



Ephemeriden für Sternfreunde

von Karl-Heinz Bücke

Saturn

Januar 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_V	$\varnothing_{\text{Ä}}$	$\varnothing_P$	R- $\varnothing_g$	R- $\varnothing_k$	D _s	D _e
1	23:06	-7.9	10.05	5.2	1.3	16.5"	14.7"	37.4"	2.8"	1.9	4.3
6	23:07	-7.8	10.12	5.0	1.3	16.3"	14.6"	37.1"	2.6"	1.8	4.1
11	23:09	-7.6	10.19	4.7	1.3	16.2"	14.5"	36.8"	2.5"	1.7	3.9
16	23:10	-7.4	10.26	4.5	1.3	16.1"	14.4"	36.6"	2.3"	1.7	3.6
21	23:12	-7.2	10.32	4.1	1.3	16.0"	14.3"	36.4"	2.2"	1.6	3.4
26	23:14	-7.0	10.37	3.8	1.3	16.0"	14.2"	36.2"	2.0"	1.5	3.2
31	23:16	-6.8	10.42	3.4	1.4	15.9"	14.2"	36.0"	1.8"	1.4	2.9

Februar 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_V	$\varnothing_{\text{Ä}}$	$\varnothing_P$	R- $\varnothing_g$	R- $\varnothing_k$	D _s	D _e
1	23:16	-6.8	10.43	3.4	1.4	15.9"	14.2"	36.0"	1.8"	1.4	2.9
6	23:18	-6.5	10.48	3.0	1.4	15.8"	14.1"	35.8"	1.6"	1.3	2.6
11	23:20	-6.3	10.52	2.6	1.4	15.7"	14.0"	35.7"	1.4"	1.3	2.3
16	23:22	-6.1	10.55	2.2	1.4	15.7"	14.0"	35.6"	1.3"	1.2	2.0
21	23:25	-5.8	10.58	1.7	1.4	15.6"	14.0"	35.5"	1.1"	1.1	1.8
26	23:27	-5.6	10.60	1.3	1.4	15.6"	13.9"	35.4"	0.9"	1.0	1.5

März 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_V	$\varnothing_{\text{Ä}}$	$\varnothing_P$	R- $\varnothing_g$	R- $\varnothing_k$	D _s	D _e
1	23:28	-5.5	10.61	1.0	1.4	15.6"	13.9"	35.4"	0.8"	1.0	1.3
6	23:31	-5.2	10.62	0.6	1.3	15.6"	13.9"	35.3"	0.6"	0.9	1.0
11	23:33	-5.0	10.63	0.1	1.3	15.6"	13.9"	35.3"	0.5"	0.9	0.7
16	23:35	-4.7	10.62	-0.3	1.3	15.6"	13.9"	35.3"	0.3"	0.8	0.5
21	23:37	-4.5	10.62	-0.8	1.3	15.6"	13.9"	35.4"	0.1"	0.7	0.2
26	23:40	-4.3	10.60	-1.2	1.3	15.6"	13.9"	35.4"	0.1"	0.6	-0.1
31	23:42	-4.0	10.58	-1.7	1.3	15.6"	14.0"	35.5"	0.2"	0.6	-0.4

April 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_V	$\varnothing_{\text{Ä}}$	$\varnothing_P$	R- $\varnothing_g$	R- $\varnothing_k$	D _s	D _e
1	23:42	-4.0	10.58	-1.7	1.3	15.6"	14.0"	35.5"	0.3"	0.5	-0.4
6	23:44	-3.8	10.55	-2.2	1.2	15.7"	14.0"	35.6"	0.4"	0.5	-0.7
11	23:47	-3.5	10.52	-2.6	1.2	15.7"	14.0"	35.7"	0.6"	0.4	-1.0
16	23:49	-3.3	10.48	-3.0	1.1	15.8"	14.1"	35.8"	0.8"	0.3	-1.2
21	23:51	-3.1	10.43	-3.4	1.1	15.9"	14.2"	36.0"	0.9"	0.2	-1.5
26	23:53	-2.9	10.38	-3.8	1.1	15.9"	14.2"	36.2"	1.1"	0.2	-1.7

Mai 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	23:55	-2.7	10.33	-4.1	1.0	16.0"	14.3"	36.3"	1.2"	0.1	-2.0
6	23:56	-2.5	10.27	-4.4	1.0	16.1"	14.4"	36.6"	1.4"	0.0	-2.2
11	23:58	-2.4	10.21	-4.7	1.0	16.2"	14.5"	36.8"	1.5"	0.0	-2.4
16	0:00	-2.2	10.14	-5.0	0.9	16.3"	14.6"	37.0"	1.7"	-0.1	-2.6
21	0:01	-2.1	10.07	-5.3	0.9	16.4"	14.7"	37.3"	1.8"	-0.2	-2.7
26	0:03	-1.9	9.99	-5.5	0.9	16.6"	14.8"	37.6"	1.9"	-0.3	-2.9
31	0:04	-1.8	9.92	-5.7	0.8	16.7"	14.9"	37.9"	2.0"	-0.3	-3.0

Juni 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	0:04	-1.8	9.90	-5.7	0.8	16.7"	14.9"	37.9"	2.0"	-0.4	-3.1
6	0:06	-1.7	9.82	-5.8	0.8	16.8"	15.0"	38.2"	2.1"	-0.4	-3.2
11	0:07	-1.6	9.74	-6.0	0.8	17.0"	15.2"	38.5"	2.2"	-0.5	-3.3
16	0:08	-1.5	9.66	-6.0	0.7	17.1"	15.3"	38.9"	2.3"	-0.6	-3.4
21	0:08	-1.4	9.57	-6.1	0.7	17.3"	15.4"	39.2"	2.4"	-0.7	-3.5
26	0:09	-1.4	9.49	-6.1	0.7	17.4"	15.6"	39.6"	2.4"	-0.7	-3.5

Juli 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	0:09	-1.4	9.41	-6.0	0.7	17.6"	15.7"	39.9"	2.5"	-0.8	-3.6
6	0:10	-1.4	9.33	-5.9	0.7	17.7"	15.8"	40.2"	2.5"	-0.9	-3.6
11	0:10	-1.4	9.25	-5.8	0.6	17.9"	16.0"	40.6"	2.5"	-1.0	-3.6
16	0:10	-1.4	9.17	-5.6	0.6	18.0"	16.1"	40.9"	2.5"	-1.0	-3.6
21	0:10	-1.4	9.09	-5.4	0.6	18.2"	16.2"	41.3"	2.5"	-1.1	-3.5
26	0:10	-1.5	9.02	-5.2	0.6	18.3"	16.4"	41.6"	2.5"	-1.2	-3.5
31	0:09	-1.5	8.95	-4.9	0.6	18.5"	16.5"	41.9"	2.5"	-1.3	-3.4

August 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	0:09	-1.6	8.94	-4.8	0.6	18.5"	16.5"	42.0"	2.5"	-1.3	-3.4
6	0:08	-1.6	8.87	-4.5	0.6	18.6"	16.6"	42.3"	2.4"	-1.3	-3.3
11	0:08	-1.8	8.81	-4.1	0.6	18.8"	16.8"	42.6"	2.3"	-1.4	-3.2
16	0:07	-1.9	8.76	-3.7	0.6	18.9"	16.9"	42.8"	2.3"	-1.5	-3.0
21	0:06	-2.0	8.71	-3.2	0.7	19.0"	17.0"	43.1"	2.2"	-1.6	-2.9
26	0:05	-2.1	8.67	-2.8	0.7	19.1"	17.0"	43.3"	2.1"	-1.6	-2.7
31	0:04	-2.3	8.64	-2.3	0.7	19.2"	17.1"	43.5"	1.9"	-1.7	-2.6

September 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	0:03	-2.3	8.63	-2.2	0.7	19.2"	17.1"	43.5"	1.9"	-1.7	-2.5
6	0:02	-2.4	8.60	-1.7	0.7	19.2"	17.2"	43.6"	1.8"	-1.8	-2.4
11	0:01	-2.6	8.58	-1.1	0.7	19.3"	17.2"	43.7"	1.7"	-1.9	-2.2
16	23:59	-2.8	8.57	-0.6	0.8	19.3"	17.2"	43.8"	1.5"	-2.0	-2.0
21	23:58	-2.9	8.57	0.0	0.8	19.3"	17.2"	43.8"	1.4"	-2.0	-1.8
26	23:56	-3.1	8.57	0.5	0.8	19.3"	17.2"	43.8"	1.2"	-2.1	-1.6

Oktober 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	23:55	-3.2	8.58	1.1	0.9	19.3"	17.2"	43.7"	1.1"	-2.2	-1.5
6	23:54	-3.4	8.60	1.6	0.9	19.2"	17.2"	43.6"	1.0"	-2.3	-1.3
11	23:52	-3.5	8.63	2.1	0.9	19.2"	17.1"	43.5"	0.8"	-2.3	-1.1
16	23:51	-3.6	8.66	2.6	1.0	19.1"	17.0"	43.3"	0.7"	-2.4	-1.0
21	23:50	-3.7	8.70	3.1	1.0	19.0"	17.0"	43.1"	0.6"	-2.5	-0.8
26	23:49	-3.9	8.75	3.6	1.1	18.9"	16.9"	42.9"	0.5"	-2.6	-0.7
31	23:48	-3.9	8.80	4.0	1.1	18.8"	16.8"	42.7"	0.4"	-2.6	-0.6

November 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	23:48	-4.0	8.81	4.1	1.1	18.8"	16.8"	42.6"	0.4"	-2.6	-0.6
6	23:47	-4.0	8.87	4.4	1.1	18.7"	16.6"	42.3"	0.4"	-2.7	-0.5
11	23:46	-4.1	8.93	4.8	1.2	18.5"	16.5"	42.0"	0.3"	-2.8	-0.4
16	23:46	-4.1	9.00	5.1	1.2	18.4"	16.4"	41.7"	0.3"	-2.9	-0.4
21	23:46	-4.1	9.08	5.3	1.2	18.2"	16.3"	41.4"	0.3"	-2.9	-0.4
26	23:45	-4.1	9.15	5.5	1.3	18.1"	16.1"	41.0"	0.3"	-3.0	-0.4

Dezember 2025 (0^h UT)

Tag	α	δ	Δ	φ	m_v	$\varnothing_{\text{Ä}}$	$\varnothing_{\text{P}}$	$R\text{-}\varnothing_{\text{g}}$	$R\text{-}\varnothing_{\text{k}}$	D_s	D_e
1	23:45	-4.1	9.23	5.7	1.3	17.9"	16.0"	40.7"	0.3"	-3.1	-0.4
6	23:46	-4.1	9.31	5.8	1.3	17.8"	15.9"	40.3"	0.3"	-3.2	-0.4
11	23:46	-4.0	9.39	5.9	1.3	17.6"	15.7"	40.0"	0.3"	-3.2	-0.5
16	23:46	-4.0	9.48	5.9	1.3	17.5"	15.6"	39.6"	0.4"	-3.3	-0.6
21	23:47	-3.9	9.56	5.9	1.4	17.3"	15.4"	39.3"	0.4"	-3.4	-0.7
26	23:48	-3.8	9.64	5.8	1.4	17.2"	15.3"	38.9"	0.5"	-3.5	-0.8
31	23:49	-3.6	9.72	5.8	1.4	17.0"	15.2"	38.6"	0.6"	-3.5	-0.9