

Efemeriden voor 89 Alinda en 152664 (1998 FW4)

Topocentrische posities voor Ukkel

Datum UT	Rechte klimming h m s	Declinatie ° ' "	Vis. magnitude	Afstand van de Aarde (AE)
89 Alinda				
2024-Dec-15 00:00	03 55 56.58	-19 00 13.3	12.3	0.14625
2024-Dec-15 12:00	03 57 14.35	-18 44 49.9	12.2	0.14432
2024-Dec-16 00:00	03 58 29.36	-18 29 25.1	12.2	0.14231
2024-Dec-16 12:00	03 59 52.42	-18 12 30.9	12.2	0.14041
2024-Dec-17 00:00	04 01 12.68	-17 55 31.9	12.1	0.13843
2024-Dec-17 12:00	04 02 41.35	-17 37 00.6	12.1	0.13655
2024-Dec-18 00:00	04 04 07.19	-17 18 20.7	12.1	0.13459
2024-Dec-18 12:00	04 05 41.79	-16 58 05.3	12.0	0.13274
2024-Dec-19 00:00	04 07 13.56	-16 37 37.3	12.0	0.13081
2024-Dec-19 12:00	04 08 54.44	-16 15 30.4	11.9	0.12899
2024-Dec-20 00:00	04 10 32.49	-15 53 06.3	11.9	0.12710
2024-Dec-20 12:00	04 12 20.03	-15 28 59.9	11.9	0.12531
2024-Dec-21 00:00	04 14 04.75	-15 04 31.4	11.8	0.12345
2024-Dec-21 12:00	04 15 59.34	-14 38 17.2	11.8	0.12170
2024-Dec-22 00:00	04 17 51.14	-14 11 35.3	11.7	0.11988
2024-Dec-22 12:00	04 19 53.19	-13 43 04.5	11.7	0.11817
2024-Dec-23 00:00	04 21 52.51	-13 14 00.0	11.6	0.11639
2024-Dec-23 12:00	04 24 02.45	-12 43 03.4	11.6	0.11473
2024-Dec-24 00:00	04 26 09.71	-12 11 26.8	11.5	0.11300
2024-Dec-24 12:00	04 28 27.99	-11 37 55.2	11.5	0.11138
2024-Dec-25 00:00	04 30 43.67	-11 03 36.9	11.5	0.10970
2024-Dec-25 12:00	04 33 10.74	-10 27 21.2	11.4	0.10815
2024-Dec-26 00:00	04 35 35.30	-09 50 11.8	11.3	0.10653
2024-Dec-26 12:00	04 38 11.61	-09 11 03.2	11.3	0.10503
2024-Dec-27 00:00	04 40 45.53	-08 30 53.6	11.2	0.10347
2024-Dec-27 12:00	04 43 31.55	-07 48 44.2	11.2	0.10204
2024-Dec-28 00:00	04 46 15.30	-07 05 26.7	11.1	0.10056
2024-Dec-28 12:00	04 49 11.46	-06 20 09.9	11.1	0.09921
2024-Dec-29 00:00	04 52 05.50	-05 33 38.0	11.0	0.09780
2024-Dec-29 12:00	04 55 12.24	-04 45 09.0	11.0	0.09653
2024-Dec-30 00:00	04 58 16.99	-03 55 18.6	10.9	0.09521
2024-Dec-30 12:00	05 01 34.69	-03 03 35.5	10.8	0.09403
2024-Dec-31 00:00	05 04 50.55	-02 10 25.3	10.8	0.09280
2024-Dec-31 12:00	05 08 19.54	-01 15 29.6	10.7	0.09172
2025-Jan-01 00:00	05 11 46.84	-00 19 02.4	10.7	0.09059
2025-Jan-01 12:00	05 15 27.39	+00 39 00.3	10.6	0.08962
2025-Jan-02 00:00	05 19 06.38	+01 38 37.0	10.5	0.08861
2025-Jan-02 12:00	05 22 58.64	+02 39 35.6	10.5	0.08775
2025-Jan-03 00:00	05 26 49.47	+03 42 08.9	10.4	0.08686
2025-Jan-03 12:00	05 30 53.49	+04 45 46.6	10.3	0.08613
2025-Jan-04 00:00	05 34 56.17	+05 50 57.4	10.3	0.08536
2025-Jan-04 12:00	05 39 11.85	+06 56 51.3	10.2	0.08476
2025-Jan-05 00:00	05 43 26.24	+08 04 14.0	10.2	0.08414

2025-Jan-05 12:00	05 47 53.28	+09 11 54.6	10.1	0.08368
2025-Jan-06 00:00	05 52 19.05	+10 20 57.5	10.0	0.08320
2025-Jan-06 12:00	05 56 56.98	+11 29 49.6	10.0	0.08289
2025-Jan-07 00:00	06 01 33.60	+12 39 55.1	9.9	0.08255
2025-Jan-07 12:00	06 06 21.73	+13 49 18.7	9.9	0.08240
2025-Jan-08 00:00	06 11 08.43	+14 59 45.2	9.8	0.08222
2025-Jan-08 12:00	06 16 05.83	+16 08 56.9	9.7	0.08222
2025-Jan-09 00:00	06 21 01.63	+17 18 59.9	9.7	0.08219
2025-Jan-09 12:00	06 26 07.14	+18 27 15.0	9.6	0.08235
2025-Jan-10 00:00	06 31 10.83	+19 36 09.5	9.6	0.08249
2025-Jan-10 12:00	06 36 23.07	+20 42 44.2	9.6	0.08280
2025-Jan-11 00:00	06 41 33.20	+21 49 47.0	9.5	0.08310
2025-Jan-11 12:00	06 46 50.60	+22 54 00.4	9.5	0.08357
2025-Jan-12 00:00	06 52 05.55	+23 58 32.0	9.5	0.08402
2025-Jan-12 12:00	06 57 26.37	+24 59 48.3	9.5	0.08464
2025-Jan-13 00:00	07 02 44.36	+26 01 14.9	9.5	0.08525
2025-Jan-13 12:00	07 08 06.75	+26 59 04.5	9.5	0.08602
2025-Jan-14 00:00	07 13 25.91	+27 56 58.9	9.5	0.08677
2025-Jan-14 12:00	07 18 47.95	+28 50 59.7	9.6	0.08769
2025-Jan-15 00:00	07 24 06.36	+29 45 02.3	9.6	0.08858
2025-Jan-15 12:00	07 29 26.14	+30 34 59.5	9.7	0.08963
2025-Jan-16 00:00	07 34 41.92	+31 24 58.0	9.7	0.09065
2025-Jan-16 12:00	07 39 57.59	+32 10 44.2	9.8	0.09183
2025-Jan-17 00:00	07 45 08.93	+32 56 33.2	9.9	0.09298
2025-Jan-17 12:00	07 50 18.75	+33 38 07.4	9.9	0.09429
2025-Jan-18 00:00	07 55 23.97	+34 19 47.7	10.0	0.09556
2025-Jan-18 12:00	08 00 26.37	+34 57 14.4	10.1	0.09697
2025-Jan-19 00:00	08 05 23.97	+35 34 51.9	10.1	0.09835
2025-Jan-19 12:00	08 10 17.58	+36 08 20.0	10.2	0.09988
2025-Jan-20 00:00	08 15 06.27	+36 42 04.4	10.3	0.10136
2025-Jan-20 12:00	08 19 49.94	+37 11 46.0	10.3	0.10298
2025-Jan-21 00:00	08 24 28.64	+37 41 49.9	10.4	0.10456
2025-Jan-21 12:00	08 29 01.46	+38 07 59.3	10.5	0.10628
2025-Jan-22 00:00	08 33 29.33	+38 34 37.2	10.5	0.10795
2025-Jan-22 12:00	08 37 50.61	+38 57 30.0	10.6	0.10975
2025-Jan-23 00:00	08 42 07.02	+39 20 57.2	10.6	0.11150
2025-Jan-23 12:00	08 46 16.30	+39 40 49.4	10.7	0.11338
2025-Jan-24 00:00	08 50 20.86	+40 01 21.7	10.8	0.11521
2025-Jan-24 12:00	08 54 17.87	+40 18 29.3	10.8	0.11717
2025-Jan-25 00:00	08 58 10.34	+40 36 22.1	10.9	0.11907
2025-Jan-25 12:00	09 01 55.00	+40 51 00.6	10.9	0.12110
2025-Jan-26 00:00	09 05 35.36	+41 06 28.8	11.0	0.12307
2025-Jan-26 12:00	09 09 07.73	+41 18 52.7	11.0	0.12516
2025-Jan-27 00:00	09 12 36.06	+41 32 10.3	11.1	0.12720
2025-Jan-27 12:00	09 15 56.35	+41 42 33.3	11.2	0.12935
2025-Jan-28 00:00	09 19 12.85	+41 53 53.2	11.2	0.13145
2025-Jan-28 12:00	09 22 21.36	+42 02 27.8	11.3	0.13365
2025-Jan-29 00:00	09 25 26.36	+42 12 01.9	11.3	0.13581
2025-Jan-29 12:00	09 28 23.47	+42 18 59.4	11.4	0.13807
2025-Jan-30 00:00	09 31 17.35	+42 26 58.7	11.4	0.14028

152664 (1998 FW4)

2025-Sep-25 00:00	00 57 18.26	+17 03 50.4	14.6	0.05764
2025-Sep-25 01:00	00 57 44.09	+17 13 59.4	14.6	0.05723
2025-Sep-25 02:00	00 58 10.41	+17 24 14.8	14.6	0.05683
2025-Sep-25 03:00	00 58 37.32	+17 34 36.6	14.6	0.05643
2025-Sep-25 04:00	00 59 04.97	+17 45 05.4	14.5	0.05604
2025-Sep-25 05:00	00 59 33.45	+17 55 41.6	14.5	0.05564
2025-Sep-25 06:00	01 00 02.84	+18 06 25.6	14.5	0.05525
2025-Sep-25 07:00	01 00 33.19	+18 17 18.3	14.5	0.05486
2025-Sep-25 08:00	01 01 04.52	+18 28 20.3	14.5	0.05447
2025-Sep-25 09:00	01 01 36.83	+18 39 32.3	14.5	0.05408
2025-Sep-25 10:00	01 02 10.07	+18 50 55.1	14.5	0.05368
2025-Sep-25 11:00	01 02 44.18	+19 02 29.3	14.5	0.05329
2025-Sep-25 12:00	01 03 19.06	+19 14 15.6	14.5	0.05290
2025-Sep-25 13:00	01 03 54.62	+19 26 14.3	14.4	0.05251
2025-Sep-25 14:00	01 04 30.72	+19 38 25.7	14.4	0.05211
2025-Sep-25 15:00	01 05 07.26	+19 50 50.1	14.4	0.05172
2025-Sep-25 16:00	01 05 44.14	+20 03 27.4	14.4	0.05132
2025-Sep-25 17:00	01 06 21.27	+20 16 17.4	14.4	0.05093
2025-Sep-25 18:00	01 06 58.58	+20 29 19.9	14.4	0.05054
2025-Sep-25 19:00	01 07 36.04	+20 42 34.4	14.4	0.05014
2025-Sep-25 20:00	01 08 13.66	+20 56 00.6	14.4	0.04975
2025-Sep-25 21:00	01 08 51.47	+21 09 37.9	14.4	0.04936
2025-Sep-25 22:00	01 09 29.55	+21 23 25.9	14.3	0.04897
2025-Sep-25 23:00	01 10 08.01	+21 37 24.2	14.3	0.04859
2025-Sep-26 00:00	01 10 46.97	+21 51 32.4	14.3	0.04820
2025-Sep-26 01:00	01 11 26.60	+22 05 50.6	14.3	0.04782
2025-Sep-26 02:00	01 12 07.06	+22 20 18.8	14.3	0.04745
2025-Sep-26 03:00	01 12 48.51	+22 34 57.1	14.3	0.04707
2025-Sep-26 04:00	01 13 31.11	+22 49 46.2	14.3	0.04670
2025-Sep-26 05:00	01 14 15.02	+23 04 46.7	14.3	0.04633
2025-Sep-26 06:00	01 15 00.34	+23 19 59.3	14.3	0.04596
2025-Sep-26 07:00	01 15 47.16	+23 35 25.1	14.3	0.04560
2025-Sep-26 08:00	01 16 35.53	+23 51 05.2	14.2	0.04523
2025-Sep-26 09:00	01 17 25.46	+24 07 00.7	14.2	0.04487
2025-Sep-26 10:00	01 18 16.93	+24 23 12.6	14.2	0.04451
2025-Sep-26 11:00	01 19 09.88	+24 39 42.0	14.2	0.04414
2025-Sep-26 12:00	01 20 04.21	+24 56 29.8	14.2	0.04378
2025-Sep-26 13:00	01 20 59.81	+25 13 36.7	14.2	0.04342
2025-Sep-26 14:00	01 21 56.56	+25 31 03.3	14.2	0.04306
2025-Sep-26 15:00	01 22 54.34	+25 48 49.8	14.2	0.04269
2025-Sep-26 16:00	01 23 53.02	+26 06 56.2	14.2	0.04233
2025-Sep-26 17:00	01 24 52.51	+26 25 22.4	14.2	0.04197
2025-Sep-26 18:00	01 25 52.74	+26 44 07.8	14.1	0.04161
2025-Sep-26 19:00	01 26 53.68	+27 03 12.0	14.1	0.04125
2025-Sep-26 20:00	01 27 55.32	+27 22 34.1	14.1	0.04090
2025-Sep-26 21:00	01 28 57.74	+27 42 13.5	14.1	0.04054
2025-Sep-26 22:00	01 30 01.03	+28 02 09.1	14.1	0.04019

2025-Sep-26 23:00	01 31 05.33	+28 22 20.5	14.1	0.03985
2025-Sep-27 00:00	01 32 10.83	+28 42 46.9	14.1	0.03950
2025-Sep-27 01:00	01 33 17.74	+29 03 28.0	14.1	0.03916
2025-Sep-27 02:00	01 34 26.29	+29 24 23.7	14.1	0.03883
2025-Sep-27 03:00	01 35 36.73	+29 45 34.1	14.1	0.03849
2025-Sep-27 04:00	01 36 49.29	+30 06 59.8	14.1	0.03816
2025-Sep-27 05:00	01 38 04.20	+30 28 41.6	14.1	0.03784
2025-Sep-27 06:00	01 39 21.66	+30 50 40.3	14.0	0.03752
2025-Sep-27 07:00	01 40 41.83	+31 12 57.4	14.0	0.03720
2025-Sep-27 08:00	01 42 04.84	+31 35 34.3	14.0	0.03688
2025-Sep-27 09:00	01 43 30.76	+31 58 32.3	14.0	0.03656
2025-Sep-27 10:00	01 44 59.62	+32 21 53.2	14.0	0.03625
2025-Sep-27 11:00	01 46 31.41	+32 45 38.1	14.0	0.03594
2025-Sep-27 12:00	01 48 06.07	+33 09 48.4	14.0	0.03563
2025-Sep-27 13:00	01 49 43.52	+33 34 24.9	14.0	0.03532
2025-Sep-27 14:00	01 51 23.66	+33 59 28.3	14.0	0.03502
2025-Sep-27 15:00	01 53 06.37	+34 24 58.8	14.0	0.03471
2025-Sep-27 16:00	01 54 51.55	+34 50 56.3	14.0	0.03441
2025-Sep-27 17:00	01 56 39.11	+35 17 20.0	14.0	0.03411
2025-Sep-27 18:00	01 58 29.00	+35 44 09.2	14.0	0.03381
2025-Sep-27 19:00	02 00 21.20	+36 11 22.3	14.0	0.03352
2025-Sep-27 20:00	02 02 15.77	+36 38 57.9	14.0	0.03323
2025-Sep-27 21:00	02 04 12.79	+37 06 54.1	14.0	0.03294
2025-Sep-27 22:00	02 06 12.43	+37 35 09.0	14.0	0.03266
2025-Sep-27 23:00	02 08 14.93	+38 03 40.8	14.0	0.03238
2025-Sep-28 00:00	02 10 20.56	+38 32 27.7	13.9	0.03211
2025-Sep-28 01:00	02 12 29.66	+39 01 28.1	13.9	0.03184
2025-Sep-28 02:00	02 14 42.61	+39 30 40.8	13.9	0.03158
2025-Sep-28 03:00	02 16 59.80	+40 00 04.9	13.9	0.03132
2025-Sep-28 04:00	02 19 21.65	+40 29 39.8	13.9	0.03107
2025-Sep-28 05:00	02 21 48.56	+40 59 25.3	13.9	0.03082
2025-Sep-28 06:00	02 24 20.93	+41 29 21.8	13.9	0.03058
2025-Sep-28 07:00	02 26 59.12	+41 59 29.7	13.9	0.03035
2025-Sep-28 08:00	02 29 43.43	+42 29 49.7	13.9	0.03012
2025-Sep-28 09:00	02 32 34.13	+43 00 22.6	13.9	0.02989
2025-Sep-28 10:00	02 35 31.42	+43 31 09.2	13.9	0.02967
2025-Sep-28 11:00	02 38 35.45	+44 02 10.1	14.0	0.02945
2025-Sep-28 12:00	02 41 46.31	+44 33 25.5	14.0	0.02924
2025-Sep-28 13:00	02 45 04.04	+45 04 55.4	14.0	0.02903
2025-Sep-28 14:00	02 48 28.64	+45 36 39.0	14.0	0.02883
2025-Sep-28 15:00	02 52 00.08	+46 08 35.2	14.0	0.02863
2025-Sep-28 16:00	02 55 38.34	+46 40 41.9	14.0	0.02843
2025-Sep-28 17:00	02 59 23.38	+47 12 56.6	14.0	0.02824
2025-Sep-28 18:00	03 03 15.20	+47 45 15.9	14.0	0.02806
2025-Sep-28 19:00	03 07 13.81	+48 17 35.9	14.0	0.02788
2025-Sep-28 20:00	03 11 19.30	+48 49 52.1	14.0	0.02771
2025-Sep-28 21:00	03 15 31.78	+49 21 59.6	14.0	0.02754
2025-Sep-28 22:00	03 19 51.45	+49 53 53.0	14.0	0.02738
2025-Sep-28 23:00	03 24 18.58	+50 25 26.9	14.0	0.02722
2025-Sep-29 00:00	03 28 53.48	+50 56 35.7	14.1	0.02708

2025-Sep-29 01:00	03 33 36.53	+51 27 14.2	14.1	0.02694
2025-Sep-29 02:00	03 38 28.15	+51 57 17.0	14.1	0.02681
2025-Sep-29 03:00	03 43 28.77	+52 26 39.3	14.1	0.02668
2025-Sep-29 04:00	03 48 38.86	+52 55 16.6	14.1	0.02657
2025-Sep-29 05:00	03 53 58.84	+53 23 05.0	14.1	0.02646
2025-Sep-29 06:00	03 59 29.11	+53 50 00.8	14.2	0.02636
2025-Sep-29 07:00	04 05 09.97	+54 16 01.0	14.2	0.02627
2025-Sep-29 08:00	04 11 01.67	+54 41 02.8	14.2	0.02618
2025-Sep-29 09:00	04 17 04.32	+55 05 03.8	14.2	0.02611
2025-Sep-29 10:00	04 23 17.91	+55 28 01.9	14.2	0.02604
2025-Sep-29 11:00	04 29 42.30	+55 49 54.9	14.3	0.02598
2025-Sep-29 12:00	04 36 17.19	+56 10 40.8	14.3	0.02592
2025-Sep-29 13:00	04 43 02.12	+56 30 17.6	14.3	0.02587
2025-Sep-29 14:00	04 49 56.51	+56 48 43.0	14.3	0.02583
2025-Sep-29 15:00	04 56 59.61	+57 05 54.4	14.4	0.02580
2025-Sep-29 16:00	05 04 10.58	+57 21 49.3	14.4	0.02577
2025-Sep-29 17:00	05 11 28.43	+57 36 24.8	14.4	0.02575
2025-Sep-29 18:00	05 18 52.14	+57 49 37.8	14.5	0.02574
2025-Sep-29 19:00	05 26 20.57	+58 01 24.9	14.5	0.02574
2025-Sep-29 20:00	05 33 52.59	+58 11 42.9	14.5	0.02574
2025-Sep-29 21:00	05 41 27.04	+58 20 28.4	14.6	0.02575
2025-Sep-29 22:00	05 49 02.78	+58 27 38.3	14.6	0.02576
2025-Sep-29 23:00	05 56 38.70	+58 33 09.6	14.6	0.02579
2025-Sep-30 00:00	06 04 13.77	+58 36 59.7	14.7	0.02582
2025-Sep-30 01:00	06 11 47.01	+58 39 06.7	14.7	0.02586
2025-Sep-30 02:00	06 19 17.54	+58 39 29.0	14.8	0.02591
2025-Sep-30 03:00	06 26 44.58	+58 38 06.0	14.8	0.02596
2025-Sep-30 04:00	06 34 07.44	+58 34 57.8	14.8	0.02603
2025-Sep-30 05:00	06 41 25.51	+58 30 05.4	14.9	0.02610
2025-Sep-30 06:00	06 48 38.28	+58 23 30.5	14.9	0.02618
2025-Sep-30 07:00	06 55 45.32	+58 15 16.2	15.0	0.02627
2025-Sep-30 08:00	07 02 46.23	+58 05 25.9	15.0	0.02636
2025-Sep-30 09:00	07 09 40.67	+57 54 04.1	15.1	0.02647
2025-Sep-30 10:00	07 16 28.34	+57 41 16.1	15.1	0.02658
2025-Sep-30 11:00	07 23 08.95	+57 27 07.6	15.1	0.02670
2025-Sep-30 12:00	07 29 42.19	+57 11 44.7	15.2	0.02682
2025-Sep-30 13:00	07 36 07.78	+56 55 13.9	15.2	0.02696
2025-Sep-30 14:00	07 42 25.41	+56 37 41.8	15.3	0.02710
2025-Sep-30 15:00	07 48 34.76	+56 19 14.9	15.3	0.02725
2025-Sep-30 16:00	07 54 35.53	+55 59 59.4	15.4	0.02740
2025-Sep-30 17:00	08 00 27.39	+55 40 01.3	15.4	0.02756
2025-Sep-30 18:00	08 06 10.02	+55 19 25.9	15.5	0.02772
2025-Sep-30 19:00	08 11 43.15	+54 58 18.2	15.6	0.02789
2025-Sep-30 20:00	08 17 06.51	+54 36 42.3	15.6	0.02807
2025-Sep-30 21:00	08 22 19.89	+54 14 41.6	15.7	0.02825
2025-Sep-30 22:00	08 27 23.14	+53 52 19.0	15.7	0.02843
2025-Sep-30 23:00	08 32 16.19	+53 29 36.8	15.8	0.02863