

7.6.2018 @ 6:04

HM Nautical Almanac Office

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Visibility Predictions for the New Crescent Moon

Eichwege
 Longitude E014 37
 Latitude N51 36
 Time Zone - 01h 00m

Times are in Standard Time = GMT + 01h 00m

New Moon Birth Date					Sun			Moon at Sunset					Moon Lag		BEST Code					
year	mth	day	h	m	+	Set	Az	Age	Alt	Az	DAZ	Mag	El	Set	Time	TIME				
						h	m	h	m	o	o	o	o	h	m	m	h	m		
2018	Jan	17	03	17	Wed															
					0 Wed	Jan	17	16	24	237	13	07	3	233	3	-4.0	6	16	39	F
					1 Thur	Jan	18	16	26	237	37	09	10	225	12	-5.2	17	17	58	A
2018	Feb	15	22	05	Thur															
					1 Fri	Feb	16	17	18	251	19	13	5	245	7	-4.4	9	17	59	F
					2 Sat	Feb	17	17	20	252	43	15	14	238	14	-5.6	21	19	06	A
2018	Mar	17	14	11	Sat															
					0 Sat	Mar	17	18	09	269	3	58	-2	265	4	-3.8	4	18	03	F
					1 Sun	Mar	18	18	11	270	28	00	9	259	11	-5.0	15	19	14	B
2018	Apr	16	02	57	Mon															
					0 Mon	Apr	16	19	00	288	16	03	3	279	9	-4.5	10	19	25	F
					1 Tues	Apr	17	19	02	288	40	05	14	272	16	-5.8	22	20	42	A
2018	May	15	12	48	Tues															
					0 Tues	May	15	19	47	303	6	59	-2	297	6	-4.0	6	19	37	F
					1 Wed	May	16	19	49	303	31	01	8	288	15	-5.4	18	20	55	A
2018	June	13	20	43	Wed															
					1 Thur	June	14	20	20	311	23	37	4	298	13	-4.9	14	20	56	F
					2 Fri	June	15	20	21	311	47	38	12	286	25	-6.3	28	21	55	A
2018	July	13	03	48	Fri															
					0 Fri	July	13	20	15	308	16	27	2	299	9	-4.4	10	20	33	F
					1 Sat	July	14	20	14	308	40	26	8	286	22	-6.0	24	21	17	A
2018	Aug	11	10	58	Sat															
					0 Sat	Aug	11	19	32	296	8	34	1	292	4	-3.9	5	19	47	F
					1 Sun	Aug	12	19	30	295	32	32	6	278	17	-5.5	19	20	20	B
2018	Sept	9	19	01	Sun															
					1 Mon	Sept	10	18	28	279	23	27	6	267	12	-4.9	14	19	11	C
					2 Tues	Sept	11	18	26	278	47	25	10	253	25	-6.3	27	19	36	A
2018	Oct	9	04	47	Tues															
					0 Tues	Oct	9	17	22	261	12	35	5	255	5	-4.3	8	17	59	F
					1 Wed	Oct	10	17	19	260	36	32	8	242	18	-5.6	20	18	23	A
2018	Nov	7	17	02	Wed															
					1 Thur	Nov	8	16	22	244	23	20	6	234	10	-4.8	13	17	17	C
					2 Fri	Nov	9	16	21	243	47	19	9	222	21	-6.0	24	17	48	A
2018	Dec	7	08	20	Fri															
					0 Fri	Dec	7	15	53	233	7	33	3	231	2	-3.9	5	16	22	F
					1 Sat	Dec	8	15	52	233	31	32	7	220	12	-5.1	15	17	03	B
2019	Jan	6	02	28	Sun															
					0 Sun	Jan	6	16	08	233	13	40	3	229	5	-4.0	6	16	37	F
					1 Mon	Jan	7	16	09	234	37	41	9	220	14	-5.3	17	17	35	A

- A Easily visible
- B Visible under perfect conditions
- C May need optical aid to find the crescent Moon
- D Will need optical aid to find the crescent Moon
- E Not visible with a telescope
- F Not visible, below the Danjon limit

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New Moon Birth Date					Sun			Moon at Sunset					Moon Lag		BEST	Code	
year	mth	day	h	m	+	Set	Az	Age	Alt	Az	DAZ	Mag	El	Set	Time	TIME	
					d	h	m	h	m	o	o	o	o	h	m	h	m
2019	Jan	6	02	28	Sun												
					0 Sun	Jan	6	16	08	233	13	40	3	229	5	-4.0	6
					1 Mon	Jan	7	16	09	234	37	41	9	220	14	-5.3	17
2019	Feb	4	22	03	Mon												
					1 Tues	Feb	5	16	57	245	18	54	4	238	7	-4.3	9
					2 Wed	Feb	6	16	59	246	42	56	12	231	14	-5.5	20
2019	Mar	6	17	04	Wed												
					0 Wed	Mar	6	17	50	262	0	46	-3	258	4	-3.8	4
					1 Thur	Mar	7	17	52	263	24	48	6	253	10	-4.7	12
					2 Fri	Mar	8	17	53	263	48	49	15	248	16	-5.9	23
2019	Apr	5	09	50	Fri												
					0 Fri	Apr	5	18	41	281	8	51	-1	275	6	-4.1	7
					1 Sat	Apr	6	18	43	282	32	53	9	269	12	-5.2	17
2019	May	4	23	45	Sat												
					1 Sun	May	5	19	31	298	19	46	3	289	9	-4.6	11
					2 Mon	May	6	19	33	299	43	48	13	282	17	-5.8	23
2019	June	3	11	02	Mon												
					0 Mon	June	3	20	12	309	9	10	-1	304	5	-3.9	6
					1 Tues	June	4	20	13	309	33	11	8	294	15	-5.3	18
2019	July	2	20	16	Tues												
					0 Tues	July	2	20	22	310	0	06	-2	310	0	-3.3	1
					1 Wed	July	3	20	22	310	24	06	5	298	12	-4.9	14
					2 Thur	July	4	20	21	310	48	05	12	286	24	-6.3	27
2019	Aug	1	04	12	Thur												
					0 Thur	Aug	1	19	51	301	15	39	4	293	8	-4.4	10
					1 Fri	Aug	2	19	49	300	39	37	9	280	21	-5.9	24
2019	Aug	30	11	37	Fri												
					0 Fri	Aug	30	18	53	286	7	16	3	282	3	-4.0	6
					1 Sat	Aug	31	18	51	285	31	14	8	268	17	-5.5	19
2019	Sept	28	19	26	Sat												
					1 Sun	Sept	29	17	45	267	22	19	6	256	11	-4.9	14
					2 Mon	Sept	30	17	42	266	46	16	10	241	25	-6.3	27
2019	Oct	28	04	38	Mon												
					0 Mon	Oct	28	16	42	250	12	04	4	244	5	-4.3	8
					1 Tues	Oct	29	16	41	249	36	03	8	231	18	-5.6	21
2019	Nov	26	16	05	Tues												
					1 Wed	Nov	27	15	59	236	23	54	5	225	11	-4.8	13
					2 Thur	Nov	28	15	58	235	47	53	9	212	23	-6.1	25
2019	Dec	26	06	13	Thur												
					0 Thur	Dec	26	15	57	232	9	44	1	228	4	-3.9	5
					1 Fri	Dec	27	15	58	232	33	45	7	217	15	-5.2	17
2020	Jan	24	22	42	Fri												
					1 Sat	Jan	25	16	37	240	17	55	3	232	8	-4.4	9
					2 Sun	Jan	26	16	39	240	41	57	10	224	16	-5.6	20

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New Moon Birth Date					Sun			Moon at Sunset					Moon Lag			BEST	Code						
year	mth	day	h	m	+	mth	day	Set	Az	Age	Alt	Az	DAZ	Mag	El	Set	Time	TIME					
					d			h	m	h	m	o	o	o	o	h	m	m	h	m			
2020	Jan	24	22	42	Fri																		
					1 Sat	Jan	25	16	37	240	17	55	3	232	8	-4.4	9	17	05	28	16	50	F
					2 Sun	Jan	26	16	39	240	41	57	10	224	16	-5.6	20	18	14	95	17	21	A
2020	Feb	23	16	32	Sun																		
					0 Sun	Feb	23	17	30	255	0	58	-4	251	4	-3.8	4	17	10	-20	17	21	F
					1 Mon	Feb	24	17	32	256	25	00	6	246	10	-4.7	12	18	17	46	17	52	D
					2 Tues	Feb	25	17	33	256	49	01	15	240	16	-5.9	23	19	24	111	18	23	A
2020	Mar	24	10	28	Tues																		
					0 Tues	Mar	24	18	22	274	7	54	-1	268	6	-4.0	6	18	21	-1	18	22	F
					1 Wed	Mar	25	18	24	275	31	56	9	263	11	-5.1	15	19	27	64	18	52	B
2020	Apr	23	03	26	Thur																		
					0 Thur	Apr	23	19	12	292	15	46	2	285	7	-4.3	8	19	33	20	19	22	F
					1 Fri	Apr	24	19	14	293	39	48	12	280	13	-5.4	19	20	42	88	19	53	A
2020	May	22	18	39	Fri																		
					0 Fri	May	22	19	58	306	1	19	-3	304	2	-3.6	2	19	41	-17	19	50	F
					1 Sat	May	23	19	59	306	25	20	6	296	10	-4.7	12	20	50	51	20	22	E
					2 Sun	May	24	20	01	306	49	22	14	289	18	-5.9	24	21	56	116	20	52	A
2020	June	21	07	41	Sun																		
					0 Sun	June	21	20	23	311	12	42	2	306	5	-4.1	6	20	48	25	20	34	F
					1 Mon	June	22	20	23	311	36	42	9	296	15	-5.4	19	21	42	79	20	58	A
2020	July	20	18	33	Mon																		
					0 Mon	July	20	20	07	306	1	34	1	306	0	-3.6	3	20	22	15	20	13	F
					1 Tues	July	21	20	06	305	25	33	6	294	12	-4.9	14	21	00	55	20	30	C
					2 Wed	July	22	20	04	305	49	31	12	281	24	-6.3	27	21	31	86	20	43	A
2020	Aug	19	03	41	Wed																		
					0 Wed	Aug	19	19	15	291	15	34	5	284	7	-4.5	10	19	57	41	19	34	F
					1 Thur	Aug	20	19	13	291	39	32	9	270	20	-5.9	23	20	20	66	19	43	A
2020	Sept	17	12	00	Thur																		
					0 Thur	Sept	17	18	11	274	6	11	4	272	2	-4.0	6	18	42	31	18	24	F
					1 Fri	Sept	18	18	08	273	30	08	7	257	16	-5.4	18	19	02	53	18	32	A
2020	Oct	16	20	31	Fri																		
					1 Sat	Oct	17	17	03	256	20	32	5	245	11	-4.8	13	17	44	41	17	21	D
					2 Sun	Oct	18	17	01	255	44	30	8	230	25	-6.2	26	18	09	68	17	31	A
2020	Nov	15	06	07	Sun																		
					0 Sun	Nov	15	16	11	240	10	04	2	235	5	-4.0	6	16	33	22	16	21	F
					1 Mon	Nov	16	16	10	240	34	03	6	221	18	-5.5	20	17	07	58	16	36	B
2020	Dec	14	17	16	Mon																		
					1 Tues	Dec	15	15	52	232	22	36	3	220	12	-4.8	13	16	30	38	16	09	F
					2 Wed	Dec	16	15	52	232	46	36	8	208	24	-6.2	26	17	34	102	16	38	A
2021	Jan	13	06	00	Wed																		
					0 Wed	Jan	13	16	19	235	10	19	0	229	6	-4.1	6	16	22	3	16	20	F
					1 Thur	Jan	14	16	20	236	34	20	8	220	16	-5.4	19	17	38	78	16	55	A

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