

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
January 0						
a_0	150.9982 580+	16.6049 684+	0.9076 6862+	250.3625 917+	25.7146 155-	1.0089 7517+
a_1	11.5312 075+	4.6441 322-	0.0057 4358+	16.1263 423+	2.9097 996-	0.0122 0274+
a_2	2190 740-	3434 207-	10 6596+	6032 926+	8513 205+	17 6814-
a_3	256 335+	295 698+	3300+	644 334-	794 804+	2 7548-
a_4	31 949+	4 952-	377-	209 661-	55 460-	1775+
a_5	2 026-	362+		14 636+	17 029-	
January 1						
a_0	162.3390 174+	11.6465 263+	0.9145 0739+	267.0082 908+	27.7008 632-	1.0191 5204+
a_1	11.1817 280+	5.2440 627-	0.0079 5942+	17.0631 072+	0.9994 015-	0.0079 1110+
a_2	1250 305-	2573 181-	11 4140+	2989 856+	1.0393 701+	24 8354-
a_3	364 438+	280 104+	1807+	1323 932-	409 848+	2 0268-
a_4	21 838+	3 018-	672-	125 615-	146 742-	3270+
a_5	1 003-	1 366+		38 777+	4 183-	
January 2						
a_0	173.4342 421+	6.1729 907+	0.9236 1956+	284.2293 069+	27.6350 023-	1.0244 0963+
a_1	11.0492 323+	5.6751 909-	0.0102 6956+	17.2330 253+	1.1415 240+	0.0024 6700+
a_2	35 968-	1737 299-	11 5422+	1345 593-	1.0701 382+	28 9363-
a_3	442 026+	282 164+	872-	1446 225-	209 414-	6794-
a_4	17 093+	3 911+	1011-	84 309+	164 672-	3839+
a_5	505-	2 174+		24 181+	13 196+	
January 3						
a_0	184.5257 391+	0.3528 948+	0.9350 2451+	301.1939 994+	25.4594 289-	1.0239 5345+
a_1	11.1812 306+	5.9353 497-	0.0125 1140+	16.5758 208+	3.1597 096+	0.0033 7030-
a_2	1387 695+	845 575-	10 6632+	4937 155-	9218 022+	28 6918-
a_3	504 937+	319 866+	4926-	883 702-	733 859-	8943+
a_4	15 138+	14 956+	1357-	201 185+	92 014-	3149+
a_5	1 175-	2 743+		5 921-	16 814+	
January 4						
a_0	195.8976 291+	5.6332 559-	0.9485 3940+	317.2072 608+	21.4588 230-	1.0178 3489+
a_1	11.6157 149+	6.0011 511-	0.0144 4193+	15.4007 806+	4.7547 500+	0.0087 1431-
a_2	2981 721+	231 270+	8 3632+	6441 729-	6632 776+	24 1666-
a_3	552 108+	407 009+	1 0410-	144 608-	937 754-	2 1694+
a_4	10 268+	29 176+	1611-	162 180+	6 098-	1600+
a_5	3 932-	2 602+		16 383-	9 463+	
January 5						
a_0	207.8673 605+	11.5674 012-	0.9636 9745+	331.9639 874+	16.1342 343-	1.0069 3685+
a_1	12.3798 260+	5.8198 256-	0.0157 3778+	14.1257 376+	5.8022 632+	0.0128 3285-
a_2	4660 475+	1653 553+	4 2747+	6066 728-	3877 368+	16 7483-
a_3	550 593+	548 448+	1 6979-	342 633+	871 792-	2 8001+
a_4	8 313-	43 384+	1589-	77 467+	39 884+	25-
a_5	9 594-	486+		11 739-	2 015+	
January 6						
a_0	220.7665 026+	17.1626 396-	0.9796 7702+	345.5238 884+	10.0272 236-	0.9927 0892+
a_1	13.4689 707+	5.3069 908-	0.0160 1966+	13.0403 063+	6.3331 559+	0.0153 4361-
a_2	6166 236+	3564 323+	1 7559-	4691 314-	1521 229+	8 3981-
a_3	418 043+	723 405+	2 3536-	538 657+	694 356-	2 7689+
a_4	57 532-	47 612+	1058-	19 578+	48 500+	1144-
a_5	15 807-	5 394-		5 506-	1 778-	
January 7						
a_0	234.8865 672+	22.0366 358-	0.9952 7516+	358.1503 363+	3.6067 082-	0.9767 9094+
a_1	14.7967 205+	4.3607 664-	0.0149 1997+	12.2687 231+	6.4476 046+	0.0162 3845-
a_2	6915 972+	5966 287+	9 4148-	3012 774-	288 745-	7931-
a_3	32 816+	854 992+	2 7974-	563 894+	518 785-	2 2919+
a_4	144 277-	20 800+	125+	6 806-	38 783+	1615-
a_5	11 470-	14 211-		2 126-	2 822-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

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	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
January 16						
a_0	10-1732 783+	2-7637 396+	0-9606 8622+	110-7075 874+	27-0593 391+	0-8991 8668+
a_1	11-8315 525+	6-2483 227+	0-0157 7418-	13-1724 287+	1-5209 683-	0-0003 2912+
a_2	1383 093-	1640 684-	5 1135+	1664 691-	6170 272-	7 6510+
a_3	515 976+	391 706-	1 6340+	373 329-	170 742+	3010-
a_4	16 743-	24 286+	1600-	40 068+	30 284+	303+
a_5	1 202-	2 501-		2 905+	2 395-	
January 17						
a_0	21-9163 245+	8-8110 018+	0-9455 7080+	123-6805 113+	24-9412 067+	0-9002 5383+
a_1	11-7024 278+	5-8111 391+	0-0143 2530-	12-7449 669+	2-6928 838-	0-0017 8113+
a_2	52 383+	2695 129-	9 0636+	2515 335-	5500 356-	6 9307+
a_3	436 763+	319 031-	9892+	186 150-	267 934+	1778-
a_4	22 481-	11 581+	1333-	53 867+	17 829+	342+
a_5	1 614-	1 566-		893-	2 356-	
January 18						
a_0	33-6652 574+	14-3217 263+	0-9322 3745+	136-1606 272+	21-7266 280+	0-9027 1367+
a_1	11-8341 330+	5-1802 548+	0-0122 6914-	12-2071 535+	3-7066 203-	0-0031 2763+
a_2	1211 609+	3598 421-	11 2419+	2759 664-	4613 166-	6 6016+
a_3	330 300+	287 629-	4553+	19 445+	316 184+	386-
a_4	30 706-	3 617+	990-	48 386+	5 875+	311+
a_5	2 335-	291-		2 516-	1 462-	
January 19						
a_0	45-6502 771+	19-1137 087+	0-9211 2814+	148-0983 459+	17-5907 507+	0-9065 0071+
a_1	12-1620 954+	4-3755 848+	0-0099 2375-	11-6791 508+	4-5327 783-	0-0044 4882+
a_2	1994 816+	4442 522-	12 0242+	2436 266-	3643 978-	6 6689+
a_3	184 254+	275 253-	605+	187 937+	325 677+	882+
a_4	43 071-	2 142+	661-	35 242+	1 394-	203+
a_5	2 168-	1 136+		2 295-	384-	
January 20						
a_0	58-0257 555+	23-0178 438+	0-9124 0626+	159-5559 583+	12-7259 645+	0-9116 2727+
a_1	12-5980 247+	3-4059 307+	0-0075 2718-	11-2612 284+	5-1646 195-	0-0058 1719+
a_2	2267 306+	5244 033-	11 8182+	1683 988-	2679 134-	7 0496+
a_3	8 419-	254 700-	2022-	306 455+	316 802+	1717+
a_4	54 954-	8 078+	377-	23 651+	3 211-	20+
a_5	69+	2 250+		1 386-	544+	
January 21						
a_0	70-8441 805+	25-8749 339+	0-9060 3692+	170-6816 599+	7-3248 451+	0-9181 6679+
a_1	13-0270 179+	2-2850 699+	0-0052 3925-	11-0251 355+	5-6064 173-	0-0072 7943+
a_2	1912 944+	5937 092-	10 9930+	636 566-	1742 538-	7 5687+
a_3	225 221-	199 883-	3514-	387 597+	309 836+	1817+
a_4	55 074-	19 889+	140-	16 859+	397-	234-
a_5	4 168+	2 292+		683-	1 297+	
January 22						
a_0	84-0348 801+	27-5485 244+	0-9018 6042+	181-6835 162+	1-5752 475+	0-9262 1890+
a_1	13-3220 983+	1-0467 869+	0-0031 5170-	11-0205 036+	5-8614 837-	0-0088 3832+
a_2	948 658+	6394 408-	9 8604+	620 598+	802 421-	7 9637+
a_3	402 023-	98 188-	4063-	448 170+	321 560+	897+
a_4	33 193-	31 860+	53+	13 804+	6 192+	545-
a_5	7 398+	907+		743-	1 896+	
January 23						
a_0	97-4090 623+	27-9493 284+	0-8996 5466+	192-8122 027+	4-3335 136-	0-9358 5711+
a_1	13-3816 437+	0-2483 563-	0-0012 9940-	11-2842 226+	5-9220 752-	0-0104 3617+
a_2	382 355-	6488 753-	8 6777+	2040 592+	218 405+	7 8950+
a_3	461 143-	37 175+	3838-	495 117+	365 427+	1279-
a_4	5 527+	36 361+	203+	10 742+	15 911+	890-
a_5	6 785+	1 114-		2 171-	2 172+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

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February 1						
a_0	204.3508 533+	10.1953 973-	0.9470 6108+	325.1357 836+	18.7078 809-	1.0161 6921+
a_1	11.8440 832+	5.7613 166-	0.0119 4116+	14.8219 900+	5.4856 025+	0.0056 5791-
a_2	3568 805+	1431 969+	6 9669+	5642 322-	5537 744+	25 4308-
a_3	514 324+	450 365+	4861-	54 627+	904 128-	1 0812+
a_4	778+	27 395+	1215-	115 920+	593+	2639+
a_5	5 693-	1 496+		13 003-	6 853+	
February 2						
a_0	216.6027 578+	15.7655 913-	0.9596 3816+	339.4092 958+	12.7581 721-	1.0081 0273+
a_1	12.7096 004+	5.3281 106-	0.0131 4007+	13.7497 848+	6.3255 711+	0.0103 1408-
a_2	5059 526+	2962 574+	4 7736+	4913 118-	2897 321+	20 6454-
a_3	457 543+	573 193+	9785-	390 821+	836 166-	2 1478+
a_4	27 524-	36 085+	1413-	49 868+	33 975+	1272+
a_5	10 957-	1 380-		8 346-	1 742+	
February 3						
a_0	229.8602 170+	20.7366 547-	0.9731 4362+	352.7110 031+	6.2229 140-	0.9959 5160+
a_1	13.8422 790+	4.5499 009-	0.0137 4467+	12.9001 865+	6.6686 429+	0.0137 4799-
a_2	6156 938+	4885 027+	9938+	3524 800-	609 953+	13 4816-
a_3	237 016+	700 293+	1 5561-	509 345+	684 508-	2 6476+
a_4	85 646-	30 347+	1316-	8 952+	41 765+	114-
a_5	12 957-	7 364-		4 019-	1 098-	
February 4						
a_0	244.3320 310+	24.7257 254-	0.9868 1889+	5.3101 375+	0.4423 400+	0.9811 1907+
a_1	15.1040 479+	3.3543 576-	0.0134 2385+	12.3496 036+	6.6014 365+	0.0156 5465-
a_2	6223 444+	7094 140+	4 4462-	1983 135-	1204 062-	5 6362-
a_3	228 109-	744 701+	2 1002-	506 162+	529 025-	2 5845+
a_4	157 996-	7 850-	742-	10 319-	35 647+	1058-
a_5	1 090-	13 504-		2 007-	2 097-	
February 5						
a_0	260.0197 037+	27.2983 343-	0.9995 8068+	17.5108 112+	6.8738 228+	0.9651 4867+
a_1	16.2165 869+	1.7220 085-	0.0118 7475+	12.0996 945+	6.2151 272+	0.0160 4895-
a_2	4580 144+	9145 383+	11 1577-	546 583-	2598 286-	1 4697+
a_3	857 727-	579 650+	2 4132-	445 017+	407 317-	2 1453+
a_4	164 182-	80 427-	376+	19 928-	24 769+	1460-
a_5	23 225+	11 343-		1 698-	1 925-	
February 6						
a_0	276.5944 368+	28.0570 166-	1.0101 0212+	29.5981 864+	12.7906 741+	0.9494 4662+
a_1	16.8212 458+	0.2431 352+	0.0089 3429+	12.1150 623+	5.5822 211+	0.0151 6987-
a_2	1255 978+	1.0287 981+	18 1275-	651 906+	3690 911-	7 0294+
a_3	1278 234-	151 595+	2 2654-	348 138+	326 989-	1 5516+
a_4	34 886-	139 704-	1811+	28 431-	14 904+	1457-
a_5	30 813+	1 492+		2 057-	1 050-	
February 7						
a_0	293.4130 498+	26.7837 448-	1.0170 1524+	41.8102 044+	17.9724 906+	0.9351 2029+
a_1	16.6904 006+	2.2910 865+	0.0047 0173+	12.3374 844+	4.7513 803+	0.0133 5682-
a_2	2478 945-	9920 004+	23 8006-	1505 083+	4592 968-	10 8162+
a_3	1120 688-	386 201-	1 5222-	213 941+	277 169-	9648+
a_4	125 943+	128 407-	3003+	39 221-	9 564+	1246-
a_5	10 129+	12 377+		1 941-	175+	
February 8						
a_0	309.7570 941+	23.5508 810-	1.0192 1472+	54.3154 749+	22.2378 312+	0.9229 2911+
a_1	15.9138 249+	4.1140 531+	0.0003 9475-	12.6860 261+	3.7535 505+	0.0109 5400-
a_2	4984 978-	8115 304+	26 5550-	1892 031+	5365 319-	12 9712+
a_3	526 848-	775 792-	2870-	38 638+	236 524-	4659+
a_4	170 170+	62 536-	3344+	49 785-	10 585+	974-
a_5	9 697-	12 493+		249-	1 294+	

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February 17						
a_0	67.1895 645+	25.4323 854+	0.9133 0908+	167.8599 111+	8.6452 014+	0.9195 8685+
a_1	13.0559 891+	2.6144 111+	0.0082 5894-	11.1605 250+	5.6095 254-	0.0067 6588+
a_2	1706 664+	5998 379-	13 7926+	883 288-	2025 319-	3 8832+
a_3	161 077-	181 030-	775+	344 454+	339 230+	2606-
a_4	51 543-	17 468+	716-	16 514+	2 200+	322+
a_5	3 117+	1 676+		929-	669+	
February 18						
a_0	80.3952 697+	27.4307 700+	0.9064 3000+	178.9681 112+	2.8673 539+	0.9267 1820+
a_1	13.3299 436+	1.3682 507+	0.0055 0580-	11.0933 450+	5.9116 055-	0.0074 7721+
a_2	945 431+	6419 838-	13 6024+	239 901+	987 726-	3 2908+
a_3	334 343-	94 823-	2077-	401 246+	354 954+	1287-
a_4	35 313-	26 289+	496-	12 137+	5 619+	207+
a_5	6 225+	928+		853-	1 069+	
February 19						
a_0	93.7834 133+	28.1502 764+	0.9022 5871+	190.1266 993+	3.1068 600-	0.9345 1368+
a_1	13.4077 144+	0.0668 146+	0.0028 6747-	11.2661 264+	5.9998 825-	0.0081 0505+
a_2	207 029-	6537 274-	12 6875+	1507 990+	121 563+	3 0223+
a_3	413 237-	18 800+	4053-	440 699+	388 227+	431-
a_4	2 751-	31 016+	309-	8 314+	11 126+	4-
a_5	6 415+	521-		1 783-	1 263+	
February 20						
a_0	107.1294 673+	27.5682 930+	0.9006 1636+	201.5883 478+	9.0545 246-	0.9429 1662+
a_1	13.2444 408+	1.2228 558-	0.0004 6396-	11.7023 657+	5.8540 201-	0.0086 9645+
a_2	1398 997-	6300 036-	11 2910+	2862 221+	1365 698+	2 8820+
a_3	361 739-	137 014+	5287-	454 728+	445 129+	429-
a_4	30 131+	28 090+	142-	15-	17 833+	287-
a_5	3 483+	1 644-		4 179-	885+	
February 21						
a_0	120.2011 960+	25.7317 795+	0.9012 2721+	213.6219 890+	14.7255 902-	0.9518 9411+
a_1	12.8699 097+	2.4313 451-	0.0016 2995+	12.4091 288+	5.4397 685-	0.0092 4850+
a_2	2268 668-	5736 947-	9 6246+	4184 535+	2817 039+	2 5716+
a_3	208 410-	232 824+	5852-	410 809+	524 298+	1578-
a_4	47 141+	19 491+	16+	20 748-	22 994+	596-
a_5	43-	1 825-		7 819-	812-	
February 22						
a_0	132.8281 076+	22.7517 887+	0.9037 6126+	226.4877 955+	19.8290 069-	0.9613 7804+
a_1	12.3724 858+	3.5020 029-	0.0033 7995+	13.3570 684+	4.7102 840-	0.0096 9165+
a_2	2611 621-	4939 802-	7 8830+	5214 002+	4519 896+	1 7328+
a_3	21 427-	292 843+	5783-	248 638+	606 050+	3990-
a_4	46 028+	10 200+	161+	61 708-	19 737+	858-
a_5	1 994-	1 276-		9 815-	4 460-	
February 23						
a_0	144.9416 921+	18.7859 824+	0.9078 7330+	240.3839 755+	24.0251 685-	0.9711 9448+
a_1	11.8611 476+	4.3986 672-	0.0047 8950+	14.4448 769+	3.6188 296-	0.0098 8414+
a_2	2419 768-	4012 822-	6 2482+	5490 813+	6411 806+	175+
a_3	142 607+	321 321+	5127-	92 566-	637 993+	7488-
a_4	35 448+	3 843+	277+	115 608-	2 978-	973-
a_5	2 203-	512-		3 548-	8 797-	
February 24						
a_0	156.5784 482+	14.0184 981+	0.9132 3912+	255.3567 615+	26.9401 958-	0.9809 9575+
a_1	11.4330 548+	5.1035 535-	0.0058 9644+	15.4672 708+	2.1506 606-	0.0096 2403+
a_2	1801 323-	3030 907-	4 8784+	4483 639+	8219 550+	2 8078-
a_3	262 719+	331 958+	3995-	581 306-	538 009+	1 1483-
a_4	24 245+	1 366+	340+	135 830-	49 705-	823-
a_5	1 559-	150+		12 913+	9 175-	

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March 5						
a_0	271.2019 739+	28.2209 886-	0.9902 1595+	24.5370 168+	10.5588 716+	0.9644 8472+
a_1	16.1417 431+	0.3698 098-	0.0086 8501+	12.3495 489+	6.0313 206+	0.0141 6283-
a_2	2054 839+	9443 239+	6 7307-	495 981+	3327 771-	2 4192-
a_3	989 614-	251 247+	1 4895-	347 539+	432 351-	2 0840+
a_4	64 388-	98 097-	319-	26 367-	21 842+	733-
a_5	23 900+	2 371-		2 267-	652-	
March 6						
a_0	287.4461 909+	27.6313 965-	0.9980 7576+	36.9680 543+	16.2162 990+	0.9502 8104+
a_1	16.2420 113+	1.5537 973+	0.0068 7923+	12.5413 270+	5.2444 726+	0.0140 5085-
a_2	1060 255-	9584 861+	11 3644-	1357 653+	4500 323-	3 3823+
a_3	1013 168-	160 093-	1 6255-	219 579+	351 127-	1 7802+
a_4	62 692+	108 723-	519+	38 147-	18 405+	1067-
a_5	14 509+	6 170+		2 007-	20+	
March 7						
a_0	303.4885 800+	25.1453 777-	1.0036 6120+	49.6630 892+	20.9774 692+	0.9367 3577+
a_1	15.7583 226+	3.3823 406+	0.0041 3949+	12.8624 711+	4.2464 429+	0.0128 8305-
a_2	3578 764-	8514 342+	15 8996-	1767 310+	5443 067-	8 0808+
a_3	626 665-	531 554-	1 4162-	47 918+	276 878-	1 3466+
a_4	133 475+	75 072-	1480+	48 994-	18 567+	1125-
a_5	2 422-	9 053+		300-	789+	
March 8						
a_0	318.8394 650+	20.9713 601-	1.0060 8392+	62.7021 536+	24.6538 532+	0.9247 8420+
a_1	14.9067 409+	4.9002 384+	0.0005 9398+	13.2105 643+	3.0825 878+	0.0109 0796-
a_2	4682 845-	6559 948+	19 2384-	1614 014+	6154 362-	11 4481+
a_3	121 395-	742 500-	8099-	149 187-	194 598-	8932+
a_4	116 440+	28 649-	2195+	51 000-	22 837+	1029-
a_5	9 855-	6 802+		2 991+	1 021+	
March 9						
a_0	333.2764 403+	15.4915 615-	1.0046 9501+	76.0543 998+	27.1039 309+	0.9151 0008+
a_1	13.9754 027+	5.9814 159+	0.0034 0877-	13.4697 103+	1.8029 807+	0.0083 9154-
a_2	4447 267-	4228 540+	20 3473-	890 447+	6590 873-	13 5149+
a_3	246 436+	790 950-	898+	321 561-	93 431-	4810+
a_4	65 047+	5 143+	2327+	35 433-	28 296+	878-
a_5	8 459-	3 524+		6 050+	334+	
March 10						
a_0	346.8374 186+	9.1655 199-	0.9992 8376+	89.5780 604+	28.2413 442+	0.9080 9936+
a_1	13.1816 730+	6.5936 557+	0.0073 5810-	13.5401 832+	0.4682 607+	0.0055 7936-
a_2	3402 269-	1921 719+	18 6975-	226 148-	6698 048-	14 4358+
a_3	423 953+	736 526-	1 0391+	402 649-	22 410+	1305+
a_4	22 849+	22 289+	1807+	3 797-	29 993+	731-
a_5	5 034-	1 144+		6 313+	874-	
March 11						
a_0	359.7230 416+	2.4510 016-	0.9901 7789+	103.0556 156+	28.0449 529+	0.9039 6932+
a_1	12.6350 304+	6.7665 276+	0.0107 1354-	13.3757 938+	0.8530 668-	0.0026 8228-
a_2	2043 575-	142 750-	14 5242-	1393 638-	6459 649-	14 3927+
a_3	466 274+	636 743-	1 7687+	356 260-	133 178+	1611-
a_4	1 701-	27 614+	884+	28 563+	25 299+	607-
a_5	2 847-	231-		3 517+	1 685-	
March 12						
a_0	12.1998 872+	4.2403 149+	0.9781 9764+	116.2596 277+	26.5616 003+	0.9027 0414+
a_1	12.3640 948+	6.5578 840+	0.0130 5243-	13.0033 681+	2.0957 662-	0.0001 2365+
a_2	683 372-	1889 662-	8 7165-	2255 933-	5925 221-	13 5485+
a_3	431 415+	528 930-	2 1174+	208 795-	217 562+	4037-
a_4	15 516-	26 114+	56-	45 779+	16 530+	501-
a_5	2 179-	796-		60+	1 600-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
March 21						
a_0	129-0211 069+	23-8965 613+	0-9041 3726+	223-3211 428+	18-7806 206-	0-9632 3375+
a_1	12-5078 823+	3-2097 292-	0-0026 9218+	13-2853 672+	4-9944 569-	0-0074 5640+
a_2	2607 177-	5189 375-	12 0400+	4843 343+	4349 805+	3 7356-
a_3	26 224-	268 073+	6047-	224 119+	617 397+	1263-
a_4	45 224+	8 407+	392-	58 861-	12 861+	187+
a_5	1 912-	892-		8 545-	4 513-	
March 22						
a_0	141-2699 802+	20-1954 533+	0-9079 6905+	237-1065 156+	23-2775 225-	0-9703 0582+
a_1	11-9957 130+	4-1642 650-	0-0049 0310+	14-2934 615+	3-9363 924-	0-0066 7887+
a_2	2433 719-	4343 628-	9 9951+	5076 483+	6233 952+	4 0113-
a_3	135 394+	293 228+	7626-	93 346-	622 009+	508-
a_4	35 050+	4 018+	256-	105 684-	10 234-	106-
a_5	2 179-	92-		2 809-	7 604-	
March 23						
a_0	153-0391 478+	15-6265 408+	0-9137 9285+	251-8874 415+	26-5301 025-	0-9765 7742+
a_1	11-5625 182+	4-9434 605-	0-0066 6310+	15-2370 920+	2-5108 939-	0-0058 5710+
a_2	1839 069-	3440 734-	7 5593+	4133 965+	7962 221+	4 2357-
a_3	254 132+	308 711+	8663-	536 254-	505 368+	960-
a_4	23 958+	3 692+	80-	121 743-	50 484-	370-
a_5	1 602-	487+		11 367+	7 179-	
March 24						
a_0	164-4454 079+	10-3702 960+	0-9211 2445+	267-4732 670+	28-2000 039-	0-9819 9765+
a_1	11-2797 271+	5-5372 732-	0-0079 1186+	15-8600 055+	0-7906 157-	0-0049 6635+
a_2	948 941-	2487 554-	4 9187+	1909 211+	9103 378+	4 7497-
a_3	334 276+	328 534+	8990-	904 368-	234 972+	2495-
a_4	16 022+	6 252+	128+	59 264-	88 173-	505-
a_5	1 012-	796+		21 000+	1 239-	
March 25						
a_0	175-6651 695+	4-6178 256+	0-9294 3956+	283-4299 306+	28-0657 257-	0-9864 5904+
a_1	11-1961 247+	5-9333 247-	0-0086 3103+	15-9573 236+	1-0646 705+	0-0039 2134+
a_2	139 929+	1456 455-	2 3050+	948 552-	9267 039+	5 7989-
a_3	388 272+	361 561+	8468-	935 418-	126 343-	4588-
a_4	11 199+	10 348+	336+	52 279+	93 159-	436-
a_5	947-	887+		13 556+	5 509+	
March 26						
a_0	186-9151 395+	1-4238 649-	0-9382 1977+	299-2054 407+	26-0957 506-	0-9897 5025+
a_1	11-3445 968+	6-1115 647-	0-0088 5142+	15-5146 613+	2-8456 684+	0-0026 0645+
a_2	1362 514+	300 784-	295-	3305 719-	8384 480+	7 4276-
a_3	423 084+	411 728+	7098-	598 870-	442 773-	6403-
a_4	6 854+	14 945+	486+	119 022+	63 280-	137-
a_5	1 824-	739+		1 119-	7 339+	
March 27						
a_0	198-4387 991+	7-5227 668-	0-9470 0212+	314-3414 334+	22-4615 056-	0-9915 4855+
a_1	11-7458 519+	6-0418 565-	0-0086 5204+	14-7208 976+	4-3680 875+	0-0009 2336+
a_2	2654 715+	1031 507+	1 8662-	4400 001-	6749 991+	9 4157-
a_3	431 008+	478 509+	5111-	138 252-	623 736-	6989-
a_4	1 758-	18 946+	524+	109 227+	25 742-	341+
a_5	3 985-	104+		8 384-	5 040+	
March 28						
a_0	210-4926 490+	13-4117 166-	0-9554 2167+	328-6185 898+	17-4828 628-	0-9914 6386+
a_1	12-4033 984+	5-6843 738-	0-0081 4645+	13-8389 206+	5-5231 850+	0-0011 5581-
a_2	3897 338+	2581 839+	3 0885-	4243 552-	4774 673+	11 2921-
a_3	382 340+	554 377+	2970-	215 014+	677 877-	5610-
a_4	21 624-	20 015+	418+	65 245+	921-	858+
a_5	7 101-	1 534-		7 764-	2 288+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
April 6						
a_0	342.0604 047+	11.5498 616-	0.9891 3132+	84.8155 334+	28.0509 385+	0.9148 5026+
a_1	13.0769 336+	6.2755 300+	0.0035 4818-	13.7236 428+	0.9509 753+	0.0075 8669-
a_2	3284 700-	2758 307+	12 4492-	43 966-	6908 324-	11 5404+
a_3	399 950+	659 611-	2103-	450 251-	2 348+	7848+
a_4	26 359+	9 972+	1227+	8 558-	36 801+	758-
a_5	4 886-	727+		7 460+	1 407-	
April 7						
a_0	354.8510 106+	5.0633 921-	0.9843 2946+	98.4896 448+	28.3148 557+	0.9084 8850+
a_1	12.5480 814+	6.6336 595+	0.0060 5198-	13.5800 778+	0.4159 693-	0.0050 7351-
a_2	1975 489-	846 519+	12 3417-	1371 311-	6694 611-	13 4405+
a_3	457 665+	612 795-	2913+	411 614-	134 888+	4809+
a_4	2 446+	13 275+	1299+	29 870+	29 298+	736-
a_5	2 928-	166+		4 337+	2 451-	
April 8						
a_0	7.2472 614+	1.5949 839+	0.9770 8542+	111.8948 508+	27.2455 987+	0.9047 9977+
a_1	12.2897 978+	6.6245 177+	0.0083 8093-	13.1964 431+	1.7039 313-	0.0022 7060-
a_2	617 048-	910 588-	10 6963-	2383 630-	6138 738-	14 4420+
a_3	438 519+	558 060-	8202+	251 139-	227 682+	1867+
a_4	11 767-	13 926+	1045+	51 176+	16 562+	714-
a_5	2 379-	121+		146+	2 236-	
April 9						
a_0	19.5177 918+	8.0740 415+	0.9677 2734+	124.8329 490+	24.9519 945+	0.9039 8491+
a_1	12.2920 474+	6.2806 133+	0.0102 3228-	12.6649 155+	2.8578 662-	0.0006 4528+
a_2	604 121+	2500 029-	7 6230-	2828 698-	5378 702-	14 5742+
a_3	367 548+	500 987-	1 2426+	46 392-	272 169+	982-
a_4	23 577-	14 383+	573+	50 862+	5 212+	706-
a_5	2 655-	385+		2 274-	1 171-	
April 10						
a_0	31.9043 829+	14.0560 299+	0.9568 6276+	137.2152 145+	21.5838 791+	0.9060 7073+
a_1	12.5123 782+	5.6362 574+	0.0113 6115-	12.1044 662+	3.8504 554-	0.0035 0243+
a_2	1538 687+	3912 864-	3 5670-	2685 552-	4542 619-	13 8561+
a_3	246 732+	439 307-	1 4708+	134 123+	281 981+	3807-
a_4	37 276-	16 206+	56+	38 749+	553-	707-
a_5	2 657-	907+		2 566-	7+	
April 11						
a_0	44.5913 096+	19.2587 815+	0.9452 9254+	149.0681 561+	17.3073 053+	0.9109 1363+
a_1	12.8778 980+	4.7288 290+	0.0116 3111-	11.6218 100+	4.6746 015-	0.0061 3117+
a_2	2028 503+	5124 473-	8657+	2076 395-	3699 893-	12 2907+
a_3	71 993+	365 132-	1 4884+	263 884+	280 351+	6647-
a_4	51 510-	20 818+	365-	25 672+	339-	687-
a_5	1 042-	1 429+		1 811-	888+	
April 12						
a_0	57.6740 020+	23.4408 748+	0.9338 9319+	160.5111 010+	12.2908 044+	0.9182 0053+
a_1	13.2840 758+	3.6034 367+	0.0110 2608-	11.2950 601+	5.3301 659-	0.0083 6241+
a_2	1924 882+	6080 616-	5 1038+	1148 823-	2851 968-	9 8871+
a_3	142 359-	267 624-	1 3372+	348 918+	288 165+	9424-
a_4	57 487-	28 320+	626-	16 689+	4 272+	603-
a_5	2 692+	1 361+		1 026-	1 397+	
April 13						
a_0	71.1308 505+	26.4124 555+	0.9235 0495+	171.7277 369+	6.7048 252+	0.9274 5138+
a_1	13.6047 000+	2.3190 332+	0.0096 2921-	11.1761 335+	5.8117 023-	0.0100 3298+
a_2	1179 868+	6699 908-	8 7363+	12 167-	1947 839-	6 7045+
a_3	343 195-	141 373-	1 0829+	405 548+	319 313+	1 1877-
a_4	43 490-	35 522+	740-	11 819+	11 429+	407-
a_5	6 645+	257+		811-	1 564+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
April 22						
a_0	182.9443 093+	0.7315 695+	0.9380 3198+	295.7109 973+	26.6731 238-	0.9900 4230+
a_1	11.2996 855+	6.1001 231-	0.0110 0128+	15.6880 093+	2.4724 368+	0.0009 7135-
a_2	1267 339+	905 652-	2 9075+	3630 063-	8580 981+	8 0282-
a_3	444 262+	380 510+	1 3547-	680 716-	470 103-	5142+
a_4	8 208+	19 481+	78-	133 518+	64 872-	309-
a_5	1 610-	1 325+		1 203-	9 142+	
April 23						
a_0	194.4158 148+	5.4189 873-	0.9491 8777+	310.9811 600+	23.3951 723-	0.9883 1646+
a_1	11.6889 075+	6.1586 468-	0.0111 7327+	14.8105 777+	4.0262 201+	0.0024 3513-
a_2	2633 358+	366 074+	1 1896-	4883 883-	6873 004+	6 6748-
a_3	459 706+	471 117+	1 3877-	163 709-	640 134-	3837+
a_4	757+	26 506+	354+	122 362+	18 137-	431-
a_5	3 881-	405+		9 720-	5 536+	
April 24						
a_0	206.4137 163+	11.4912 238-	0.9601 0686+	325.2982 427+	18.7469 252-	0.9852 4790+
a_1	12.3518 490+	5.9332 945-	0.0105 3322+	13.8287 738+	5.2042 896+	0.0036 7227-
a_2	3978 239+	1942 604+	5 1268-	4738 408-	4899 050+	5 7799-
a_3	421 871+	579 921+	1 2438-	228 943+	659 562-	2051+
a_4	18 359-	29 162+	788+	71 332+	8 923+	346-
a_5	7 545-	1 722-		8 678-	1 620+	
April 25						
a_0	219.2029 860+	17.1695 218-	0.9700 1090+	338.6823 353+	13.1176 325-	0.9810 1469+
a_1	13.2629 401+	5.3599 978-	0.0091 6627+	12.9739 726+	5.9906 079+	0.0047 8057-
a_2	5058 008+	3840 203+	8 3764-	3710 382-	2989 984+	5 3647-
a_3	271 704+	677 229+	9218-	429 481+	608 886-	633+
a_4	57 654-	21 126+	1082+	27 954+	16 217+	108-
a_5	10 018-	5 401-		5 109-	445-	
April 26						
a_0	232.9921 300+	22.0762 039-	0.9782 5817+	351.3305 023+	6.8873 376-	0.9757 0290+
a_1	14.3279 887+	4.3830 428-	0.0072 5777+	12.3693 704+	6.4122 025+	0.0058 3885-
a_2	5426 316+	5944 542+	10 4916-	2305 216-	1256 097+	5 2306-
a_3	55 908-	705 637+	4799-	491 568+	548 788-	198+
a_4	112 481-	6 514-	1119+	3 083+	13 489+	188+
a_5	4 745-	9 197-		2 736-	948-	
April 27						
a_0	247.8454 368+	25.7957 999-	0.9844 2998+	3.5185 426+	0.4031 502-	0.9693 4486+
a_1	15.3491 327+	2.9896 466-	0.0050 6029+	12.0556 637+	6.5037 075+	0.0068 7147-
a_2	4535 799+	7930 001+	11 2671-	839 302-	318 855-	5 0502-
a_3	544 253-	588 039+	244-	476 913+	504 129-	981+
a_4	139 409-	55 288-	881+	10 042-	8 486+	442+
a_5	11 462+	8 663-		2 085-	607-	
April 28						
a_0	263.5809 295+	27.9400 376-	0.9883 6993+	15.5367 547+	6.0190 468+	0.9619 8260+
a_1	16.0429 982+	1.2536 729-	0.0028 3480+	12.0258 175+	6.2917 896+	0.0078 3439-
a_2	2182 092+	9275 435+	10 8248-	510 357+	1786 425-	4 4869-
a_3	980 488-	284 488+	3313+	415 607+	475 815-	2796+
a_4	75 863-	100 914-	460+	20 241-	5 286+	572+
a_5	24 147+	1 113-		2 585-	165+	
April 29						
a_0	279.7389 167+	28.2479 209-	0.9901 5998+	27.6528 860+	12.0851 575+	0.9537 3319+
a_1	16.1669 898+	0.6458 479+	0.0007 8764+	12.2431 816+	5.7939 582+	0.0086 2500-
a_2	971 905-	9512 525+	9 5683-	1609 831+	3180 524-	3 3059-
a_3	1046 671-	125 589-	5136+	308 457+	452 431-	5131+
a_4	53 206+	104 801-	15+	33 458-	6 007+	547+
a_5	16 277+	7 358+		3 216-	1 193+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
May 8						
a_0	40-0842 290+	17-5165 402+	0-9448 3439+	145-0625 223+	18-7677 668+	0-9061 3010+
a_1	12-6426 947+	5-0251 247+	0-0091 1034-	11-6754 898+	4-3782 015-	0-0040 5913+
a_2	2302 141+	4489 834-	1 4432-	2525 956-	3814 456-	14 3657+
a_3	142 950+	415 901-	7352+	252 329+	283 108+	502-
a_4	50 512-	12 058+	391+	31 016+	6 104-	793-
a_5	2 433-	2 206+		2 327-	658+	
May 9						
a_0	52-9661 382+	22-0525 178+	0-9356 5715+	156-5135 183+	14-0358 859+	0-9116 1285+
a_1	13-1245 906+	4-0083 140+	0-0091 6280-	11-2572 413+	5-0582 717-	0-0068 8549+
a_2	2403 395+	5643 071-	9897+	1606 152-	2995 143-	13 7357+
a_3	81 422-	345 447-	8926+	353 759+	265 778+	3675-
a_4	63 915-	23 525+	164+	19 403+	2 637-	914-
a_5	1 106+	2 539+		1 204-	1 516+	
May 10						
a_0	66-3166 452+	25-4645 865+	0-9266 8420+	167-6473 403+	8-7045 656+	0-9198 2603+
a_1	13-5558 359+	2-7867 445+	0-0086 9056-	11-0492 985+	5-5778 632-	0-0094 8584+
a_2	1786 680+	6512 773-	3 7583+	440 469-	2198 446-	12 0824+
a_3	323 128-	226 601-	9573+	419 694+	270 705+	7350-
a_4	58 454-	36 866+	69-	13 626+	5 087+	1004-
a_5	6 320+	1 431+		580-	2 058+	
May 11						
a_0	80-0136 229+	27-5812 233+	0-9184 6452+	178-6958 658+	2-9346 427+	0-9304 3657+
a_1	13-7960 150+	1-4316 688+	0-0076 5446-	11-0922 726+	5-9332 770-	0-0116 4164+
a_2	530 029+	6957 040-	6 5830+	894 623+	1335 199-	9 2758+
a_3	492 248-	66 150-	9282+	468 180+	311 750+	1 1415-
a_4	25 001-	44 259+	262-	11 172+	15 568+	988-
a_5	9 046+	902-		935-	2 277+	
May 12						
a_0	93-8118 205+	28-3149 088+	0-9115 5855+	189-9254 424+	3-0991 947-	0-9428 8176+
a_1	13-7488 661+	0-0376 664+	0-0060 6991-	11-4156 501+	6-0994 268-	0-0131 1478+
a_2	1005 997-	6899 025-	9 2057+	2356 940+	283 711-	5 2654+
a_3	503 188-	100 737+	8217+	502 369+	396 533+	1 5448-
a_4	22 152+	39 245+	404-	7 229+	27 350+	768-
a_5	6 526+	2 905-		2 862-	1 865+	
May 13						
a_0	107-4126 360+	27-6763 805+	0-9064 8735+	201-6274 600+	9-1844 179-	0-9563 6093+
a_1	13-4088 284+	1-2976 721-	0-0039 9841-	12-0392 043+	6-0253 392-	0-0136 7364+
a_2	2317 392-	6390 495-	11 4253+	3878 900+	1088 756+	1855+
a_3	352 250-	228 464+	6593+	500 296+	523 509+	1 8616-
a_4	54 825+	23 977+	505-	6 281-	37 477+	270-
a_5	1 308+	3 247-		6 921-	66+	
May 14						
a_0	120-5601 135+	25-7645 784+	0-9036 9234+	214-1032 637+	15-0447 763-	0-9698 6426+
a_1	12-8622 551+	2-4992 631-	0-0015 3576-	12-9590 950+	5-6355 164-	0-0131 4142+
a_2	3032 295-	5593 762-	13 0975+	5272 798+	2884 972+	5 5379-
a_3	121 984-	292 522+	4572+	403 235+	671 639+	1 9759-
a_4	60 121+	7 369+	590-	41 421-	38 939+	485+
a_5	2 354-	2 136-		11 864-	4 110-	
May 15						
a_0	133-1127 174+	22-7357 146+	0-9035 0616+	227-6246 335+	20-3211 488-	0-9822 5917+
a_1	12-2420 713+	3-5283 776-	0-0011 9733+	14-1121 266+	4-8435 167-	0-0114 6052+
a_2	3061 223-	4693 336-	14 1125+	6114 643+	5092 453+	11 1486-
a_3	94 445+	301 513+	2219+	119 779+	782 835+	1 7797-
a_4	47 288+	3 275-	682-	105 407-	18 634+	1317+
a_5	3 172-	604-		10 924-	10 236-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
May 24						
a_0	242.3485 690+	24.5762 970-	0.9924 4004+	0.6877 542+	1.7895 002-	0.9678 4176+
a_1	15.3233 819+	3.5878 432-	0.0087 4965+	11.9896 494+	6.4321 188+	0.0092 3488-
a_2	5731 299+	7449 975+	15 6788-	1495 132-	191 131-	1336-
a_3	401 727-	753 485+	1 2404-	526 166+	470 484-	4925+
a_4	166 972-	35 483-	1922+	9 605-	15 451+	578-
a_5	5 385+	13 256-		1 802-	1 724-	
May 25						
a_0	258.1887 494+	27.3486 681-	0.9995 1699+	12.5793 664+	4.5778 297+	0.9586 3699+
a_1	16.2850 515+	1.8926 156-	0.0053 1873+	11.8437 298+	6.2580 667+	0.0091 3698-
a_2	3578 647+	9364 316+	18 2436-	7 773+	1527 155-	1 0054+
a_3	1003 805-	483 096+	4534-	469 571+	425 457-	2601+
a_4	136 480-	106 409-	2033+	18 186-	6 599+	304-
a_5	27 641+	6 078-		2 096-	917-	
May 26						
a_0	274.7204 014+	28.2677 912-	1.0029 8634+	24.4688 022+	10.6412 033+	0.9496 2352+
a_1	16.6588 664+	0.0795 885+	0.0016 1539+	11.9778 321+	5.8271 812+	0.0088 7003-
a_2	26 637+	1.0114 429+	18 3972-	1286 394+	2773 131-	1 6116+
a_3	1274 024-	3 954+	3752+	375 335+	407 513-	1397+
a_4	15 020+	136 380-	1601+	28 705-	1 831+	34-
a_5	26 306+	7 150+		3 045-	327+	
May 27						
a_0	291.2586 617+	27.1892 874-	1.0028 1554+	36.6096 322+	16.1505 359+	0.9409 2828+
a_1	16.3011 224+	2.0526 896+	0.0018 8742-	12.3347 065+	5.1511 984+	0.0085 0716-
a_2	3441 929-	9380 192+	16 3347-	2209 597+	3981 430-	2 0166+
a_3	963 268-	466 730-	1 0214+	229 995+	396 069-	1286+
a_4	148 798+	95 805-	830+	44 675-	3 410+	174+
a_5	3 391+	12 918+		3 251-	1 812+	
May 28						
a_0	307.1344 831+	24.2535 403-	0.9994 0509+	49.1835 053+	20.8645 065+	0.9326 3738+
a_1	15.3849 540+	3.7568 415+	0.0048 1476-	12.8261 315+	4.2383 627+	0.0080 5830-
a_2	5406 065-	7534 705+	12 7971-	2598 809+	5131 020-	2 5102+
a_3	342 827-	722 833-	1 3492+	20 177+	363 669-	2013+
a_4	158 607+	28 748-	36+	62 322-	12 775+	289+
a_5	11 556-	8 972+		924-	2 960+	
May 29						
a_0	321.9592 530+	19.8174 892-	0.9934 4590+	62.2652 108+	24.5549 739+	0.9248 5312+
a_1	14.2585 571+	5.0399 130+	0.0069 6800-	13.3265 611+	3.1096 479+	0.0074 8429-
a_2	5599 092-	5283 360+	8 7453-	2276 031+	6115 670-	3 2882+
a_3	175 686+	751 507-	1 3542+	235 387-	283 111-	3199+
a_4	96 596+	15 542+	534-	67 802-	28 318+	308+
a_5	11 639-	2 959+		4 290+	2 743+	
May 30						
a_0	335.6839 652+	14.3225 408-	0.9857 3345+	75.7894 852+	27.0278 499+	0.9177 3272+
a_1	13.2242 685+	5.8788 252+	0.0083 3222-	13.6861 810+	1.8142 769+	0.0067 1835-
a_2	4608 904-	3151 508+	5 0112-	1206 127+	6767 573-	4 4307+
a_3	448 393+	661 860-	1 1306+	461 060-	143 601-	4452+
a_4	38 136+	29 149+	792-	45 135-	42 690+	246+
a_5	6 749-	649-		9 052+	651+	
May 31						
a_0	348.4953 214+	8.1919 009-	0.9770 0525+	89.5465 646+	28.1553 436+	0.9115 0442+
a_1	12.4488 901+	6.3219 020+	0.0090 2699-	13.7755 598+	0.4350 806+	0.0056 8881-
a_2	3102 274-	1334 208+	2 0941-	357 004-	6935 747-	5 9102+
a_3	535 547+	552 490-	8064+	551 251-	32 100+	5447+
a_4	5 285+	25 125+	775-	2 571+	45 786+	131+
a_5	3 131-	1 855-		8 731+	2 134-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
June 9						
a_0	103.2324 291+	27.9044 247+	0.9064 6240+	197.0104 442+	7.0214 363-	0.9435 1985+
a_1	13.5441 718+	0.9251 932-	0.0043 3812-	11.5434 456+	5.9465 646-	0.0142 0983+
a_2	1907 889-	6586 191-	7 6185+	3294 022+	482 706+	7 9762+
a_3	456 455-	193 057+	5975+	540 752+	415 779+	1 3556-
a_4	47 213+	34 294+	9-	5 884+	32 410+	1333-
a_5	3 656+	3 603-		4 528-	2 109+	
June 10						
a_0	116.5452 534+	26.3429 871+	0.9029 4579+	208.9375 027+	12.8747 005-	0.9583 7842+
a_1	13.0463 652+	2.1725 978-	0.0026 3552-	12.3645 583+	5.7112 745-	0.0153 4502+
a_2	2957 564-	5837 385-	9 4012+	4906 393+	1945 775+	3 1187+
a_3	233 896-	294 456+	5941+	515 758+	564 899+	1 9014-
a_4	64 493+	15 610+	156-	15 999-	44 179+	1055-
a_5	1 388-	3 108-		10 210-	573-	
June 11						
a_0	129.2787 832+	23.6173 466+	0.9013 0825+	221.8416 552+	18.3305 470-	0.9738 3463+
a_1	12.4097 845+	3.2470 462-	0.0005 8328-	13.4890 551+	5.1352 717-	0.0153 5607+
a_2	3286 380-	4891 457-	11 0853+	6255 245+	3900 035+	3 1957-
a_3	8 998+	326 678+	5320+	347 174+	732 317+	2 3386-
a_4	56 188+	80-	306-	69 155-	42 807+	329-
a_5	3 391-	1 583-		14 993-	6 726-	
June 12						
a_0	141.3661 092+	19.9136 562+	0.9018 8364+	235.9825 372+	22.9989 754-	0.9886 3400+
a_1	11.7759 880+	4.1281 561-	0.0017 8114+	14.8091 067+	4.1218 178-	0.0140 0216+
a_2	2956 284-	3927 709-	12 4925+	6730 739+	6286 468+	10 3735-
a_3	200 061+	311 395+	4101+	74 644-	832 073+	2 4802-
a_4	38 512+	7 835-	468-	152 115-	8 493+	812+
a_5	2 928-	75-		7 449-	14 369-	
June 13						
a_0	152.8700 332+	15.4230 777+	0.9049 5035+	251.4412 969+	26.4095 269-	1.0013 5892+
a_1	11.2586 915+	4.8234 497-	0.0043 8394+	16.0683 193+	2.6186 896-	0.0112 1591+
a_2	2154 336-	3041 255-	13 4361+	5518 898+	8689 176+	17 2887-
a_3	325 559+	279 944+	2238+	743 004-	722 578+	2 1506-
a_4	23 756+	8 019-	654-	194 578-	68 760-	2054+
a_5	1 648-	1 031+		18 856+	14 417-	
June 14						
a_0	163.9480 579+	10.3227 982+	0.9106 9373+	267.9696 337+	28.0953 589-	1.0106 5146+
a_1	10.9341 718+	5.3504 085-	0.0071 1215+	16.8808 137+	0.6987 787-	0.0071 9529+
a_2	1051 583-	2239 205-	13 7085+	2312 757+	1.0299 562+	22 4830-
a_3	404 704+	258 627+	368-	1323 561-	310 879+	1 3068-
a_4	15 693+	2 741-	871-	87 744-	145 196-	2873+
a_5	615-	1 804+		36 293+	845-	
June 15						
a_0	174.8190 496+	4.7742 382+	0.9191 6434+	284.9442 221+	27.7476 975-	1.0154 9649+
a_1	10.8512 363+	5.7208 551-	0.0098 0796+	16.9293 252+	1.3959 125+	0.0024 2172+
a_2	250 579+	1461 709-	13 0682+	1819 732-	1.0353 127+	24 6803-
a_3	461 470+	266 037+	3853-	1321 097-	270 513-	1280-
a_4	12 963+	6 380+	1104-	105 937+	145 515-	2854+
a_5	353-	2 379+		18 134+	13 322+	
June 16						
a_0	185.7427 517+	1.0653 083-	0.9302 2955+	301.5718 716+	25.3567 428-	1.0154 6592+
a_1	11.0448 005+	5.9296 442-	0.0122 6184+	16.2204 636+	3.3338 406+	0.0024 3848-
a_2	1709 319+	601 495-	11 2440+	4966 819-	8802 506+	23 3779-
a_3	509 172+	315 501+	8297-	730 437-	718 510-	1 0345+
a_4	11 810+	18 486+	1296-	191 131+	73 450-	2012+
a_5	1 381-	2 669+		7 896-	14 369+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
June 25						
a_0	317.2409 330+	21.2204 108-	1.0108 1321+	58.9971 131+	23.8568 801+	0.9235 1468+
a_1	15.0804 643+	4.8565 854+	0.0067 2320-	13.0957 442+	3.3301 996+	0.0080 7118-
a_2	6091 454-	6350 109+	19 1050-	2350 511+	5810 910-	6 7668+
a_3	49 356-	872 486-	1 8429+	128 007-	283 671-	624-
a_4	143 783+	629-	779+	66 852-	18 620+	12-
a_5	15 031-	7 318+		2 096+	2 933+	
June 26						
a_0	331.7201 915+	15.8153 941-	1.0023 7158+	72.3086 321+	26.5797 768+	0.9161 1381+
a_1	13.8973 691+	5.8682 619+	0.0099 6024-	13.5017 572+	2.0918 292+	0.0067 3703-
a_2	5527 437-	3801 865+	13 1433-	1586 374+	6520 766-	6 5775+
a_3	377 988+	805 384-	2 1438+	371 512-	180 506-	650-
a_4	66 681+	34 643+	328-	56 067-	34 066+	166+
a_5	10 251-	1 136+		7 348+	1 825+	
June 27						
a_0	345.1082 587+	9.6439 062-	0.9913 0810+	85.9270 037+	28.0050 679+	0.9100 2969+
a_1	12.9268 311+	6.4014 414+	0.0119 5898-	13.6888 279+	0.7480 601+	0.0054 3439-
a_2	4095 783-	1604 749+	6 9302-	209 220+	6839 601-	6 4851+
a_3	545 296+	657 181-	1 9971+	521 266-	27 424-	38+
a_4	16 280+	39 097+	1009-	17 160-	43 465+	266+
a_5	4 859-	1 778-		9 211+	717-	
June 28						
a_0	357.6811 832+	3.1439 761-	0.9788 4572+	99.5838 322+	28.0707 004+	0.9052 4685+
a_1	12.2753 488+	6.5399 857+	0.0127 8635-	13.5720 300+	0.6110 620-	0.0041 2557-
a_2	2410 663-	150 099-	1 5520-	1365 187-	6668 326-	6 6571+
a_3	563 405+	518 981-	1 5804+	499 730-	138 039+	1127+
a_4	6 969-	29 526+	1239-	30 617+	39 338+	291+
a_5	2 183-	2 428-		5 733+	2 894-	
June 29						
a_0	9.7708 910+	3.3318 114+	0.9660 4982+	112.9730 055+	26.8102 541+	0.9018 0117+
a_1	11.9583 593+	6.3648 685+	0.0126 7222-	13.1641 811+	1.8890 278-	0.0027 4869-
a_2	784 006-	1554 224-	2 4487+	2623 401-	6047 230-	7 1685+
a_3	513 974+	424 878-	1 0772+	322 970-	266 189+	2311+
a_4	17 246-	17 033+	1144-	58 945+	24 109+	249+
a_5	1 758-	1 926-		369+	3 327-	
June 30						
a_0	21.7003 467+	9.5002 804+	0.9537 1875+	125.8484 808+	24.3452 003+	0.8997 9493+
a_1	11.9479 721+	5.9324 118+	0.0119 0511-	12.5663 688+	3.0106 359-	0.0012 3570-
a_2	636 875+	2745 960-	5 0019+	3235 153-	5137 329-	8 0080+
a_3	426 994+	375 360-	6163+	85 368-	329 927+	3321+
a_4	25 848-	7 173+	880-	59 438+	7 114+	151+
a_5	2 506-	803-		2 815-	2 304-	
July 1						
a_0	33.7518 704+	15.1211 973+	0.9423 6666+	138.0884 598+	20.8543 052+	0.8993 9476+
a_1	12.1918 529+	5.2730 814+	0.0107 5506-	11.9160 949+	3.9374 284-	0.0004 7159+
a_2	1737 644+	3837 056-	6 3325+	3162 932-	4127 896-	9 0907+
a_3	298 199+	353 822-	2639+	123 966+	336 169+	3938+
a_4	38 791-	3 019+	563-	44 394+	4 372-	11+
a_5	3 146-	723+		3 171-	870-	
July 2						
a_0	46.1431 139+	19.9755 651+	0.9322 6561+	149.7047 805+	16.5371 800+	0.9008 1492+
a_1	12.6117 534+	4.4010 946+	0.0094 3190-	11.3368 722+	4.6643 390-	0.0024 0834+
a_2	2367 856+	4873 162-	6 7958+	2556 428-	3154 287-	10 2734+
a_3	112 268+	333 644-	400+	270 405+	310 687+	3994+
a_4	55 674-	6 746+	261-	28 228+	8 550-	165-
a_5	1 992-	2 263+		2 110-	323+	

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 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
July 11						
a_0	160-8156 622+	11-5876 584+	0-9042 8890+	260-6595 653+	27-6944 403-	1-0026 9311+
a_1	10-9169 456+	5-2052 477-	0-0045 7626+	16-4411 946+	1-5018 777-	0-0132 6562+
a_2	1596 947-	2270 269-	11 3659+	4563 505+	9513 283+	14 8553-
a_3	362 879+	280 227+	3346+	997 559-	585 817+	2 7014-
a_4	17 731+	6 791-	379-	169 668-	97 141-	1303+
a_5	929-	1 181+		28 731+	11 276-	
July 12						
a_0	171-6108 812+	6-1828 454+	0-9100 3142+	277-4432 611+	28-1972 497-	1-0142 1610+
a_1	10-7130 487+	5-5773 586-	0-0069 3469+	17-0011 301+	0-5320 467+	0-0095 3631+
a_2	411 186-	1458 509-	12 1347+	842 378+	1-0574 869+	22 1333-
a_3	424 892+	265 257+	1846+	1387 042-	93 034+	2 1693-
a_4	13 316+	803-	634-	10 075-	155 324-	2759+
a_5	264-	1 836+		32 284+	4 291+	
July 13						
a_0	182-3266 057+	0-4862 651+	0-9181 9170+	294-3921 458+	26-6135 160-	1-0213 4975+
a_1	10-7634 731+	5-7888 855-	0-0093 9166+	16-7655 767+	2-6149 581+	0-0045 6941+
a_2	940 797+	649 172-	12 2991+	3055 656-	9965 679+	26 9622-
a_3	475 354+	280 713+	678-	1118 255-	479 425-	1 0336-
a_4	12 408+	8 473+	929-	156 186+	128 614-	3527+
a_5	516-	2 364+		6 456+	14 760+	
July 14						
a_0	193-2328 832+	5-3383 826-	0-9287 9719+	310-7565 955+	23-0613 179-	1-0231 5485+
a_1	11-0989 418+	5-8299 344-	0-0117 9396+	15-8846 503+	4-4201 986+	0-0009 9182-
a_2	2436 247+	267 493+	11 5285+	5409 931-	7903 895+	27 9570-
a_3	518 758+	338 340+	4399-	439 971-	847 238-	4138+
a_4	10 568+	20 565+	1239-	180 139+	50 821-	3182+
a_5	2 308-	2 553+		12 768-	12 657+	
July 15						
a_0	204-6281 515+	11-1054 219-	0-9416 8762+	326-0729 926+	17-9392 700-	1-0194 4051+
a_1	11-7448 869+	5-6654 326-	0-0139 1810+	14-7363 428+	5-7327 988+	0-0063 3171-
a_2	4032 987+	1431 547+	9 4578+	5777 496-	5183 839+	24 8450-
a_3	535 516+	445 543+	9396-	151 980+	927 853-	1 7067+
a_4	46+	34 077+	1484-	110 875+	12 549+	1921+
a_5	6 479-	1 610+		13 627-	5 723+	
July 16						
a_0	216-8292 455+	16-5795 765-	0-9564 4269+	340-2565 086+	11-7790 454-	1-0108 1416+
a_1	12-7089 116+	5-2310 282-	0-0154 6834+	13-6639 803+	6-4990 859+	0-0107 1189-
a_2	5575 014+	2988 960+	5 7477+	4792 654-	2532 621+	18 6192-
a_3	467 527+	595 827+	1 5434-	462 316+	823 464-	2 4722+
a_4	32 288-	43 573+	1513-	42 328+	39 926+	396+
a_5	12 501-	1 981-		7 940-	522+	
July 17						
a_0	230-1379 322+	21-4479 670-	0-9723 1633+	353-4908 940+	5-1049 991-	0-9984 9153+
a_1	13-9450 060+	4-4380 577-	0-0160 9424+	12-8571 106+	6-7747 992+	0-0136 7829-
a_2	6658 208+	5018 241+	2222+	3230 993-	306 845+	11 0015-
a_3	212 851+	746 221+	2 1654-	554 680+	659 973-	2 6136+
a_4	99 108-	34 892+	1119-	3 684+	41 504+	791-
a_5	14 009-	9 127-		3 692-	1 872-	
July 18						
a_0	244-7587 323+	25-3070 020-	0-9882 0507+	6-0803 724+	1-6384 504+	0-9839 6653+
a_1	15-2938 727+	3-2011 567-	0-0154 4421+	12-3769 453+	6-6538 412+	0-0151 2625-
a_2	6560 766+	7374 669+	6 9150-	1581 656-	1442 869-	3 6542-
a_3	314 638-	791 037+	2 6320-	533 444+	512 967-	2 2787+
a_4	177 929-	12 895-	149-	13 918-	31 516+	1398-
a_5	1 403+	15 625-		2 107-	2 331-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
July 27						
a_0	18.3508 941+	8.0996 264+	0.9686 8875+	122.6991 106+	25.0615 603+	0.8993 6610+
a_1	12.2140 266+	6.2228 187+	0.0152 2946-	12.6925 726+	2.7900 407-	0.0013 8954-
a_2	85 855-	2816 047-	2 3397+	3036 149-	5381 818-	7 8002+
a_3	456 669+	409 840-	1 7066+	144 066-	309 701+	1523+
a_4	24 074-	19 490+	1503-	56 156+	12 741+	290+
a_5	2 223-	1 669-		1 881-	2 331-	
July 28						
a_0	30.5993 725+	14.0016 385+	0.9538 4891+	135.0790 892+	21.7653 490+	0.8987 4425+
a_1	12.3231 150+	5.5436 203+	0.0143 0968-	12.0636 434+	3.7695 617-	0.0001 3643+
a_2	1117 445+	3945 350-	6 5636+	3150 383-	4399 583-	7 5177+
a_3	337 888+	347 813-	1 0990+	61 120+	337 965+	341-
a_4	35 383-	10 932+	1308-	45 721+	1 025+	301+
a_5	2 736-	360-		2 937-	1 248-	
July 29						
a_0	43.0642 088+	19.1169 996+	0.9402 9241+	146.8380 846+	17.5896 033+	0.8996 3206+
a_1	12.6324 501+	4.6544 007+	0.0127 1959-	11.4687 231+	4.5483 010-	0.0016 4181+
a_2	1891 318+	4926 803-	9 0854+	2722 143-	3391 991-	7 5944+
a_3	169 406+	306 813-	5739+	214 986+	330 188+	885+
a_4	49 920-	9 133+	991-	30 590+	5 104-	246+
a_5	2 101-	1 170+		2 307-	206-	
July 30						
a_0	55.8975 291+	23.2490 691+	0.9285 2883+	158.0589 203+	12.7345 910+	0.9020 4461+
a_1	13.0405 204+	3.5812 357+	0.0107 7001-	10.9998 739+	5.1297 866-	0.0031 9709+
a_2	2078 833+	5780 691-	10 2224+	1916 728-	2434 090-	8 0036+
a_3	49 526-	258 003-	1779+	314 880+	308 175+	1888+
a_4	61 544-	15 354+	660-	19 027+	6 015-	125+
a_5	955+	2 209+		1 236-	581+	
July 31						
a_0	69.1349 213+	26.2281 917+	0.9187 9225+	168.9003 885+	7.3916 695+	0.9060 6219+
a_1	13.4172 941+	2.3549 425+	0.0086 9855-	10.7179 860+	5.5262 670-	0.0048 5946+
a_2	1570 505+	6440 388-	10 3693+	870 276-	1539 830-	8 6393+
a_3	283 539-	174 687-	847-	379 057+	290 279+	2407+
a_4	56 927-	27 059+	363-	12 991+	3 027-	58-
a_5	5 626+	1 894+		461-	1 177+	
August 1						
a_0	82.6757 820+	27.9245 220+	0.9111 1853+	179.5705 056+	1.7402 624+	0.9118 0907+
a_1	13.6263 788+	1.0262 272+	0.0066 6461-	10.6626 140+	5.7477 710-	0.0066 5721+
a_2	434 804+	6783 098-	9 9052+	340 264+	675 371-	9 3190+
a_3	453 481-	48 518-	2282-	426 459+	290 232+	2193+
a_4	27 241-	36 953+	116-	10 966+	2 923+	299-
a_5	8 340+	117+		347-	1 670+	
August 2						
a_0	96.2984 030+	28.2712 946+	0.9054 2047+	190.3108 539+	4.0455 632-	0.9194 1712+
a_1	13.5705 670+	0.3301 105-	0.0047 5666-	10.8628 165+	5.7937 710-	0.0085 7486+
a_2	1005 432-	6705 799-	9 1571+	1682 032+	229 590+	9 7883+
a_3	480 107-	99 318+	2728-	466 282+	318 815+	1012+
a_4	16 255+	37 300+	77+	9 711+	11 417+	594-
a_5	6 418+	1 912-		1 289-	2 000+	
August 3						
a_0	109.7226 834+	27.2840 749+	0.9015 5301+	201.3893 439+	9.7831 519-	0.9289 7499+
a_1	13.2351 543+	1.6275 117-	0.0030 0398-	11.3423 438+	5.6466 419-	0.0105 3913+
a_2	2284 021-	6203 250-	8 3893+	3126 346+	1274 602+	9 7253+
a_3	353 532-	228 884+	2400-	490 699+	384 333+	1356-
a_4	48 548+	27 133+	214+	3 996+	21 818+	926-
a_5	1 734+	2 796-		3 899-	1 776+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
August 12						
a_0	213.0934 019+	15.2615 408-	0.9404 6383+	334.0611 393+	14.5486 992-	1.0209 4138+
a_1	12.1144 665+	5.2668 082-	0.0124 0648+	14.2725 794+	6.3534 928+	0.0042 3181-
a_2	4583 490+	2576 406+	8 7530+	4719 815-	4067 928+	27 0364-
a_3	465 136+	488 338+	5074-	282 595+	898 630-	9157+
a_4	14 985-	31 581+	1251-	72 767+	12 635+	2876+
a_5	8 367-	67+		10 041-	4 296+	
August 13						
a_0	225.7103 959+	20.2187 098-	0.9536 8237+	347.8962 693+	7.8765 834-	1.0141 2624+
a_1	13.1605 243+	4.5923 647-	0.0139 5480+	13.4374 858+	6.9046 878+	0.0092 4930-
a_2	5805 065+	4231 755+	6 4736+	3535 816-	1490 705+	22 6066-
a_3	319 583+	612 802+	1 0136-	475 657+	807 174-	2 0796+
a_4	58 433-	33 130+	1469-	22 846+	33 395+	1482+
a_5	12 048-	4 279-		5 719-	795+	
August 14						
a_0	239.4763 369+	24.3237 338-	0.9681 6847+	1.0294 518+	0.9001 235-	1.0028 3904+
a_1	14.3880 221+	3.5510 678-	0.0148 8659+	12.8793 015+	6.9744 303+	0.0130 8751-
a_2	6291 888+	6226 142+	2 5532+	2028 850-	722 594-	15 5240-
a_3	31 282-	699 076+	1 6135-	511 309+	666 725-	2 6645+
a_4	124 499-	11 740+	1412-	4 924-	36 697+	9+
a_5	6 719-	10 457-		3 207-	1 046-	
August 15						
a_0	254.4772 977+	27.1821 514-	0.9831 3492+	13.7561 860+	5.9389 400+	0.9884 6567+
a_1	15.5838 775+	2.0966 509-	0.0148 5660+	12.6233 515+	6.6440 493+	0.0153 9268-
a_2	5383 213+	8288 764+	3 1178-	556 479-	2513 129-	7 5571-
a_3	585 458-	640 434+	2 1964-	459 932+	530 658-	2 6498+
a_4	162 638-	43 887-	879-	20 460-	30 930+	1026-
a_5	12 960+	12 607-		2 574-	1 478-	
August 16						
a_0	270.5259 830+	28.3915 319-	0.9974 5131+	26.3675 795+	12.2815 558+	0.9725 7200+
a_1	16.4263 251+	0.2706 171-	0.0135 3884+	12.6405 644+	5.9938 596+	0.0161 5027-
a_2	2781 733+	9820 107+	10 2002-	674 798+	3934 365-	2376-
a_3	1097 868-	343 250+	2 5658-	352 327+	421 374-	2 2222+
a_4	89 924-	110 940-	230+	33 391-	23 166+	1486-
a_5	28 997+	4 722-		2 677-	862-	
August 17						
a_0	287.1146 022+	27.6573 794-	1.0097 1586+	39.1072 496+	17.8420 719+	0.9566 0534+
a_1	16.6318 291+	1.7496 557+	0.0107 3825+	12.8665 280+	5.0894 112+	0.0155 9061-
a_2	759 935-	1.0137 151+	17 7135-	1504 550+	5068 129-	5 5368+
a_3	1173 032-	141 138-	2 4788-	192 424+	336 663-	1 6170+
a_4	65 713+	133 447-	1723+	47 480-	18 737+	1503-
a_5	18 689+	7 187+		2 002-	311+	
August 18						
a_0	303.5615 746+	24.9207 482-	1.0184 5212+	52.1385 268+	22.3929 088+	0.9417 1508+
a_1	16.1635 380+	3.6849 648+	0.0065 2092+	13.2051 753+	3.9824 379+	0.0140 5829-
a_2	3698 149-	8985 494+	24 0761-	1776 770+	5962 553-	9 4929+
a_3	735 177-	600 272-	1 7725-	15 935-	258 060-	1 0113+
a_4	157 140+	93 550-	3038+	58 482-	20 534+	1282-
a_5	2 906-	11 890+		707+	1 287+	
August 19						
a_0	319.2972 033+	20.4054 271-	1.0224 1856+	65.5140 082+	25.7554 675+	0.9286 9440+
a_1	15.2647 473+	5.2705 043+	0.0012 9563+	13.5327 147+	2.7213 665+	0.0119 0760-
a_2	4990 849-	6742 550+	27 5567-	1385 109+	6600 581-	11 7669+
a_3	141 216-	857 074-	5225-	240 407-	163 091-	4978+
a_4	136 113+	32 255-	3512+	55 157-	27 497+	983-
a_5	12 160-	9 016+		4 931+	1 235+	

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DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
August 28						
a_0	79-1561 706+	27-8033 401+	0-9180 0344+	176-9781 915+	3-0459 501+	0-9113 5813+
a_1	13-7180 205+	1-3639 381+	0-0094 4419-	10-7056 168+	5-7738 030-	0-0055 6670+
a_2	382 435+	6912 464-	12 6797+	25 248+	866 932-	5 8646+
a_3	410 214-	41 469-	1057+	389 815+	313 689+	655-
a_4	29 216-	34 052+	692-	8 990+	3 011+	226+
a_5	7 659+	37-		448-	1 073+	
August 29						
a_0	92-8692 575+	28-4752 865+	0-9098 3087+	187-7261 690+	2-7827 688-	0-9175 0698+
a_1	13-6635 846+	0-0173 946-	0-0069 0421-	10-8309 824+	5-8513 414-	0-0067 2899+
a_2	946 690-	6832 948-	12 5896+	1244 197+	102 952+	5 7984+
a_3	451 245-	93 481+	1697-	420 922+	336 574+	274+
a_4	10 727+	33 714+	438-	7 097+	8 474+	67+
a_5	6 298+	1 616-		1 077-	1 274+	
August 30						
a_0	106-3947 511+	27-7871 551+	0-9041 6427+	198-7242 653+	8-5891 829-	0-9248 1923+
a_1	13-3463 081+	1-3432 628-	0-0044 5472-	11-2083 968+	5-7257 528-	0-0078 9960+
a_2	2173 043-	6366 445-	11 8243+	2538 844+	1176 294+	5 9136+
a_3	347 688-	211 766+	3438-	437 470+	383 112+	566+
a_4	42 579+	25 153+	224-	2 222+	15 093+	170-
a_5	2 136+	2 334-		2 898-	1 134+	
August 31						
a_0	119-4934 576+	25-8307 063+	0-9008 5536+	210-2302 258+	14-1573 723-	0-9333 1415+
a_1	12-8254 887+	2-5441 274-	0-0022 0195-	11-8468 426+	5-3689 574-	0-0090 9251+
a_2	2939 406-	5603 619-	10 6642+	3835 643+	2427 613+	5 9722+
a_3	158 052-	289 240+	4325-	415 568+	454 199+	99-
a_4	52 396+	13 136+	42-	11 910-	21 312+	467-
a_5	1 411-	1 953-		6 022-	88+	
September 1						
a_0	132-0142 990+	22-7562 592+	0-8996 7616+	222-5003 963+	19-2360 084-	0-9429 9823+
a_1	12-2104 434+	3-5738 007-	0-0002 0053-	12-7308 639+	4-7386 094-	0-0102 6533+
a_2	3113 445-	4676 623-	9 3463+	4950 527+	3919 078+	5 6527+
a_3	36 639+	322 759+	4483-	306 150+	538 764+	1966-
a_4	44 372+	3 320+	111+	42 912-	22 539+	787-
a_5	2 696-	1 057-		8 896-	2 592-	
September 2						
a_0	143-9212 293+	18-7472 985+	0-9003 6654+	235-7517 470+	23-5268 390-	0-9538 0129+
a_1	11-6151 472+	4-4114 970-	0-0015 3868+	13-7912 046+	3-7854 495-	0-0113 0539+
a_2	2764 337-	3698 976-	8 0716+	5522 014+	5644 721+	4 5820+
a_3	187 355+	325 957+	4027-	47 094+	600 689+	5142-
a_4	30 400+	1 852-	228+	90 965-	9 825+	1067-
a_5	2 306-	218-		6 529-	6 686-	
September 3						
a_0	155-2814 878+	13-9982 925+	0-9026 7439+	250-0901 129+	26-6874 336-	0-9655 0279+
a_1	11-1294 946+	5-0543 546-	0-0030 4132+	14-8700 986+	2-4757 141-	0-0120 2481+
a_2	2042 952-	2734 380-	7 0024+	5051 637+	7438 645+	2 3953+
a_3	286 416+	316 711+	3096-	375 012-	571 826+	9479-
a_4	18 776+	2 816-	297+	127 587-	25 242-	1199-
a_5	1 377-	369+		5 849+	9 168-	
September 4						
a_0	166-2370 687+	8-7019 263+	0-9063 8796+	265-4157 004+	28-3655 416-	0-9776 6036+
a_1	10-8136 517+	5-5071 585-	0-0043 6082+	15-7198 282+	0-8311 140-	0-0121 7148+
a_2	1084 812-	1797 433-	6 2519+	3219 996+	8910 598+	1 1625-
a_3	348 175+	309 372+	1885-	819 082-	381 149+	1 4392-
a_4	11 992+	886-	301+	95 357-	73 871-	1038-
a_5	644-	769+		20 205+	5 758-	

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 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
September 13						
a_0	281.3681 049+	28.2754 438-	0.9895 6130+	33.9903 650+	15.8472 959+	0.9737 1329+
a_1	16.0900 609+	1.0329 320+	0.0114 6562+	13.0949 828+	5.6368 167+	0.0150 9309-
a_2	393 820+	9553 185+	6 0847-	1509 206+	4850 395-	3 9276-
a_3	999 143-	32 440+	1 8693-	208 370+	446 899-	2 3347+
a_4	13 929+	103 077-	453-	47 497-	26 879+	929-
a_5	18 938+	2 076+		2 504-	599+	
September 14						
a_0	297.4009 201+	26.2940 493-	1.0002 2700+	47.2521 054+	20.9571 309+	0.9584 5163+
a_1	15.8841 058+	2.9131 142+	0.0096 6971+	13.4390 877+	4.5437 193+	0.0152 1539-
a_2	2330 394-	9053 123+	11 9331-	1824 126+	6023 815-	2 5085+
a_3	762 332-	356 138-	2 0621-	4 960-	333 134-	1 9503+
a_4	110 463+	90 461-	560+	61 115-	30 020+	1276-
a_5	3 742+	7 261+		412+	1 095+	
September 15						
a_0	312.9871 737+	22.5195 564-	1.0085 0279+	60.8670 394+	24.8682 668+	0.9436 6936+
a_1	15.2353 707+	4.5843 440+	0.0066 8685+	13.7781 904+	3.2515 713+	0.0141 7970-
a_2	3917 813-	7514 800+	17 7468-	1446 629+	6832 080-	7 5929+
a_3	289 557-	645 318-	1 8374-	242 652-	202 316-	1 4317+
a_4	124 914+	52 474-	1758+	59 352-	35 963+	1293-
a_5	7 553-	7 174+		5 090+	746+	
September 16						
a_0	327.8135 434+	17.2527 944-	1.0132 4880+	74.7602 014+	27.4200 692+	0.9303 7919+
a_1	14.4111 278+	5.8763 031+	0.0026 5668+	13.9735 285+	1.8392 167+	0.0122 8335-
a_2	4113 005-	5335 766+	22 1765-	413 656+	7215 751-	11 1171+
a_3	133 457+	784 808-	1 1165-	427 414-	51 819-	9112+
a_4	83 983+	16 406-	2666+	32 497-	40 006+	1133-
a_5	9 122-	4 795+		8 230+	690-	
September 17						
a_0	341.8342 025+	10.9225 566-	1.0136 0284+	88.7299 274+	28.5364 606+	0.9192 8734+
a_1	13.6575 989+	6.7038 464+	0.0020 0679-	13.9191 500+	0.3961 766+	0.0098 3190-
a_2	3300 051-	2930 806+	23 9214-	981 011-	7138 105-	13 1774+
a_3	379 629+	803 742-	221-	475 880-	100 437+	4575+
a_4	37 802+	7 252+	2835+	10 527+	36 308+	918-
a_5	6 441-	2 619+		6 825+	2 240-	
September 18						
a_0	355.2028 954+	4.0050 167-	1.0092 3005+	102.5051 234+	28.2322 772+	0.9108 0975+
a_1	13.1233 805+	7.0530 934+	0.0066 8417-	13.5878 019+	0.9879 105-	0.0070 9590-
a_2	1998 693-	589 232+	22 3071-	2277 186-	6641 425-	14 0053+
a_3	467 790+	749 407-	1 1352+	368 072-	222 996+	910+
a_4	6 105+	20 049+	2169+	45 066+	24 549+	712-
a_5	4 124-	1 128+		2 256+	2 710-	
September 19						
a_0	8.1733 836+	3.0341 769+	1.0004 5037+	115.8331 317+	26.6047 078+	0.9051 1636+
a_1	12.8643 596+	6.9546 999+	0.0107 1823-	13.0410 931+	2.2408 310-	0.0042 9602-
a_2	599 874-	1527 469-	17 6357-	3088 595-	5852 287-	13 8566+
a_3	451 486+	658 423-	2 0104+	167 473-	294 497+	1929-
a_4	14 021-	25 393+	1008+	55 378+	10 656+	535-
a_5	3 297-	274+		1 622-	1 985-	
September 20						
a_0	21.0211 725+	9.7728 544+	0.9881 7967+	128.5539 937+	23.8089 649+	0.9021 8135+
a_1	12.8725 735+	6.4619 735+	0.0136 0199-	12.3944 712+	3.3196 684-	0.0016 0399-
a_2	637 472+	3347 690-	11 0354-	3275 124-	4924 712-	12 9616+
a_3	362 481+	554 198-	2 4058+	36 996+	317 931+	4064-
a_4	30 507-	26 439+	142-	46 211+	734+	380-
a_5	3 255-	129+		2 974-	820-	
September 21						
September 22						
September 23						
September 24						
September 25						
September 26						
September 27						
September 28						

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
September 29						
a_0	140-6289 756+	20-0286 098+	0-9018 2908+	232-6403 203+	22-6835 970-	0-9512 8781+
a_1	11-7675 426+	4-2093 469-	0-0008 5119+	13-6037 002+	4-0553 599-	0-0083 5245+
a_2	2916 702-	3974 687-	11 5187+	5087 403+	5429 520+	4202+
a_3	192 323+	313 223+	5586-	35 564+	581 913+	940-
a_4	30 816+	3 188-	233-	83 080-	2 885+	152-
a_5	2 509-	137+		5 356-	5 915-	
September 30						
a_0	152-1269 109+	15-4528 114+	0-9037 7395+	246-7474 736+	26-1381 166-	0-9596 7135+
a_1	11-2529 717+	4-9115 236-	0-0029 7802+	14-5959 520+	2-7966 870-	0-0084 0219+
a_2	2179 953-	3052 751-	9 7078+	4641 594+	7133 214+	378+
a_3	291 063+	302 165+	6521-	344 338-	533 576+	1552-
a_4	18 187+	2 325-	80-	113 057-	28 094-	445-
a_5	1 505-	698+		5 159+	7 324-	
October 1						
a_0	163-1926 617+	10-2660 663+	0-9076 5675+	261-7623 615+	28-1716 664-	0-9680 5735+
a_1	10-9108 229+	5-4320 056-	0-0047 2077+	15-3783 396+	1-2248 674-	0-0083 4538+
a_2	1212 686-	2153 213-	7 7087+	2982 156+	8491 841+	7019-
a_3	349 202+	299 988+	6840-	738 377-	349 811+	3364-
a_4	10 793+	1 282+	81+	84 940-	66 793-	682-
a_5	734-	950+		17 264+	4 090-	
October 2						
a_0	174-0181 420+	4-6489 615+	0-9130 8080+	277-3583 114+	28-5194 569-	0-9762 9208+
a_1	10-7769 966+	5-7716 637-	0-0060 6055+	15-7279 129+	0-5496 890+	0-0080 7679+
a_2	107 640-	1236 038-	5 7098+	430 969+	9099 599+	2 1225-
a_3	385 142+	314 661+	6510-	905 713-	45 229+	6155-
a_4	7 344+	6 117+	231+	8 102+	87 362-	766-
a_5	525-	1 019+		16 859+	2 186+	
October 3						
a_0	184-8235 708+	1-2141 264-	0-9196 4954+	293-0412 460+	27-0638 028-	0-9840 8741+
a_1	10-8736 857+	5-9215 169-	0-0070 1648+	15-5540 495+	2-3493 296+	0-0074 3695+
a_2	1086 638+	245 145-	3 8990+	2068 688-	8733 240+	4 4234-
a_3	408 907+	349 271+	5565-	711 492-	280 222-	9310-
a_4	5 042+	11 315+	341+	94 384+	74 525-	603-
a_5	1 110-	936+		4 459+	5 928+	
October 4						
a_0	195-8472 042+	7-1240 056-	0-9270 0368+	308-3271 617+	23-8760 312-	0-9909 8290+
a_1	11-2151 454+	5-8607 711-	0-0076 4297+	14-9668 358+	3-9850 639+	0-0062 4882+
a_2	2332 561+	879 957+	2 4350+	3592 749-	7504 890+	7 5638-
a_3	416 999+	403 661+	4171-	295 204-	519 341-	1 1816-
a_4	100-	16 217+	373+	113 396+	43 529-	144-
a_5	2 749-	542+		5 753-	5 269+	
October 5						
a_0	207-3370 205+	12-8547 389-	0-9348 5216+	322-9159 665+	19-1962 384-	0-9963 5575+
a_1	11-8053 394+	5-5569 250-	0-0080 1976+	14-2022 039+	5-3154 599+	0-0043 7580+
a_2	3555 488+	2193 728+	1 4049+	3855 942-	5738 380+	11 1732-
a_3	387 582+	473 289+	2644-	99 447+	642 056-	1 2446-
a_4	13 631-	19 359+	298+	81 782+	17 191-	558+
a_5	5 432-	564-		7 916-	2 955+	
October 6						
a_0	219-5347 606+	18-1430 827-	0-9429 8896+	336-7499 074+	13-3725 697-	0-9994 9536+
a_1	12-6245 406+	4-9687 334-	0-0082 3338+	13-4896 059+	6-2651 183+	0-0017 9014+
a_2	4581 986+	3724 196+	7850+	3146 189-	3738 537+	14 5490-
a_3	277 539+	543 759+	1418-	348 440+	682 198-	1 0184-
a_4	41 648-	17 079+	115+	41 521+	2 927-	1308+
a_5	7 687-	2 843-		5 965-	1 359+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
October 15						
a_0	349.9632 940+	6.8019 743-	0.9997 4185+	97.7921 903+	28.4822 677+	0.9200 4935+
a_1	12.9785 284+	6.8076 746+	0.0013 7278-	13.9513 206+	0.5348 055-	0.0094 6275-
a_2	1911 344-	1687 913+	16 8035-	2245 615-	7063 253-	11 7116+
a_3	455 968+	680 632-	4828-	468 599-	229 085+	8291+
a_4	12 098+	3 485+	1820+	49 419+	33 038+	915-
a_5	4 026-	842+		3 628+	3 935-	
October 16						
a_0	2.7970 921+	0.1068 611+	0.9966 5864+	111.4773 944+	27.2669 557+	0.9118 3152+
a_1	12.7358 772+	6.9428 828+	0.0048 0544-	13.3831 940+	1.8674 818-	0.0069 0829-
a_2	511 047-	324 686-	17 1587-	3318 785-	6217 204-	13 6530+
a_3	464 428+	658 219-	2620+	237 703-	322 403+	4628+
a_4	7 536-	7 493+	1864+	66 406+	12 776+	820-
a_5	3 467-	950+		1 754-	2 989-	
October 17						
a_0	15.5272 070+	6.9522 977+	0.9901 8217+	124.5114 047+	24.8109 725+	0.9063 2661+
a_1	12.7682 476+	6.6839 528+	0.0080 8395-	12.6738 090+	3.0105 839-	0.0040 7167-
a_2	802 353+	2244 907-	15 2680-	3651 223-	5203 235-	14 5520+
a_3	399 393+	618 497-	1 0211+	9 161+	344 588+	1352+
a_4	24 763-	12 105+	1418+	56 163+	2 200-	729-
a_5	3 899-	1 376+		3 783-	1 271-	
October 18						
a_0	28.4127 630+	13.3512 582+	0.9806 8770+	136.8262 455+	21.3141 769+	0.9037 1637+
a_1	13.0366 818+	6.0549 531+	0.0107 7447-	11.9668 867+	3.9493 681-	0.0011 4986-
a_2	1812 856+	4014 021-	11 3765-	3324 709-	4195 339-	14 5226+
a_3	261 421+	555 963-	1 5930+	196 258+	323 917+	1557+
a_4	44 918-	18 919+	682+	36 531+	8 310-	656-
a_5	3 833-	2 008+		3 227-	174+	
October 19						
a_0	41.6519 974+	18.9513 057+	0.9689 4170+	148.4836 174+	16.9768 529+	0.9039 9665+
a_1	13.4577 989+	5.0939 324+	0.0125 4461-	11.3738 223+	4.6944 971-	0.0016 8174+
a_2	2289 058+	5548 282-	6 2113-	2549 046-	3271 674-	13 6642+
a_3	44 945+	459 986-	1 8619+	310 871+	292 922+	4180-
a_4	65 558-	29 175+	61-	20 303+	7 195-	592-
a_5	1 208-	2 439+		1 889-	1 043+	
October 20						
a_0	55.3365 200+	23.4475 726+	0.9559 6154+	159.6354 635+	11.9838 654+	0.9069 9708+
a_1	13.9022 733+	3.8591 686+	0.0132 3077-	10.9644 519+	5.2633 115-	0.0042 6547+
a_2	2018 321+	6728 722-	6791-	1513 495-	2425 624-	12 0573+
a_3	226 125-	319 316-	1 8293+	373 808+	274 811+	6560-
a_4	72 563-	41 976+	606-	11 020+	1 809-	513-
a_5	4 500+	1 764+		832-	1 459+	
October 21						
a_0	69.4112 066+	26.6063 115+	0.9428 3973+	170.4869 654+	6.5054 376+	0.9123 9754+
a_1	14.2113 302+	2.4352 993+	0.0128 4207-	10.7778 874+	5.6659 868-	0.0064 5958+
a_2	949 749+	7417 103-	4 4365+	334 246-	1597 430-	9 7853+
a_3	468 500-	135 028-	1 5790+	409 803+	282 235+	8633-
a_4	48 715-	51 300+	891-	7 109+	5 617+	385-
a_5	9 664+	446-		447-	1 587+	
October 22						
a_0	83.6667 566+	28.2914 831+	0.9305 9030+	181.2730 746+	0.7086 518+	0.9197 4547+
a_1	14.2460 755+	0.9316 647+	0.0115 1672-	10.8365 981+	5.8977 617-	0.0081 4222+
a_2	651 017-	7518 889-	8 6367+	933 386+	701 119-	6 9703+
a_3	566 939-	64 294+	1 2173+	433 489+	320 486+	1 0200-
a_4	2 326+	48 766+	964-	5 229+	13 710+	185-
a_5	9 213+	2 971-		949-	1 453+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
October 31						
a_0	192.2467 882+	5.2256 569-	0.9284 8087+	304.8902 149+	24.6535 476-	0.9851 2730+
a_1	11.1549 368+	5.9356 296-	0.0092 2287+	14.9863 935+	3.6068 611+	0.0024 9650+
a_2	2255 797+	357 177+	3 8077+	4016 428-	7509 030+	5 9715-
a_3	443 937+	389 505+	1 0959-	333 709-	535 145-	462+
a_4	982+	21 251+	87+	124 849+	36 880-	433-
a_5	2 639-	876+		6 590-	6 259+	
November 1						
a_0	203.6715 327+	11.0844 056-	0.9379 7580+	319.4534 205+	20.3523 601-	0.9870 2693+
a_1	11.7383 473+	5.7384 063-	0.0096 5913+	14.1296 367+	4.9364 969+	0.0012 9870+
a_2	3567 155+	1662 029+	5816+	4334 859-	5744 894+	6 0924-
a_3	419 756+	482 405+	1 0610-	98 368+	622 091-	1340-
a_4	11 828-	26 119+	389+	88 578+	5 639-	423-
a_5	5 624-	576-		8 730-	2 670+	
November 2						
a_0	215.8068 259+	16.6058 142-	0.9475 9087+	333.1673 930+	14.9038 798-	0.9876 9877+
a_1	12.5701 591+	5.2511 226-	0.0094 7271+	13.3232 443+	5.8979 251+	0.0000 2307+
a_2	4699 098+	3260 291+	2 3604-	3595 706-	3871 382+	6 7413-
a_3	314 607+	579 500+	9025-	366 764+	619 400-	3095-
a_4	40 686-	23 848+	641+	44 204+	6 989+	201-
a_5	8 541-	3 373-		6 150-	159+	
November 3						
a_0	228.8734 327+	21.4709 102-	0.9567 4371+	346.1715 484+	8.6800 418-	0.9870 1474+
a_1	13.5838 185+	4.4173 661-	0.0087 5557+	12.7287 415+	6.4892 553+	0.0014 2613-
a_2	5312 908+	5108 144+	4 6795-	2291 630-	2056 607+	7 7792-
a_3	67 638+	639 101+	6404-	483 489+	590 382-	3935-
a_4	86 665-	6 980+	756+	13 943+	7 166+	176+
a_5	6 782-	7 032-		3 690-	719-	
November 4						
a_0	242.9859 610+	25.3135 570-	0.9649 7486+	358.7205 010+	2.0435 193-	0.9847 7310+
a_1	14.6286 473+	3.2047 325-	0.0076 5785+	12.4191 950+	6.7259 692+	0.0030 9297-
a_2	4927 430+	6996 758+	6 1491-	794 322-	321 205+	8 8413-
a_3	340 351-	595 911+	3314-	502 845+	568 750-	3221-
a_4	124 605-	29 917-	681+	3 871-	3 174+	592+
a_5	4 602+	8 602-		2 914-	450-	
November 5						
a_0	258.0613 160+	27.7628 745-	0.9719 9146+	11.1098 699+	4.6579 678+	0.9807 6971+
a_1	15.4645 030+	1.6428 706-	0.0063 5585+	12.4081 779+	6.6206 311+	0.0049 3416-
a_2	3205 081+	8518 600+	6 7428-	661 893+	1370 540-	9 4429-
a_3	784 898-	392 633+	545-	457 877+	559 966-	797-
a_4	99 400-	75 513-	429+	18 069-	659+	902+
a_5	19 041+	4 399-		3 619-	531+	
November 6						
a_0	273.7598 015+	28.5226 130-	0.9776 7186+	23.6278 559+	11.0856 673+	0.9748 9231+
a_1	15.8398 105+	0.1462 433+	0.0050 0809+	12.6688 814+	6.1790 638+	0.0068 1051-
a_2	445 521+	9199 424+	6 6598-	1890 867+	3041 205-	9 1378-
a_3	991 909-	50 962+	1182+	348 907+	551 175-	2892+
a_4	3 798+	97 545-	82+	36 462-	3 152+	994+
a_5	19 362+	3 479+		4 632-	1 979+	
November 7						
a_0	289.5472 892+	27.4607 375-	0.9820 2661+	36.5166 053+	16.9060 063+	0.9672 0688+
a_1	15.6425 265+	1.9641 434+	0.0037 1486+	13.1348 273+	5.4077 224+	0.0085 1152-
a_2	2313 440-	8802 204+	6 2660-	2672 279+	4656 009-	7 6786-
a_3	790 822-	301 957-	1484+	157 362+	517 947-	6941+
a_4	103 125+	77 566-	241-	61 030-	13 190+	839+
a_5	5 130+	7 784+		3 685-	3 444+	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
November 16						
a_0	49.9279 251 +	21.7979 964 +	0.9580 0530 +	155.7907 885 +	13.6169 115 +	0.9045 6645 +
a_1	13.6902 429 +	4.3281 347 +	0.0098 0543 -	11.0213 648 +	5.0544 945 -	0.0021 7698 +
a_2	2741 047 +	6096 168 -	5 1031 -	2086 957 -	2548 349 -	14 7545 +
a_3	120 641 -	430 579 -	1 0337 +	385 818 +	273 498 +	747 -
a_4	81 374 -	31 140 +	506 +	14 106 +	9 054 -	772 -
a_5	1 460 +	3 804 +		1 179 -	1 560 +	
November 17						
a_0	63.8722 172 +	25.4769 509 +	0.9477 9799 +	166.6433 321 +	8.3341 825 +	0.9082 0370 +
a_1	14.1704 488 +	2.9940 834 +	0.0104 9569 -	10.7247 726 +	5.4849 559 -	0.0050 7460 +
a_2	1905 489 +	7162 874 -	1 7104 -	856 626 -	1766 554 -	14 0656 +
a_3	427 288 -	269 127 -	1 2361 +	430 926 +	253 125 +	3835 -
a_4	73 972 -	51 196 +	114 +	8 490 +	1 129 -	831 -
a_5	9 048 +	1 811 +		350 -	1 968 +	
November 18						
a_0	78.1839 937 +	27.7331 349 +	0.9372 5601 +	177.3263 486 +	2.6979 677 +	0.9146 3820 +
a_1	14.3982 984 +	1.5021 503 +	0.0104 6239 -	10.6859 461 +	5.7617 963 -	0.0077 3944 +
a_2	270 711 +	7644 935 -	2 0558 +	483 640 +	994 247 -	12 4158 +
a_3	630 953 -	48 332 -	1 2790 +	461 322 +	268 403 +	7175 -
a_4	25 565 -	60 476 +	229 -	7 109 +	8 832 +	862 -
a_5	12 218 +	1 933 -		442 -	2 161 +	
November 19						
a_0	92.5449 333 +	28.4718 128 +	0.9271 2481 +	188.1074 576 +	3.1353 137 -	0.9235 3885 +
a_1	14.2590 327 +	0.0181 155 -	0.0096 7669 -	10.9236 917 +	5.8755 118 -	0.0099 7286 +
a_2	1652 984 -	7446 549 -	5 7482 +	1905 914 +	114 397 -	9 7482 +
a_3	613 686 -	172 701 +	1 1839 +	484 535 +	325 230 +	1 0663 -
a_4	38 170 +	49 815 +	467 -	5 454 +	19 887 +	802 -
a_5	7 384 +	4 658 -		1 792 -	1 993 +	
November 20						
a_0	106.5818 543 +	27.7308 282 +	0.9181 3666 +	199.2705 604 +	8.9875 542 -	0.9343 7188 +
a_1	13.7632 816 +	1.4380 181 -	0.0081 9058 -	11.4515 169 +	5.7918 723 -	0.0115 7048 +
a_2	3191 277 -	6676 297 -	9 0155 +	3374 418 +	1000 630 +	6 0749 +
a_3	391 411 -	325 397 +	9942 +	486 622 +	424 067 +	1 3936 -
a_4	74 495 +	25 414 +	599 -	2 794 -	30 406 +	580 -
a_5	156 -	4 574 -		4 886 -	931 +	
November 21						
a_0	119.9943 010 +	25.6598 041 +	0.9109 4106 +	211.1074 132 +	14.6338 231 -	0.9464 0469 +
a_1	13.0373 182 +	2.6677 777 -	0.0061 1321 -	12.2688 216 +	5.4519 018 -	0.0123 4415 +
a_2	3920 400 -	5593 411 -	11 6364 +	4768 654 +	2464 715 +	1 5596 +
a_3	97 393 -	382 401 +	7527 +	424 066 +	553 324 +	1 6324 -
a_4	71 714 +	2 201 +	660 -	27 147 -	35 993 +	149 -
a_5	4 232 -	2 632 -		9 315 -	1 923 -	
November 22						
a_0	132.6365 882 +	22.4708 823 +	0.9060 6016 +	223.8918 606 +	19.7805 141 -	0.9587 4008 +
a_1	12.2505 899 +	3.6721 730 -	0.0035 8651 -	13.3342 549 +	4.7795 317 -	0.0121 6038 +
a_2	3824 806 -	4459 291 -	13 4978 +	5784 411 +	4321 520 +	3 4081 -
a_3	147 030 +	366 063 +	4885 +	221 547 +	675 199 +	1 6958 -
a_4	49 298 +	10 734 -	689 -	76 431 -	27 097 +	458 +
a_5	4 305 -	576 -		11 017 -	6 945 -	
November 23						
a_0	144.5238 999 +	18.3882 556 +	0.9038 6539 +	237.8179 663 +	24.0583 587 -	0.9703 9466 +
a_1	11.5473 064 +	4.4587 920 -	0.0007 6795 -	14.5215 311 +	3.7053 067 -	0.0109 8835 +
a_2	3131 026 -	3431 210 -	14 5489 +	5879 409 +	6440 055 +	8 2014 -
a_3	302 066 +	318 175 +	2133 +	188 782 -	711 680 +	1 5102 -
a_4	27 492 +	13 289 -	722 -	137 618 -	8 947 -	1091 +
a_5	2 710 -	803 +		1 604 -	11 484 -	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
December 2						
a_0	252.8946 380+	27.0505 351-	0.9804 2276+	7.9871 837+	3.1808 647+	0.9744 0305+
a_1	15.5849 516+	2.2131 098-	0.0089 3871+	12.1634 512+	6.5299 122+	0.0067 2309-
a_2	4471 140+	8406 007+	12 0638-	11 973+	1131 217-	2 6077-
a_3	744 199-	562 473+	1 0637-	509 482+	489 438-	2381+
a_4	146 944-	70 325-	1528+	14 296-	5 421+	373-
a_5	18 593+	9 191-		2 784-	1 028-	
December 3						
a_0	268.8394 488+	28.3747 484-	0.9880 6400+	20.2010 724+	9.5491 507+	0.9674 3927+
a_1	16.2064 488+	0.3958 799-	0.0062 6804+	12.3115 785+	6.1584 935+	0.0071 8812-
a_2	1544 235+	9579 299+	14 3364-	1426 805+	2577 335-	2 1079-
a_3	1141 484-	195 090+	4386-	423 759+	477 199-	880+
a_4	43 924-	118 209-	1583+	28 123-	31-	74-
a_5	27 223+	1 324+		4 061-	407+	
December 4						
a_0	285.0845 028+	27.8048 780-	0.9928 7038+	32.6944 889+	15.4022 284+	0.9600 4843+
a_1	16.1688 758+	1.5318 949+	0.0033 3258+	12.7107 870+	5.5000 600+	0.0075 8622-
a_2	1870 542-	9468 998+	14 7130-	2488 599+	4005 075-	1 8792-
a_3	1053 184-	259 595-	2062+	270 411+	472 124-	605+
a_4	99 125+	108 451-	1230+	49 291-	1 855+	209+
a_5	11 802+	10 101+		4 634-	2 370+	
December 5						
a_0	300.9720 986+	25.3618 776-	0.9947 6456+	45.6757 844+	20.4549 912+	0.9522 8243+
a_1	15.5243 432+	3.3094 861+	0.0005 0104+	13.2676 000+	4.5593 372+	0.0079 3552-
a_2	4317 930-	8141 000+	13 3753-	2957 455+	5386 555-	1 5662-
a_3	548 855-	592 336-	7025+	28 598+	440 065-	1479+
a_4	153 871+	54 571-	621+	74 394-	14 097+	403+
a_5	6 363-	9 928+		1 821-	4 043+	
December 6						
a_0	316.0245 141+	21.3019 895-	0.9940 0453+	59.2343 681+	24.4334 804+	0.9442 0910+
a_1	14.5544 619+	4.7431 151+	0.0019 3843-	13.8370 101+	3.3576 666+	0.0081 8827-
a_2	5105 676-	6135 914+	10 9142-	2578 470+	6581 582-	8788-
a_3	121-	714 124-	9480+	283 140-	343 420-	3133+
a_4	116 741+	4 430-	5-	84 870-	35 409+	469+
a_5	11 326-	4 916+		5 325+	3 806+	
December 7						
a_0	330.0789 378+	16.0166 467-	0.9910 6942+	73.2929 568+	27.1025 682+	0.9359 6898+
a_1	13.5743 271+	5.7567 420+	0.0038 3711-	14.2364 840+	1.9543 871+	0.0082 5124-
a_2	4519 080-	4015 987+	8 0872-	1273 337+	7361 190-	3410+
a_3	355 262+	685 148-	9383+	565 716-	165 453-	5046+
a_4	58 652+	19 238+	457-	56 418-	55 426+	411+
a_5	8 107-	656+		11 930+	758+	
December 8						
a_0	343.2419 377+	9.9248 315-	0.9865 1285+	87.5957 541+	28.3099 093+	0.9278 0642+
a_1	12.7965 012+	6.3624 158+	0.0051 9136-	14.3048 333+	0.4550 577+	0.0080 1519-
a_2	3182 387-	2082 399+	5 5522-	642 508-	7517 466-	2 0971-
a_3	510 958+	602 829-	7471+	672 573-	61 592+	6712+
a_4	18 664+	21 643+	649-	6 866+	58 895+	264+
a_5	4 314-	1 356-		11 008+	3 226-	
December 9						
a_0	355.7727 309+	3.4124 300-	0.9808 3449+	101.7708 668+	28.0249 465+	0.9200 7069+
a_1	12.3186 215+	6.6060 254+	0.0061 0367-	13.9828 020+	1.0080 148-	0.0073 8384-
a_2	1580 559-	390 121+	3 6987-	2508 798-	7011 759-	4 2635+
a_3	543 506+	530 036-	4807+	539 099-	263 860+	7774+
a_4	2 069-	14 312+	596-	62 996+	41 494+	78+
a_5	2 565-	1 704-		3 582+	5 048-	

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.

DAILY POLYNOMIAL COEFFICIENTS

	Apparent Right Ascension	Apparent Declination	Horizontal Parallax	Apparent Right Ascension	Apparent Declination	Horizontal Parallax
December 18						
a_0	115.4555 369+	26.3457 865+	0.9131 9172+	206.2587 613+	12.6400 216-	0.9352 8543+
a_1	13.3462 948+	2.3171 335-	0.0062 9480-	11.7161 861+	5.4936 092-	0.0129 8679+
a_2	3712 551-	6021 812-	6 6368+	4243 618+	1760 386+	9 4494+
a_3	254 954-	379 890+	8081+	506 063+	449 451+	1 2288-
a_4	79 185+	15 388+	106-	7 616-	35 398+	1249-
a_5	2 886-	4 046-		7 174-	801+	
December 19						
a_0	128.4127 110+	23.4655 950+	0.9076 4035+	218.4484 365+	17.9090 272-	0.9490 8179+
a_1	12.5575 267+	3.4033 940-	0.0047 2926-	12.7100 899+	4.9921 417-	0.0144 5801+
a_2	4031 440-	4830 276-	8 9925+	5644 257+	3329 331+	5 0207+
a_3	31 794+	402 197+	7648+	401 069+	596 658+	1 7391-
a_4	62 923+	4 898-	266-	44 135-	40 711+	1032-
a_5	4 773-	1 891-		12 221-	3 287-	
December 20						
a_0	140.5760 880+	19.6187 141+	0.9038 8417+	231.7574 233+	22.5048 277-	0.9638 5765+
a_1	11.7835 603+	4.2516 926-	0.0027 1193-	13.9354 999+	4.1326 450-	0.0148 9907+
a_2	3606 370-	3671 934-	11 1233+	6459 694+	5330 774+	7968-
a_3	236 375+	364 746+	6580+	103 484+	722 857+	2 1653-
a_4	38 336+	14 050-	403-	110 280-	24 828+	428-
a_5	3 649-	65-		10 751-	9 968-	
December 21						
a_0	152.0261 176+	15.0348 911+	0.9023 4633+	246.3371 377+	26.0306 237-	0.9784 5624+
a_1	11.1467 107+	4.8823 068-	0.0003 0598-	15.2090 157+	2.8446 900-	0.0140 7293+
a_2	2703 726-	2662 600-	12 8516+	5999 960+	7548 216+	7 5191-
a_3	354 260+	308 555+	4971+	435 158-	720 383+	2 3466-
a_4	20 103+	14 095-	532-	171 015-	27 903-	560+
a_5	1 866-	1 061+		6 712+	14 044-	
December 22						
a_0	162.9397 053+	9.9158 764+	0.9033 6990+	262.0862 035+	28.0526 487-	0.9915 4820+
a_1	10.7193 530+	5.3273 672-	0.0023 9218+	16.2134 348+	1.1371 079-	0.0118 8753+
a_2	1538 964-	1810 873-	14 0190+	3736 159+	9400 782+	14 1883-
a_3	416 761+	263 163+	2849+	1040 174-	472 125+	2 1208-
a_4	11 018+	8 638-	676-	132 961-	103 204-	1692+
a_5	572-	1 706+		28 961+	7 422-	
December 23						
a_0	173.5478 826+	4.4330 451+	0.9071 8571+	278.5588 371+	28.2135 284-	1.0018 2174+
a_1	10.5407 101+	5.6131 944-	0.0052 5442+	16.6099 071+	0.8397 090+	0.0084 8139+
a_2	228 260-	1056 133-	14 4627+	109 391+	1.0123 718+	19 5103-
a_3	455 380+	245 930+	154+	1284 049-	7 326-	1 4267-
a_4	8 467+	26-	847-	25 388+	140 295-	2523+
a_5	93-	2 139+		25 832+	6 366+	
December 24						
a_0	184.1121 420+	1.2609 584-	0.9138 7947+	295.0564 005+	26.3755 730-	1.0082 3466+
a_1	10.6350 112+	5.7495 826-	0.0081 1770+	16.2696 158+	2.8093 274+	0.0042 5238+
a_2	1187 803+	297 085-	13 9946+	3331 901-	9324 315+	22 2727-
a_3	487 961+	267 380+	3234-	937 019-	500 918-	3914-
a_4	8 453+	10 787+	1039-	155 934+	103 637-	2650+
a_5	673-	2 426+		2 085+	13 179+	
December 25						
a_0	194.9155 076+	7.0121 902-	0.9233 5390+			
a_1	11.0220 024+	5.7232 584-	0.0107 7805+			
a_2	2695 776+	594 084+	12 3962+			
a_3	513 764+	334 668+	7409-			
a_4	5 822+	23 250+	1205-			
a_5	2 849-	2 267+				

Formula: Quantity in degrees = $a_0 + a_1 p + a_2 p^2 + a_3 p^3 + a_4 p^4 + a_5 p^5$
 where p is the fraction of a day from 0^h TT.