

Positions of the Planets 2016

for use with the planisphere

information from the Sterrengids: www.sterrengids.nl/

Mercury				Venus				Mars				Jupiter			
date	RA		decl	date	RA		decl	date	RA		decl	date	RA		decl
	h	m			h	m			h	m			h	m	
evening:				1 Jan				13 48 - 9 29				11 36 + 3 57			
1 jan	20	06	- 21 06	1 Jan	16	01	- 18 34	11 Jan	14	08	- 11 23	11 36	+ 3	58	
6	20	12	- 19 26	11	16	52	- 20 51	21	14	29	- 13 08	11 36	+ 4	06	
morning:				21				14 29 - 13 08				11 36 + 4 06			
21 Jan	19	10	- 19 03	31	18	37	- 22 25	14 Jan	14	49	- 14 42	11 34	+ 4	22	
26	19	03	- 19 49	10 Feb	19	30	- 21 34	15 Jan	15	08	- 16 07	11 30	+ 4	44	
31	19	09	- 20 31	20	20	23	- 19 39	20	15	27	- 17 20	11 27	+ 5	11	
5 Feb	19	26	- 20 55	1 Mar	21	13	- 16 47	15 Feb	15	44	- 18 23	11 22	+ 5	41	
10	19	48	- 20 54	11	22	02	- 13 08	15 Feb	15	59	- 19 16	11 17	+ 6	12	
15	20	14	- 20 25	21	22	50	- 8 52	16 Feb	16	11	- 19 59	11 13	+ 6	42	
evening:				31				16 21 - 20 35				11 08 + 7 09			
5 Apr	1	43	+ 11 26	10 Apr	0	21	+ 0 39	16 Feb	16	27	- 21 03	11 05	+ 7	30	
10	2	16	+ 15 26	20	1	07	+ 5 31	16 Feb	16	28	- 21 24	11 02	+ 7	46	
15	2	45	+ 18 29	30	1	53	+ 10 12	16 Feb	16	24	- 21 38	11 00	+ 7	54	
20	3	06	+ 20 24	10 May	2	40	+ 14 29	16 Feb	16	14	- 21 44	11 00	+ 7	56	
25	3	18	+ 21 09	20	3	29	+ 18 11	16 Feb	16	01	- 21 39	11 00	+ 7	50	
30	3	21	+ 20 46	30	4	20	+ 21 06	15 Feb	15	45	- 21 25	11 02	+ 7	37	
morning:				9 Jun				15 32 - 21 08				11 04 + 7 19			
4 Jun	3	13	+ 14 08	19	6	05	+ 23 54	15 Feb	15	23	- 20 57	11 08	+ 6	54	
9	3	33	+ 15 49	29	6	59	+ 23 34	15 Feb	15	19	- 20 59	11 13	+ 6	24	
14	3	59	+ 17 52	9 Jul	7	52	+ 22 05	15 Feb	15	21	- 21 16	11 18	+ 5	50	
19	4	30	+ 20 04	19	8	44	+ 19 32	15 Feb	15	29	- 21 48	11 24	+ 5	12	
24	5	07	+ 22 06	29	9	33	+ 16 05	15 Feb	15	41	- 22 31	11 30	+ 4	30	
evening:				8 Aug				15 57 - 23 20				11 37 + 3 45			
14 Jul	8	09	+ 21 59	18	11	07	+ 7 12	16 Feb	16	16	- 24 09	11 44	+ 2	58	
19	8	50	+ 19 34	28	11	52	+ 2 11	16 Feb	16	38	- 24 54	11 51	+ 2	09	
24	9	26	+ 16 38	7 Sep	12	36	- 2 58	17 Feb	17	03	- 25 29	11 59	+ 1	18	
29	9	58	+ 13 26	17	13	21	- 8 02	17 Feb	17	30	- 25 50	12 07	+ 0	27	
3 Aug	10	26	+ 10 08	27	14	07	- 12 50	17 Feb	17	58	- 25 54	12 15	- 0	24	
8	10	51	+ 6 52	7 Oct	14	54	- 17 09	18 Feb	18	28	- 25 37	12 23	- 1	15	
13	11	12	+ 3 46	17	15	43	- 20 46	18 Feb	18	58	- 24 58	12 31	- 2	06	
morning:				27				19 29 - 23 55				12 38 - 2 55			
17 Sep	11	08	+ 3 12	6 Nov	17	26	- 25 08	19 Feb	19	59	- 22 30	12 46	- 3	41	
22	11	02	+ 5 31	16	18	19	- 25 35	20 Feb	20	30	- 20 43	12 53	- 4	26	
27	11	11	+ 6 04	26	19	11	- 24 50	21 Feb	21	00	- 18 36	13 00	- 5	07	
2 Oct	11	32	+ 4 44	6 Dec	20	02	- 22 56	21 Feb	21	30	- 16 11	13 06	- 5	44	
7	12	00	+ 2 04	16	20	50	- 20 01	21 Feb	21	59	- 13 32	13 12	- 6	17	
12	12	31	- 1 20	26	21	35	- 16 18	22 Feb	22	28	- 10 41	13 17	- 6	44	
17	13	03	- 4 59												
evening:															
21 Nov	16	43	- 24 13												
26	17	16	- 25 17												
1 Dec	17	47	- 25 48												
6	18	17	- 25 43												
11	18	43	- 25 04												
16	19	01	- 23 57												
21	19	04	- 22 37												
26	18	47	- 21 22												

Visibility	greatest elongations*	opposition*
Mercury	west: 7 Feb, 5 Jun, 28 Sep oost: 18 Apr, 16 Aug, 11 Dec	-
Venus	none	-
Mars	-	22 May
Jupiter	-	8 Mar

*) see for explanations: <http://walrecht.nl/en/planetary-positions>.



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Saturn				Uranus				Neptune				Pluto (dwarf planet)				
date	RA		decl		RA	decl		RA	decl		RA	decl		dist. to Earth (billion km)		
	h	m	°	'		h	m		°	'		h	m		°	'
1 Jan	16	38	-	20	28	1	01	-	5	51	22	37	-	9	33	
11	16	43	-	20	36	1	02	-	5	53	22	38	-	9	28	
21	16	47	-	20	43	1	02	-	5	58	22	39	-	9	21	
31	16	51	-	20	49	1	03	-	6	04	22	41	-	9	13	
10 Feb	16	54	-	20	53	1	04	+	6	12	22	42	-	9	05	
20	16	57	-	20	56	1	06	+	6	21	22	43	-	8	57	19 09 - 20 56 5.064
1 Mar	16	59	-	20	58	1	08	+	6	32	22	45	-	8	49	19 11 - 20 55 5.048
11	17	00	-	20	59	1	09	+	6	43	22	46	-	8	40	19 12 - 20 54 5.030
21	17	01	-	20	59	1	11	+	6	56	22	48	-	8	32	19 12 - 20 53 5.009
31	17	01	-	20	58	1	14	+	7	09	22	49	-	8	24	19 13 - 20 52 4.986
10 Apr	17	00	-	20	56	1	16	+	7	22	22	50	-	8	17	19 14 - 20 52 4.962
20	16	59	-	20	53	1	18	+	7	34	22	51	-	8	11	19 14 - 20 52 4.938
30	16	57	-	20	49	1	20	+	7	47	22	52	-	8	05	19 14 - 20 52 4.913
10 May	16	54	-	20	45	1	22	+	7	59	22	53	-	8	01	19 14 - 20 53 4.890
20	16	51	-	20	40	1	24	+	8	10	22	54	-	7	58	19 14 - 20 54 5.018
30	16	48	-	20	35	1	26	+	8	20	22	54	-	7	55	19 13 - 20 56 4.849
9 Jun	16	45	-	20	30	1	27	+	8	29	22	54	-	7	55	19 12 - 20 58 4.832
19	16	42	-	20	26	1	28	+	8	37	22	54	-	7	55	19 11 - 21 00 4.819
29	16	39	-	20	22	1	29	+	8	42	22	54	-	7	57	19 11 - 21 02 4.810
9 Jul	16	37	-	20	19	1	30	+	8	47	22	54	-	7	59	19 10 - 21 05 4.805
19	16	35	-	20	17	1	31	+	8	49	22	53	-	8	03	19 09 - 21 08 4.804
29	16	33	-	20	16	1	31	+	8	50	22	52	-	8	08	19 07 - 21 10 4.808
8 Aug	16	33	-	20	16	1	31	+	8	49	22	52	-	8	13	19 06 - 21 13 4.816
18	16	33	-	20	19	1	30	+	8	46	22	51	-	8	19	19 06 - 21 16 4.828
28	16	33	-	20	22	1	30	+	8	42	22	50	-	8	25	19 05 - 21 18 4.844
7 Sep	16	35	-	20	27	1	29	+	8	36	22	49	-	8	32	19 04 - 21 20 4.863
17	16	37	-	20	33	1	27	+	8	29	22	48	-	8	38	19 04 - 21 22 4.885
27	16	39	-	20	40	1	26	+	8	21	22	47	-	8	44	19 03 - 21 24 4.909
7 Oct	16	42	-	20	48	1	25	+	8	12	22	46	-	8	49	19 03 - 21 26 4.934
17	16	46	-	20	56	1	23	+	8	03	22	45	-	8	53	19 03 - 21 27 4.961
27	16	50	-	21	05	1	22	+	7	54	22	44	-	8	57	19 04 - 21 27 4.987
6 Nov	16	54	-	21	13	1	20	+	7	46	22	44	-	8	59	19 4 - 21 28 5.013
16	16	59	-	21	21	1	19	+	7	38	22	44	-	9	00	19 05 - 21 28 5.037
26	17	04	-	21	29	1	18	+	7	32	22	44	-	8	59	19 06 - 21 28 5.059
6 Dec	17	09	-	21	36	1	17	+	7	27	22	44	-	8	58	19 07 - 21 27 5.079
16	17	14	-	21	43	1	16	+	7	24	22	44	-	8	55	
26	17	19	-	21	49	1	16	+	7	23	22	45	-	8	51	

Visibility

opposition*

Saturn 3 Jun
 Uranus 15 Oct
 Neptune 2 Sep
 Pluto 7 Jul

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