	Freia	9.972	0.10-0.33
(5145)	Pholus	9.98	0.15-0.60
(3116)	Goodricke	10	0.09
(1556)	Wingolfia	10	0.15
(3115)	Baily	10	0.17
(578)	Happelia	10	0.2
	2002 TH267	10	0.2
(905)	Universitas	10	0.22
(633)	Zelima	10	>0.26
(1591)	Baize	10	>0.26
(523)	Ada	10.03	0.60-0.70
(123)	Brunhild	10.04	0.16
(258)	Tyche	10.041	0.4
(2058)	Roka	10.044	0.34
(670)	Ottegebe	10.045	0.35
(559)	Nanon	10.061	0.88
(944)	Hidalgo	10.063	0.31-0.60
(2448)	Sholokhov	10.065	0.63
(32755)	1981 EP15	10.07	0.15
(542)	Susanna	10.0747	0.12
(405)	Thia	10.08	0.15
	1999 FA	10.092	1.2
(978)	Aidamina	10.099	0.13
(138)	Tolosa	10.101	0.4
(83)	Beatrix	10.16	0.18-0.27
(20236)	1998 BZ7	10.182	0.17
(1685)	Toro	10.196	0.6-1.25
(1946)	Walraven	10.223	0.6
(743)	Eugenisis	10.23	0.2
(22753)	1998 WT	10.24	0.11
(663)	Gerlinde	10.24	0.28
(535)	Montague	10.2482	0.25
(90377)	Sedna	10.273	0.02
(312)	Pierretta	10.282	0.32

ordered by period

(212)	Medea	10.283	0.08
(1036)	Ganymed	10.31	0.10-0.45
(1012)	Sarema	10.32	0.81
(3022)	Dobermann	10.32	0.85
(99)	Dike	10.35	0.1-0.25
(839)	Valborg	10.366	0.14
(2088)	Sahlia	10.37	0.12
(790)	Pretoria	10.37	0.08-0.16
(198)	Ampella	10.383	0.22
(546)	Herodias	10.4	0.07
(562)	Salome	10.4	0.14
(5738)	Billpickering	10.4	0.45
(27)	Euterpe	10.41	0.15-0.21
(49)	Pales	10.42	0.15-0.20
(221)	Eos	10.436	0.04-0.11
(1514)	Ricouxa	10.438	0.62
(1504)	Lappeenranta	10.44	0.29
(441)	Bathilde	10.447	0.13
(1482)	Sebastiana	10.45	0.7
(2839)	Annette	10.457	0.92
(1048)	Feodosia	10.46	0.14
(691)	Lehigh	10.482	0.12
(502)	Sigune	10.5	0.35
(13765)	Nansmith	10.51	0.07
(4423)	Golden	10.51	0.17
(893)	Leopoldina	10.51	0.35
(987)	Wallia	10.523	0.36
(817)	Annika	10.56	0.27
(816)	Juliana	10.58	0.52
(5892)	Milesdavis	10.59	0.26
(506)	Marion	10.599	0.23-0.35
(26)	Proserpina	10.6	0.15
(873)	Mechthild	10.6	0.33
(586)	Thekla	10.63	0.24
(484)	Pittsburghia	10.63	0.33
(1252)	Celestia	10.636	0.26
(6159)	1991 YH	10.639	0.78
(240)	Vanadis	10.64	0.3
(187)	Lamberta	10.663	0.32
(122)	Gerda	10.685	0.26
(295)	Theresia	10.7	0.15
(9936)	1986 PN4	10.704	0.14
(543)	Charlotte	10.718	0.23
(760)	Massinga	10.72	0.14
(371)	Bohemia	10.739	0.15
(1444)	Pannonia	10.756	0.16
(114)	Kassandra	10.758	0.25
(664)	Judith	10.76	0.4
(344)	Desiderata	10.77	0.17
(611)	Valeria	10.8	0.09
(185)	Eunike	10.83	>0.12
(949)	Hel	10.862	0.12
(1105)	Fragaria	10.88	0.12

ordered by period

(4169)	Celsius	10.887	0.44
(110)	Lydia	10.927	0.10-0.20
(861)	Aida	10.951	0.32
(1772)	Gagarin	10.96	0.24
(4908)	Ward	10.96	0.93
(1171)	Rusthawelia	10.98	0.26
(1796)	Riga	11	0.1
(127)	Johanna	11	0.18
(143)	Adria	11	
(1906)	Naef	11.009	0.92
(420)	Bertholda	11.017	0.24-0.28
(81)	Terpsichore	11.02	0.1
(2093)	Genichesk	11.022	0.23
	2P/Encke	11.079	0.25
	2000 JQ66	11.1	0.6
(206)	Hersilia	11.11	0.13
(2054)	Gawain	11.11	0.69
(4628)	Laplace	11.11	0.31-0.48
(3754)	Kathleen	11.17	0.18
(179)	Klytaemnestra	11.173	0.35
(779)	Nina	11.186	0.25
(1346)	Gotha	11.19	0.12
(4266)	Waltari	11.2	0.45
(3674)	Erbisbuhl	11.28	0.4
(176)	Iduna	11.289	0.35
(733)	Mocia	11.35	0.29
(89)	Julia	11.387	0.10-0.25
(558)	Carmen	11.387	0.2-0.31
(14653)	1998 YV11	11.389	0.2
(36017)	1999 ND43	11.4	0.06
(1345)	Potomac	11.4	0.22
(1168)	Brandia	11.444	0.62
(61)	Danae	11.45	0.3
(3694)	Sharon	11.478	0.44-0.52
(119)	Althaea	11.484	0.36
(597)	Bandusia	11.496	0.11
(2061)	Anza	11.5	0.3
(577)	Rhea	11.5	0.31
(136)	Austria	11.5	>0.40
(1146)	Biarmia	11.514	0.32
(1712)	Angola	11.527	0.38
(18)	Melpomene	11.5714	0.22-0.35
(1605)	Milankovitch	11.6	0.12
(1173)	Anchises	11.6	0.57
(3052)	Herzen	11.605	0.89
(678)	Fredegundis	11.606	0.25
(1409)	Isko	11.644	0.23
(778)	Theobalda	11.659	0.18
(2771)	Polzunov	11.66	0.15
(5761)	Andreivanov	11.68	0.82
(265)	Anna	11.681	0.48
(40314)	1999 KR16	11.7	0.18
(1635)	Bohrmann	11.73	0.25

ordered by period

(712)	Boliviana	11.732	0.11
(754)	Malabar	11.74	0.38
(183)	Istria	11.77	0.31
(634)	Ute	11.803	0.13
(595)	Polyxena	11.806	0.42
(1266)	Tone	11.82	0.12
(455)	Bruchsalia	11.838	0.12
(3037)	Alku	11.844	0.95
(162)	Laurentia	11.87	0.28
(442)	Eichsfeldia	11.871	0.38
(748)	Simeisa	11.88	0.22
(1341)	Edmee	11.89	0.3
(48)	Doris	11.89	0.35
(684)	Hildburg	11.92	0.23
(739)	Mandeville	11.931	0.14
(1388)	Aphrodite	11.95	0.35
(1018)	Arnolda	11.97	0.42
(188)	Menippe	11.974	>0.13
(2139)	Makharadze	11.9759	0.38
(548)	Kressida	11.991	0.27
(248)	Lameia	12	0.1
(20826)	2000 UV13	12	0.1
(4659)	Roddenberry	12	0.14
(1174)	Marmara	12	0.2
(2049)	Grietje	12	0.25
(2886)	Tinkaping	12	>0.13
(1259)	Ogyalla	12	>0.3
(1186)	Turnera	12.01	>0.20
(116)	Sirona	12.028	0.42
(308)	Polyxo	12.032	0.2
(335)	Roberta	12.035	0.05-0.09
(4954)	Eric	12.056	0.66
(52762)	1998 MT24	12.066	0.4
(5234)	Sechenov	12.067	0.22
(856)	Backlunda	12.08	0.29
(8021)	Walter	12.1	0.08
(247)	Eukrate	12.1	0.1
(55636)	2002 TX300	12.101	0.08
(25143)	Itokawa	12.132	0.69-1.05
(1021)	Flammario	12.146	0.14-0.36
(34)	Circe	12.15	0.24
(5806)	Archieroy	12.16	0.34
(4209)	Briggs	12.235	0.44
(301)	Bavaria	12.24	0.24
(17)	Thetis	12.266	0.13-0.36
(403)	Cyane	12.288	0.22
(469)	Argentina	12.3	0.12
(266)	Aline	12.3	>0.05
(509)	Iolanda	12.306	0.39
(1423)	Jose	12.307	0.68
(23)	Thalia	12.3122	0.10-0.18
(178)	Belisana	12.321	0.18
(236)	Honorio	12.333	0.18

ordered by period

(732)	Tjilaki	12.34	0.19
(345)	Tercidina	12.371	0.15
(9723)	1981 EP13	12.4	1.11
(2624)	Samitchell	12.41	0.51
(1356)	Nyanza	12.422	0.28
(57)	Mnemosyne	12.463	0.12
(4294)	Horatius	12.499	0.1
(1639)	Bower	12.5	0.15
(303)	Josephina	12.502	0.12
(1337)	Gerarda	12.52	0.23
(2964)	Jaschek	12.53	0.46
(217)	Eudora	12.54	0.16
(1735)	ITA	12.599	0.26
(4215)	Kamo	12.6	0.21
(1280)	Baillauda	12.6	0.25
(33128)	1998 BU48	12.6	0.68
(553)	Kundry	12.605	0.52
(875)	Nymphe	12.638	0.46
(1450)	Raimonda	12.66	0.57
(1101)	Clematis	12.68	0.05-0.23
(667)	Denise	12.687	0.24
	2002 HK12	12.69	1.5
(133)	Cyrene	12.708	0.26
(483)	Seppina	12.727	0.28
(1127)	Mimi	12.749	0.72-0.95
(422)	Berolina	12.79	0.11
(8)	Flora	12.799	0.02-0.10
(38)	Leda	12.84	0.16
(20898)	Fountainhills	12.84	0.2
(12753)	Povenmire	12.854	0.45
(777)	Gutemberga	12.88	0.25
(100085)	1992 UY4	12.906	0.26
(464)	Megaira	12.91	0.08
(1248)	Jugurtha	12.91	0.73-0.83
(6859)	Datemasamune	12.95	0.12
(1439)	Vogtia	12.95	0.33
(3596)	Meriones	12.96	0.15
(373)	Melusina	12.97	0.2
(927)	Ratisbona	12.994	0.11
(82)	Alkmene	12.999	0.40-0.54
(2760)	Kacha	13	0.06
(1162)	Larissa	13	0.1
(784)	Pickeringia	13	0.4
(8180)	1992 PY2	13.017	0.24
(1096)	Reunerta	13.031	0.26-0.39
(8037)	1993 HO1	13.04	0.1
(726)	Joella	13.04	0.12
(551)	Ortrud	13.05	0.16
(1930)	Lucifer	13.056	0.22-0.44
(167)	Urda	13.07	0.36-0.39
(83982)	Crantor	13.14	0.14
(170)	Maria	13.14	0.24
(569)	Misa	13.154	0.24

ordered by period

(109)	Felicitas	13.191	0.06
(309)	Fraternitas	13.2	0.1
(2113)	Ehrdni	13.2	0.22
(47)	Aglaja	13.2	0.03-0.17
(1701)	Okavango	13.204	0.45
(1694)	Kaiser	13.23	0.13-0.25
(169)	Zelia	13.27	0.13-0.2
(487)	Venetia	13.28	0.05-0.30
(351)	Yrsa	13.29	0.4
(992)	Swasey	13.308	0.17
(100)	Hekate	13.333	0.11
(1200)	Imperatrix	13.34	0.23
(1400)	Tirela	13.356	0.55
(171)	Ophelia	13.4	0.16
	2003 AZ84	13.44	0.14
(2463)	Sterpin	13.44	0.25
(499)	Venusia	13.48	0.33
(6650)	Morimoto	13.49	0.24
	2002 VE68	13.5	0.8
	2003 NZ6	13.5	2
(429)	Lotis	13.577	0.24
(14257)	2000 AR97	13.584	0.66
(42)	Isis	13.597	0.29-0.32
(5661)	Hildebrand	13.61	0.21
(11728)	Einer	13.62	0.14
(192)	Nausikaa	13.622	0.20-0.40
(1282)	Utopia	13.623	0.29-0.36
(554)	Peraga	13.63	0.22
(1832)	Mrkos	13.64	0.18
(164)	Eva	13.66	0.07-0.36
(30)	Urania	13.686	0.11-0.45
(59)	Elpis	13.69	0.1
(380)	Fiducia	13.69	0.2
(336)	Lacadiera	13.7	0.27-0.34
(2856)	Roser	13.73	0.49
(1544)	Vinterhansenia	13.77	0.18
	2001 QG298	13.7744	1.14
(5288)	Nankichi	13.781	0.19
(3066)	McFadden	13.798	0.13
(144)	Vibilia	13.819	0.13
(96)	Aegle	13.82	0.12
(3893)	DeLaeter	13.83	0.2
(361)	Bononia	13.83	0.25
(69230)	Hermes	13.894	0.06
(539)	Pamina	13.903	0.1
(4608)	1988 BW3	13.944	0.08
(1309)	Hyperborea	13.95	0.4
(1240)	Centenaria	14	0.08
(2892)	Filipenko	14	0.21
(520)	Franziska	14	0.51
(80)	Sappho	14.03	0.1-0.4
(1268)	Libya	14.05	0.08
(1527)	Malmquista	14.077	0.54

ordered by period

(208)	Lacrimosa	14.085	0.31-0.35
(204)	Kallisto	14.1	0.25
(8041)	Masumoto	14.1	0.3
(737)	Arequipa	14.13	0.15
(928)	Hildrun	14.13	0.34
(653)	Berenike	14.14	0.08
(8252)	1981 EY14	14.15	0.14
(643)	Scheherezade	14.171	0.36
(1972)	Yi Xing	14.183	0.18
(326)	Tamara	14.184	0.11
(524)	Fidelio	14.195	0.22
(158)	Koronis	14.206	0.28-0.43
(177)	Irma	14.208	0.37
(4953)	1990 MU	14.218	0.68
(695)	Bella	14.222	0.35
(759)	Vinifera	14.229	0.36
(231)	Vindobona	14.244	0.18
(1167)	Dubiago	14.3	0.23
(50)	Virginia	14.31	0.15
(3125)	Hay	14.31	0.5
(481)	Emita	14.35	0.3
(245)	Vera	14.38	0.26
(302)	Clarissa	14.381	0.6
(55637)	2002 UX25	14.382	0.21
(1877)	Marsden	14.4	0.22
(954)	Li	14.415	0.11
	2001 PD1	14.58	0.12
(5580)	Sharidake	14.58	0.39
(874)	Rotraut	14.586	0.24
(636)	Erika	14.603	0.29
(3485)	Barucci	14.65	1.78
(568)	Cheruskia	14.654	0.44
(3134)	Kostinsky	14.7	0.33-0.38
(2483)	Guinevere	14.733	1.38
(2797)	Teucer	14.8	0.21
(847)	Agnia	14.827	0.45
(804)	Hispania	14.845	0.19-0.24
(68)	Leto	14.848	0.15-0.19
(31368)	1998 WW23	14.86	0.21
(491)	Carina	14.87	0.12
(1584)	Fuji	14.88	0.17
(2063)	Bacchus	14.9	0.22-0.44
(1180)	Rita	14.902	0.29
(4448)	Phildavis	14.914	0.73
(673)	Edda	14.92	0.12
	2000 RD53	14.96	0.09
(52760)	1998 ML14	14.98	0.12
(501)	Urhixidur	15	0.1
(413)	Edburga	15	0.46
(259)	Aletheia	15	0.14-0.19
(1251)	Hedera	15.015	0.41
(862)	Franzia	15.05	0.12
(1306)	Scythia	15.05	0.18

ordered by period

(270)	Anahita	15.06	0.32
(14)	Irene	15.06	0.04-0.12
(2382)	Nonie	15.085	0.42
(4660)	Nereus	15.1	0.6
(659)	Nestor	15.1	0.31-0.34
(644)	Cosima	15.13	0.16
(137)	Meliboea	15.13	0.11-0.20
(1501)	Baade	15.132	0.4
(1281)	Jeanne	15.2	0.45
(329)	Svea	15.201	0.09-0.26
(2108)	Otto Schmidt	15.242	0.09
(995)	Sternberga	15.26	0.15
(28913)	2000 OT	15.3	0.35
(1210)	Morosovia	15.3	0.53
(3761)	Romanskaya	15.317	0.34
(286)	Iclea	15.365	0.13
(1029)	La Plata	15.37	0.44-0.53
(29981)	1999 TD10	15.382	0.5
(809)	Lundia	15.4	0.35
(977)	Philippa	15.405	0.49
(1653)	Yakhontovia	15.41	0.03
(55735)	Magdeburg	15.41	0.14
(666)	Desdemona	15.45	0.11
(3167)	Babcock	15.45	0.3
(397)	Vienna	15.48	0.2
(366)	Vincentina	15.5	0.08
(421)	Zahringia	15.5	0.12
(241)	Germania	15.51	0.17
(6235)	Burney	15.515	0.6
(940)	Kordula	15.57	0.36
(1118)	Hanskya	15.61	0.18
(914)	Palisana	15.62	0.18
(921)	Jovita	15.64	0.12
(943)	Begonia	15.66	0.34
	2002 HU11	15.66	0.4
(1582)	Martir	15.665	0.36
(194)	Prokne	15.67	0.27
	1981 EC15	15.67	0.27
(838)	Seraphina	15.67	0.07-0.30
(1028)	Lydina	15.69	0.7
(28)	Bellona	15.695	0.03-0.28
(657)	Gunlod	15.7	0.2
(257)	Silesia	15.7059	0.31
(202)	Chryseis	15.74	0.08
(1529)	Oterma	15.75	0.18
(112)	Iphigenia	15.783	0.5
(102)	Miriam	15.789	0.08-0.16
(70)	Panopaea	15.797	0.12
	1997 CV29	15.8	>0.3
(2105)	Gudy	15.8	0.28-0.55
(157)	Dejanira	15.819	0.52
(596)	Scheila	15.848	0.09
(446)	Aeternitas	15.85	>0.33

ordered by period

(605)	Juvisia	15.855	0.26
(67)	Asia	15.89	0.15-0.23
(92)	Undina	15.94	0.17
(735)	Marghanna	15.95	0.11
(741)	Botolphia	16	0.4
	1989 VB	16	>0.32
	1999 LF6	16.007	0.23
(1197)	Rhodesia	16.062	0.22-0.32
(478)	Tergeste	16.105	0.22
(436)	Patricia	16.133	0.22
(628)	Christine	16.135	0.18-0.4
(163)	Erigone	16.136	0.37
(1838)	Ursa	16.141	0.8
(480)	Hansa	16.19	0.58
(305)	Gordonia	16.2	0.16
(23200)	2000 SH3	16.22	0.42
(246)	Asporina	16.222	0.22-0.40
(537)	Pauly	16.25	0.17
(106)	Dione	16.26	0.08
(1042)	Amazone	16.26	0.1
(21652)	1999 OQ2	16.29	0.75
(818)	Kapteynia	16.35	0.12
(1237)	Genevieve	16.37	0.23
(1124)	Stroobantia	16.39	0.15
(30762)	1981 ES42	16.4	0.24
(1567)	Alikoski	16.405	0.16
(5262)	Brucegoldberg	16.43	0.12
(1089)	Tama	16.44	0.38
(613)	Ginevra	16.45	0.63
(4087)	Part	16.47	0.59
(17274)	2000 LC16	16.495	0.33
(98)	Ianthe	16.5	0.32
(900)	Rosalinde	16.5	0.52
(579)	Sidonia	16.5	0.02-0.28
(394)	Arduina	16.5	0.4-0.54
(90)	Antiope	16.509	0.08-0.73
(195)	Eurykleia	16.521	0.08-0.25
(697)	Galilea	16.538	0.23
(581)	Tauntonia	16.54	0.06
(269)	Justitia	16.545	0.25
(1461)	Jean-Jacques	16.56	0.09
(1366)	Piccolo	16.57	0.33
(52872)	Okyrhoe	16.6	0.4
(86)	Semele	16.634	0.18
(10261)	Nikdollezhal'	16.69	0.08
(419)	Aurelia	16.709	0.08
(729)	Watsonia	16.71	0.18
(1950)	Wempe	16.787	0.93
(5)	Astraea	16.8	0.10-0.30
(263)	Dresda	16.809	0.37-0.40
(375)	Ursula	16.83	0.05-0.17
(105)	Artemis	16.84	0.15
(5386)	1975 TH6	16.845	0.24

ordered by period

(566)	Stereoskopia	17	0.08
(3268)	De Sanctis	17	0.4
(53)	Kalypso	17	>0.1
(1390)	Abastumani	17.1	0.15
	2005 ED318	17.157	0.22
(1277)	Dolores	17.19	0.45
(134)	Sophrosyne	17.196	0.19
(1452)	Hunnia	17.2	>0.34
(3063)	Makhaon	17.3	0.14
(10936)	1998 FN11	17.3	0.4
(1242)	Zambesia	17.305	0.24
(1516)	Henry	17.37	0.54
(877)	Walkure	17.44	0.33-0.40
(1743)	Schmidt	17.45	0.36
(744)	Aguntina	17.47	0.5
(1889)	Pakhmutova	17.49	0
(5660)	1974 MA	17.5	>0.3
(425)	Cornelia	17.56	0.16
(235)	Carolina	17.56	>0.25
(1262)	Sniadeckia	17.57	0.16
(322)	Phaeo	17.5845	0.15
(485)	Genua	17.59	0.12
(1234)	Elyna	17.6	0.16
(1092)	Lilium	17.63	0.16
(50000)	Quaoar	17.6788	0.13
(4201)	Orosz	17.7	0.9
(2067)	Aksnes	17.75	0.24
(738)	Alagasta	17.83	0.2
(2444)	Lederle	17.85	0.45
(1679)	Nevanlinna	17.94	0.16
(274)	Philagoria	17.96	0.43
(519)	Sylvania	17.962	0.4
(2880)	Nihondaira	17.97	0.75
(1813)	Imhotep	17.978	0.46
(696)	Leonora	17.988	0.1
(1392)	Pierre	18	0.09
(362)	Havnia	18	0.1
(482)	Petrina	18	0.1
(1780)	Kippes	18	0.23
(1086)	Nata	18.074	0.17
(56)	Melete	18.14	0.06-0.10
(1963)	Bezovec	18.16	0.6
(2065)	Spicer	18.165	1
(1085)	Amaryllis	18.168	0.2
(220)	Stephania	18.198	0.21-0.45
(6327)	1991 GP1	18.199	0.06
(908)	Buda	18.2	0.09
	2003 BF91	18.2	1.09
(456)	Abnoba	18.203	0.24
(1249)	Rutherfordia	18.223	0.69
(239)	Adrastea	18.347	0.51
(4164)	Shilov	18.35	0.24
(832)	Karin	18.35	0.32-0.56

ordered by period

(304)	Olga	18.36	0.2
(211)	Isolda	18.365	0.09
(742)	Edisona	18.386	0.24
(1113)	Katja	18.465	0.15
(140)	Siwa	18.495	0.06
(146)	Lucina	18.557	0.08
(33)	Polyhymnia	18.601	0.14
(1922)	Zulu	18.64	0.11
(4024)	Ronan	18.9	0.5
(200)	Dynamene	19	0.1
(10302)	1989 ML	19	0.6-1
(781)	Kartvelia	19.059	0.25
(3843)	OISCA	19.078	0.28
(25934)	2001 DC74	19.1	0.9
(1178)	Irmela	19.17	0.34
(979)	Ilsewa	19.2	0.07
(931)	Whittemora	19.2	0.2
(439)	Ohio	19.2	0.24
(488)	Kreusa	19.26	0.08-0.2
(1189)	Terentia	19.303	0.38
(626)	Notburga	19.39	0.21
(510)	Mabella	19.4	0.25
(2945)	Zanstra	19.414	0.2
(1609)	Brenda	19.46	0.16
(424)	Gratia	19.47	0.32
(1478)	Vihuri	19.5	0.23
(186)	Celuta	19.6	0.4
(1936)	Lugano	19.651	0.31
(412)	Elisabetha	19.67	0.2
(233)	Asterope	19.7	0.35
(395)	Delia	19.706	0.2
(2100)	Ra-Shalom	19.7998	0.34-0.41
(1746)	Brouwer	19.8	0.35
(141)	Lumen	19.86	0.09-0.2
(530)	Turandot	19.947	0.10-0.16
(445)	Edna	19.97	0.21
	2002 NY40	19.98	1.3
(273)	Atropos	20	0.65
	1990 UP	20	0.8
(866)	Fatme	20.03	0.21
(980)	Anacostia	20.117	0.1
(71031)	1999 XE68	20.19	0.39
(651)	Antikleia	20.287	0.4
(1655)	Comas Sola	20.4	0.2
(65717)	1993 BX3	20.463	0.91
(550)	Senta	20.555	0.3
(148)	Gallia	20.664	0.32
(415)	Palatia	20.73	0.33
(139)	Juewa	20.991	0.18-0.20
(1596)	Itzigsohn	21	>0.15
(46)	Hestia	21.04	0.11
(6185)	1987 YD	21.05	>0.33
(625)	Xenia	21.101	0.5

ordered by period

(1902)	Shaposhnikov	21.2	0.42
(903)	Nealley	21.6	0.13
(2687)	Tortali	21.75	0.19
(514)	Armida	21.874	0.16-0.4
(706)	Hirundo	22.072	0.75-0.9
(111)	Ate	22.2	0.1
(458)	Hercynia	22.3	0.33
(858)	El Djezair	22.31	0.1
(156)	Xanthippe	22.37	0.12
(907)	Rhoda	22.44	0.16
(21088)	1992 BL2	22.49	>0.13
(1389)	Onnie	22.5	0.34
(999)	Zachia	22.77	0.3
(1805)	Dirikis	23	0.45
(101)	Helena	23.08	0.13
(1038)	Tuckia	23.2	0.1
(1279)	Uganda	23.2	0.16
(1135)	Colchis	23.47	0.45
(751)	Faina	23.678	0.36
(103)	Hera	23.74	0.42
	2000 PJ5	23.76	0.3
(33896)	2000 KL40	23.8	0.26
(168)	Sibylla	23.82	>0.30
(8201)	1994 AH2	23.949	>0.27
(5847)	Wakiya	23.95	0.1
(230)	Athamantis	23.9845	0.1-0.26
(707)	Steina	24	0.1
(11868)	Kleinrichert	24	0.29
(370)	Modestia	24	>0.35
(504)	Cora	24.06	>0.40
	1999 VN6	24.1	0.6
(387)	Aquitania	24.144	0.25
(1437)	Diomedes	24.46	0.22-0.70
(1379)	Lomonosowa	24.71	>0.51
(3425)	Hurukawa	24.84	0.47
(159)	Aemilia	25	>0.2
(1593)	Fagnes	25.1	0.47
(60)	Echo	25.206	0.10-0.19
(958)	Asplinda	25.3	0.57
(1313)	Berna	25.46	0.25
(7760)	1990 RW3	25.9	0.35
(2201)	Oljato	26	0.1
(5438)	Lorre	26	0.11
(86667)	2000 FO10	26	0.7
(27136)	1998 XJ16	26	>0.10
(149)	Medusa	26	>0.33
(1243)	Pamela	26.017	0.49
(926)	Imhilde	26.1	>0.2
(896)	Sphinx	26.27	0.08
(4649)	Sumoto	26.31	0.3
(4995)	1984 QR	26.37	0.82
(391)	Ingeborg	26.391	0.22-0.79
(234)	Barbara	26.5	>0.24

ordered by period

(434)	Hungaria	26.51	0.7
(4324)	1981 YA1	26.589	0.72
(4492)	Debussy	26.606	0.48
(60558)	Echeclus	26.802	0.24
(31824)	Elatus	26.82	0.1
(538)	Friederike	27	0.12
(529)	Preziosa	27	0.56
(1803)	Zwicky	27.1	0.08
	2003 TL4	27.2	>1.0
(476)	Hedwig	27.33	0.13
(752)	Sulamitis	27.367	0.2
(172)	Baucis	27.417	0.25
(1139)	Atami	27.44	0.43
(3753)	Cruithne	27.44	0.4-0.95
(1149)	Volga	27.5	0.26
(10)	Hygiea	27.623	0.11-0.33
(2333)	Porthan	27.78	0.58
(191)	Kolga	27.8	0.5
(658)	Asteria	28	0.32
(1404)	Ajax	28.4	>0.25
(346)	Hermentaria	28.43	0.07-0.20
(4317)	Garibaldi	28.5	0.14
(1057)	Wanda	28.8	0.41
(108)	Hecuba	28.9	0.05-0.2
(3577)	Putilin	29	0.27
(1722)	Goffin	29	0.6
(68950)	2002 QF15	29	>0.3
(495)	Eulalia	29.2	0.04-0.30
(1759)	Kienle	29.25	0.3
(619)	Triberga	29.412	0.4
(324)	Bamberga	29.43	0.07
(2988)	Korhonen	29.494	0.97
(7719)	1997 GT36	29.56	0.31
(277)	Elvira	29.69	0.34-0.59
(1182)	Ilona	29.8	1.2
(219)	Thusnelda	29.842	0.2
(1397)	Umtata	30	0.13
(932)	Hooveria	30	0.2
(602)	Marianna	30	0.3
(14923)	1994 TU3	30	0.7
	2000 QN130	30.33	0.3
(5645)	1990 SP	30.39	0.7
(7564)	1988 CA	30.58	0.65
(808)	Mexia	30.631	0.7
(3043)	San Diego	30.72	0.37
(674)	Rachele	30.96	0.16
(1159)	Granada	31	0.28
(5368)	Vitagliano	31	0.3
(1010)	Marlene	31.06	0.32
(15362)	1996 ED	31.4	0.5
(356)	Liguria	31.82	0.22
(654)	Zelinda	31.9	0.3
(2000)	Herschel	32	0.17

ordered by period

(2109)	Dhotel	32	0.3
(12008)	Kandrup	32	0.4
(35)	Leukothea	32	0.43
(2331)	Parvulesco	32.03	0.5
(7663)	1994 RX1	32.3	0.4
(19164)	1991 AU1	32.492	0.25
(410)	Chloris	32.5	0.28
(2069)	Hubble	32.52	0.1
(1630)	Milet	32.55	0.37
(645)	Agrippina	32.6	0.18
(6393)	1990 HM1	32.7	0.24
(1006)	Lagrangea	32.8	0.18
(43032)	1999 VR26	32.89	0.6
(6065)	1987 OC	33.15	0.2
(3581)	Alvarez	33.42	0.06
(13651)	1997 BR	33.644	1.2
(1062)	Ljuba	33.8	0.17
(21181)	1994 EB2	33.8	0.35
(85774)	1998 UT18	34	0.8
(1507)	Vaasa	34.07	0.24
(426)	Hippo	34.3	0.22
(1651)	Behrens	34.344	0.16
(783)	Nora	34.4	0.08-0.2
(86039)	1999 NC43	34.49	1.1
(357)	Ninina	34.97	0.12
	2003 SA224	35	0.24
(769)	Tatjana	35.08	0.33
(97)	Klotho	35.15	0.07-0.25
	1996 PW	35.44	0.44
(71)	Niobe	35.5	0.22
(814)	Tauris	35.8	0.2
(6271)	Farmer	35.8	>0.1
(7480)	Norwan	35.9	>0.5
(582)	Olympia	36	>0.6
(2014)	Vasilevskis	36.25	0.3
(1137)	Raissa	37	0.34
(16558)	1991 VQ2	37.37	0.22
(854)	Frostia	37.56	0.33
(54789)	2001 MZ7	37.57	1.4
(3752)	Camillo	37.846	1.1
(916)	America	38	0.28
(13553)	1992 JE	38	1.1
(4116)	Elachi	38.12	1.02
(5786)	Talos	38.52	0.23
(11398)	1998 YP11	38.6	0.25
(393)	Lampetia	38.7	0.14
(974)	Lioba	38.7	0.37
(503)	Evelyn	38.7	0.5
(128)	Nemesis	39	0.1
(3635)	Kreutz	39	0.2
(3923)	Radzievskij	39	0.61
(1989)	Tatry	39.9	>0.22
(89355)	2001 VS78	40.553	0.39-0.52
(2062)	Aten	40.77	0.26

ordered by period

(868)	Lova	41.33	0.4
(5468)	Hamatonbetsu	42.02	0.43
(2288)	Karolinum	42.16	0.4
(53789)	2000 ED104	43	1.1
(407)	Arachne	44	0.45
(1907)	Rudneva	45	>0.1
(120)	Lachesis	45.84	0.22
(1807)	Slovakia	46	0.26
(1278)	Kenya	46	0.14-0.28
	1997 LY4	46.07	1
(203)	Pompeja	46.6	>0.10
(28017)	1997 YV13	47	0.15
(622)	Esther	47.5	0.57
(1952)	Hesburgh	47.7	>0.18
(20231)	1997 YK	48.2	>0.22
(912)	Maritima	48.43	>0.11
	2004 EW9	49.94	0.9
(8709)	Kadlu	50.6	>0.40
(54071)	2000 GQ146	51	>0.2
(1031)	Arctica	51	>0.22
	2004 JA	52.1	0.4
(709)	Fringilla	52.4	0.18
(508)	Princetonia	52.8	0.4
(705)	Erminia	53.96	0.12
(1815)	Beethoven	54	0.2
(1550)	Tito	54.2	0.23
(4232)	Aparicio	54.4	0.83
(437)	Rhodia	56	0.38
(2074)	Shoemaker	57.02	0.45
	2001 OG108	57.12	0.3
(1040)	Klumpkea	59.2	0.77
(19764)	2000 NF5	59.3	0.8
(3447)	Burckhalter	60	0.3
(5811)	Keck	60	>0.25
(385)	Ilmatar	62.35	0.5
(280)	Philia	64	0.19
(3260)	Vizbor	64.1	>0.3
(486)	Cremona	65.9	1
(1665)	Gaby	66	0.27
	2001 SK162	68	0.14
(1919)	Clemence	68.5	0.6
(1646)	Rosseland	69.2	0.13
(2091)	Sampo	71.3	0.38
	2000 QW7	71.3	>1.0
(11500)	1989 UR	73	0.5
(1351)	Uzbekistania	73.9	0.34
(887)	Alinda	73.97	0.35
(3288)	Seleucus	75	1
(5751)	Zao	76	0.04-0.2
(2274)	Ehrsson	78	0.5
(1854)	Skvortsov	78.5	0.56
(630)	Euphemia	79.18	0.2
(2830)	Greenwich	80	0.5

ordered by period

(182)	Elsa	80	0.7
(1613)	Smiley	81	0.3
(2035)	Stearns	85	0.7
(1078)	Mentha	85	>0.87
(249)	Ilse	85.24	0.33
(4283)	Stoffler	98	0.46
(4486)	Mithra	100	1
(4558)	Janesick	100	>0.11
(3935)	Toatenmongakkai	106.3	0.58
(18582)	1997 XK9	114	0.94
	2003 FC5	129.5	>0.5
(53319)	1999 JM8	136	0.7
(1689)	Floris-Jan	145	0.4
	2003 KP2	151.1	1.7
(3102)	Krok	151.8	1.3-1.6
(1481)	Tubingia	160	0.55
(4179)	Toutatis	176	1.1
(16064)	1999 RH27	178.5	0.7
(65407)	2002 RP120	200	0.6
(38071)	1999 GU3	216	1.4
(9969)	Braille	226.4	0.9
(3691)	Bede	226.8	0.5
	1998 QR52	234	0.88
(253)	Mathilde	417.7	0.45
(96590)	1998 XB	520	1
(1220)	Crocus	737	0.87
(288)	Glauke	1200	0.9
	1997 AE12	1640	>0.6
(1575)	Winifred	?	0.03
	1990 OS	'few h	
	2004 GD	'very short?	
(15789)	1993 SC	<0.04	<0.04
	2000 WJ107	<0.25	<0.12
	2001 BF10	<0.4	
	2002 AA29	<0.55	
	2000 LF3	<1.0	
	2002 TZ66	<1.1	
	1998 BY7	<1.3	
	1999 TN13	<1.3	
	2001 JV1	<29.	
	2000 EW70	<33.	
	1999 NW2	<4.2	
(677)	Aaltje	>10.	<0.1
(14835)	Holdridge	>10.	>0.08
(450)	Brigitta	>10.	>0.2
(1707)	Chantal	>10.	>0.2
(1331)	Solvejg	>10.	>0.3
	2005 OE3	>100.	
(655)	Briseis	>11.	>0.12
(1715)	Salli	>11.	>0.5
(15817)	Lucianotesi	>11.	>0.9
(1143)	Odysseus	>12.	0.11
(531)	Zerlina	>12.	0.12
(328)	Gudrun	>12.	0.15

ordered by period

(154)	Bertha	>12.	0.2
(1783)	Albitskij	>12.	0.4
(3290)	Azabu	>12.	>0.08
(588)	Achilles	>12.	>0.12
(1621)	Druzhba	>12.	>0.16
(823)	Sisigambis	>12.	>0.2
(2260)	Neoptolemus	>12.	>0.26
(396)	Aeolia	>12.	>0.3
(20749)	2000 AD199	>12.	>0.3
(1583)	Antilochus	>12.	0.04-0.11
(3537)	Jurgen	>14.	0.3
(876)	Scott	>14.	>0.3
(3156)	Ellington	>15.	>0.15
(189)	Phthia	>15.	>0.2
(2056)	Nancy	>15.0	0.08
(1212)	Francette	>16.	>0.03
(2959)	Scholl	>16.	>0.14
(1213)	Algeria	>16.	>0.19
	2003 RB	>16.	>0.2
(384)	Burdigala	>17.	>0.03
(716)	Berkeley	>17.	>0.2
	2000 SM10	>18.	0.2
(1058)	Grubba	>18.	>0.10
(1615)	Bardwell	>18.	>0.2
	1999 LN28	>19.	>1.0
	2004 BB75	>2.5	>0.27
(9175)	Graun	>20.	0.2
(275)	Sapientia	>20.	>0.05
(3655)	Eupraksia	>20.	>0.07
(4196)	Shuya	>20.	>0.07
(1051)	Merope	>20.	>0.09
(215)	Oenone	>20.	>0.1
(8400)	Tomizo	>20.	>0.1
(4255)	Spacewatch	>20.	>0.12
(939)	Isberga	>20.	>0.2
(1246)	Chaka	>20.	>0.2
(4867)	Polites	>20.	>0.25
(1123)	Shapleya	>20.	>0.28
(1429)	Pemba	>20.	>0.3
(498)	Tokio	>20.	>0.36
(2212)	Hephaistos	>20.	0.08-0.11
	2000 GU127	>24.	0.1
(181)	Eucharis	>24.	0.15
(1208)	Troilus	>24.	0.36
(37546)	1981 ET20	>24.	0.36
(846)	Lipperta	>24.	>0.02
(2339)	Anacreon	>24.	>0.05
(521)	Brixia	>24.	>0.09
(1513)	Matra	>24.	>0.1
(1867)	Deiphobus	>24.	>0.1
(606)	Brangane	>24.	>0.18
(870)	Manto	>24.	>0.3
(740)	Cantabia	>24.	

ordered by period

(898)	Hildegard	>24.	
	2000 EH26	>24.	
(26375)	1999 DE9	>24.?	<0.10
(52387)	1993 OM7	>26.	>0.4
(5349)	Paulharris	>3.	>0.06
(5711)	Eneev	>30.	>0.1
	2001 UC5	>4.	>0.3
(617)	Patroclus	>40.	>0.1
	2002 UK11	>5.	
(5439)	Couturier	>50.	>0.47
	2002 EC	>6.	
(1236)	Thais	>72.	>0.08
	2003 UB313	>8.	0.02
	2002 CQ11	>8.	
	2002 FF12	>9.	>0.15
(443)	Photographica	16.?	0.3
(1994)	Shane	25.?	>0.1
(47171)	1999 TC36	6?	0.06
(42355)	2002 CR46	8.?	<0.15
	2002 FC	days	
(1367)	Nongoma	long	0.3
(29196)	1990 YY	long	0.38
(1222)	Tina	long	1
(358)	Apollonia	long	>0.04
	2001 CQ36	long	low
(7930)	1987 VD	long?	<0.1
(5143)	Heracles	long?	<0.2
(408)	Fama	long?	>0.05
(1191)	Alfaterna	long?	>0.05
(2312)	Duboshin	long?	>0.1
	2000 WM10	long?	low
(90482)	Orcus	long?	
(40329)	1999 ML	No var	0
	2004 RF84	weeks	
(1911)	Schubart		0.02
(5370)	Taranis		0.02
(14827)	Hypnos		0.05
(4432)	McGraw-Hill		0.06
(711)	Marmulla		0.07
(3317)	Paris		0.09
(2357)	Phereclos		0.14
(58119)	1981 EJ9		0.14
(3548)	Eurybates		0.2
(3451)	Mentor		0.21
	1998 XA5		0.22
	2003 SS84		0.3
	1991 VA		0.4
(3240)	Laocoon		0.49
(7066)	Nessus		0.5
(1172)	Aneas		0.6
(449)	Hamburga		<0.01
(688)	Melanie		<0.05
(7603)	Salopia		<0.05
(66652)	1999 RZ253		<0.05

ordered by period

(15874)	1996 TL66	<0.06
(55638)	2002 VE95	<0.06
(82155)	2001 FZ173	<0.06
(82158)	2001 FP185	<0.06
	2001 KD77	<0.07
(42301)	2001 UR163	<0.08
(1926)	Demiddelaer	<0.1
(2375)	Radek	<0.1
(4293)	Masumi	<0.1
(5199)	Dortmund	<0.1
(10199)	Chariklo	<0.1
(82075)	2000 YW134	<0.1
(19521)	Chaos	<0.10
(26181)	1996 GQ21	<0.10
(33340)	1998 VG44	<0.10
(15875)	1996 TP66	<0.12
	2001 QF298	<0.12
(80806)	2000 CM105	<0.14
(28978)	Ixion	<0.15
(91133)	1998 HK151	<0.15
	2003 BH91	<0.15
	1996 TS66	<0.16
(470)	Kilia	<0.2
(7997)	1985 CN1	<0.2
(79360)	1997 CS29	<0.2
(118228)	1996 TQ66	<0.22
(1512)	Oulu	>0.03
(722)	Frieda	>0.04
(3561)	Devine	>0.04
(968)	Petunia	>0.07
(226)	Weringia	>0.1
(560)	Delila	>0.1
(2183)	Neufang	>0.1
	1990 UA	>0.1
(5693)	1993 EA	>0.13
(3362)	Khufu	>0.14
(3350)	Scobee	>0.17
(1672)	Gezelle	>0.2
(4057)	Demophon	>0.2
(2223)	Sarpedon	>0.21
(1782)	Schneller	>0.6
(884)	Priamus	0.16-0.37
	2002 BK25	low
(255)	Oppavia	
(314)	Rosalia	
(341)	California	
(477)	Italia	
(717)	Wisibada	
(761)	Brendelia	
(789)	Lena	
(1114)	Lorraine	
(1221)	Amor	
(1235)	Schorria	
(1343)	Nicole	

ordered by period

(1441) Bolyai
(1458) Mineura
(1758) Naantali
(1762) Russell
(1775) Zimmerwald
(1845) Helewalda
(1900) Katyusha
(2271) Kiso
(2501) Lohja
(2544) Gubarev
(3237) Victorplatt
(3990) Heimdal
(4084) Hollis
(4092) Tyr
(4332) Milton
(4435) Holt
(5237) Yoshikawa
(5399) Awa
(7335) 1989 JA
(7887) Bratfest
(8395) Rembaut
(8882) Sakaetamura
(10370) Hylonome
(12728) 1991 RP1
(15810) 1994 JR1
(17246) 2000 GL74
(22899) 1999 TO14
(23481) 1991 GT4
(55565) 2002 AW197
(85182) 1991 AQ
(120061) 2003 CO1
1990 SA
1994 XD
1996 RQ20
2001 YH140
2002 KK8
2002 PZ39
2003 EO16
2003 FH1