

Navigator *The Online Nautical Almanac*



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2011 OCT. 3, 4, 5 (MON, TUE, WED)

		ARIES		VENUS		MARS		JUPITER		SATURN							
G.M.T		GHA		GHA	Dec	GHA	Dec	GHA	Dec	GHA	Dec						
d	h	°	'	°	'	°	'	°	'	°	'						
3	0	11	21.4	170	27.8 S	7	50.3	240	14.1 N19	16.6	334	42.7 N12	57.1	173	05.9 S	5	18.2
	1	26	23.8	185	27.4 S	7	51.5	255	15.0 N19	16.3	349	45.4 N12	57.1	188	08.0 S	5	18.3
	2	41	26.3	200	26.9 S	7	52.8	270	16.0 N19	15.9	4	48.1 N12	57.0	203	10.2 S	5	18.4
	3	56	28.8	215	26.5 S	7	54.0	285	16.9 N19	15.6	19	50.9 N12	56.9	218	12.4 S	5	18.5
	4	71	31.2	230	26.1 S	7	55.2	300	17.9 N19	15.2	34	53.6 N12	56.8	233	14.6 S	5	18.6
M	5	86	33.7	245	25.7 S	7	56.4	315	18.8 N19	14.9	49	56.3 N12	56.7	248	16.8 S	5	18.8
O																	
N	6	101	36.2	260	25.2 S	7	57.7	330	19.7 N19	14.5	64	59.0 N12	56.6	263	19.0 S	5	18.9
D	7	116	38.6	275	24.8 S	7	58.9	345	20.7 N19	14.2	80	01.7 N12	56.5	278	21.1 S	5	19.0
A	8	131	41.1	290	24.4 S	8	00.1	0	21.6 N19	13.8	95	04.4 N12	56.4	293	23.3 S	5	19.1
Y	9	146	43.5	305	24.0 S	8	01.4	15	22.6 N19	13.5	110	07.1 N12	56.4	308	25.5 S	5	19.2
	10	161	46.0	320	23.6 S	8	02.6	30	23.5 N19	13.1	125	09.9 N12	56.3	323	27.7 S	5	19.3
	11	176	48.5	335	23.1 S	8	03.8	45	24.5 N19	12.8	140	12.6 N12	56.2	338	29.9 S	5	19.4
	12	191	50.9	350	22.7 S	8	05.0	60	25.4 N19	12.4	155	15.3 N12	56.1	353	32.1 S	5	19.6
	13	206	53.4	5	22.3 S	8	06.3	75	26.4 N19	12.1	170	18.0 N12	56.0	8	34.2 S	5	19.7
	14	221	55.9	20	21.9 S	8	07.5	90	27.3 N19	11.7	185	20.7 N12	55.9	23	36.4 S	5	19.8
	15	236	58.3	35	21.4 S	8	08.7	105	28.3 N19	11.4	200	23.4 N12	55.8	38	38.6 S	5	19.9
	16	252	00.8	50	21.0 S	8	09.9	120	29.2 N19	11.0	215	26.2 N12	55.8	53	40.8 S	5	20.0
	17	267	03.3	65	20.6 S	8	11.1	135	30.2 N19	10.7	230	28.9 N12	55.7	68	43.0 S	5	20.1
	18	282	05.7	80	20.2 S	8	12.4	150	31.1 N19	10.3	245	31.6 N12	55.6	83	45.2 S	5	20.2
	19	297	08.2	95	19.7 S	8	13.6	165	32.1 N19	10.0	260	34.3 N12	55.5	98	47.3 S	5	20.4
	20	312	10.6	110	19.3 S	8	14.8	180	33.0 N19	09.6	275	37.0 N12	55.4	113	49.5 S	5	20.5
	21	327	13.1	125	18.9 S	8	16.0	195	34.0 N19	09.3	290	39.7 N12	55.3	128	51.7 S	5	20.6

	22		342	15.6		140	18.5	S	8	17.3		210	34.9	N19	08.9		305	42.5	N12	55.2		143	53.9	S	5	20.7
	23		357	18.0		155	18.0	S	8	18.5		225	35.9	N19	08.5		320	45.2	N12	55.1		158	56.1	S	5	20.8
4	0		12	20.5		170	17.6	S	8	19.7		240	36.8	N19	08.2		335	47.9	N12	55.1		173	58.2	S	5	20.9
	1		27	23.0		185	17.2	S	8	20.9		255	37.8	N19	07.8		350	50.6	N12	55.0		189	00.4	S	5	21.1
	2		42	25.4		200	16.8	S	8	22.1		270	38.7	N19	07.5		5	53.3	N12	54.9		204	02.6	S	5	21.2
	3		57	27.9		215	16.3	S	8	23.4		285	39.7	N19	07.1		20	56.1	N12	54.8		219	04.8	S	5	21.3
	4		72	30.4		230	15.9	S	8	24.6		300	40.6	N19	06.8		35	58.8	N12	54.7		234	07.0	S	5	21.4
T	5		87	32.8		245	15.5	S	8	25.8		315	41.6	N19	06.4		51	01.5	N12	54.6		249	09.2	S	5	21.5
U																										
E	6		102	35.3		260	15.1	S	8	27.0		330	42.5	N19	06.1		66	04.2	N12	54.5		264	11.3	S	5	21.6
S	7		117	37.8		275	14.6	S	8	28.2		345	43.5	N19	05.7		81	06.9	N12	54.4		279	13.5	S	5	21.7
D	8		132	40.2		290	14.2	S	8	29.5		0	44.4	N19	05.4		96	09.7	N12	54.3		294	15.7	S	5	21.9
A	9		147	42.7		305	13.8	S	8	30.7		15	45.4	N19	05.0		111	12.4	N12	54.3		309	17.9	S	5	22.0
Y	10		162	45.1		320	13.3	S	8	31.9		30	46.3	N19	04.6		126	15.1	N12	54.2		324	20.1	S	5	22.1
	11		177	47.6		335	12.9	S	8	33.1		45	47.3	N19	04.3		141	17.8	N12	54.1		339	22.3	S	5	22.2
	12		192	50.1		350	12.5	S	8	34.3		60	48.2	N19	03.9		156	20.5	N12	54.0		354	24.4	S	5	22.3
	13		207	52.5		5	12.1	S	8	35.6		75	49.2	N19	03.6		171	23.3	N12	53.9		9	26.6	S	5	22.4
	14		222	55.0		20	11.6	S	8	36.8		90	50.2	N19	03.2		186	26.0	N12	53.8		24	28.8	S	5	22.6
	15		237	57.5		35	11.2	S	8	38.0		105	51.1	N19	02.9		201	28.7	N12	53.7		39	31.0	S	5	22.7
	16		252	59.9		50	10.8	S	8	39.2		120	52.1	N19	02.5		216	31.4	N12	53.6		54	33.2	S	5	22.8
	17		268	02.4		65	10.3	S	8	40.4		135	53.0	N19	02.2		231	34.2	N12	53.5		69	35.4	S	5	22.9
	18		283	04.9		80	09.9	S	8	41.6		150	54.0	N19	01.8		246	36.9	N12	53.5		84	37.5	S	5	23.0
	19		298	07.3		95	09.5	S	8	42.8		165	54.9	N19	01.4		261	39.6	N12	53.4		99	39.7	S	5	23.1
	20		313	09.8		110	09.0	S	8	44.1		180	55.9	N19	01.1		276	42.3	N12	53.3		114	41.9	S	5	23.2
	21		328	12.3		125	08.6	S	8	45.3		195	56.8	N19	00.7		291	45.0	N12	53.2		129	44.1	S	5	23.4
	22		343	14.7		140	08.2	S	8	46.5		210	57.8	N19	00.4		306	47.8	N12	53.1		144	46.3	S	5	23.5
	23		358	17.2		155	07.7	S	8	47.7		225	58.8	N19	00.0		321	50.5	N12	53.0		159	48.4	S	5	23.6
5	0		13	19.6		170	07.3	S	8	48.9		240	59.7	N18	59.7		336	53.2	N12	52.9		174	50.6	S	5	23.7
	1		28	22.1		185	06.9	S	8	50.1		256	00.7	N18	59.3		351	55.9	N12	52.8		189	52.8	S	5	23.8
	2		43	24.6		200	06.4	S	8	51.3		271	01.6	N18	58.9		6	58.7	N12	52.7		204	55.0	S	5	23.9
	3		58	27.0		215	06.0	S	8	52.6		286	02.6	N18	58.6		22	01.4	N12	52.7		219	57.2	S	5	24.1
	4		73	29.5		230	05.6	S	8	53.8		301	03.5	N18	58.2		37	04.1	N12	52.6		234	59.4	S	5	24.2
W	5		88	32.0		245	05.1	S	8	55.0		316	04.5	N18	57.9		52	06.8	N12	52.5		250	01.5	S	5	24.3
E																										
D	6		103	34.4		260	04.7	S	8	56.2		331	05.5	N18	57.5		67	09.6	N12	52.4		265	03.7	S	5	24.4
N	7		118	36.9		275	04.3	S	8	57.4		346	06.4	N18	57.2		82	12.3	N12	52.3		280	05.9	S	5	24.5
E	8		133	39.4		290	03.8	S	8	58.6		1	07.4	N18	56.8		97	15.0	N12	52.2		295	08.1	S	5	24.6
S	9		148	41.8		305	03.4	S	8	59.8		16	08.3	N18	56.4		112	17.7	N12	52.1		310	10.3	S	5	24.7

D 10		163	44.3		320	03.0	S 9	01.0		31	09.3	N18	56.1		127	20.5	N12	52.0		325	12.4	S 5	24.9	
A 11		178	46.8		335	02.5	S 9	02.2		46	10.3	N18	55.7		142	23.2	N12	51.9		340	14.6	S 5	25.0	
Y																								
12		193	49.2		350	02.1	S 9	03.5		61	11.2	N18	55.4		157	25.9	N12	51.8		355	16.8	S 5	25.1	
13		208	51.7		5	01.6	S 9	04.7		76	12.2	N18	55.0		172	28.7	N12	51.7		10	19.0	S 5	25.2	
14		223	54.1		20	01.2	S 9	05.9		91	13.1	N18	54.6		187	31.4	N12	51.7		25	21.2	S 5	25.3	
15		238	56.6		35	00.8	S 9	07.1		106	14.1	N18	54.3		202	34.1	N12	51.6		40	23.4	S 5	25.4	
16		253	59.1		50	00.3	S 9	08.3		121	15.1	N18	53.9		217	36.8	N12	51.5		55	25.5	S 5	25.6	
17		269	01.5		64	59.9	S 9	09.5		136	16.0	N18	53.6		232	39.6	N12	51.4		70	27.7	S 5	25.7	
18		284	04.0		79	59.5	S 9	10.7		151	17.0	N18	53.2		247	42.3	N12	51.3		85	29.9	S 5	25.8	
19		299	06.5		94	59.0	S 9	11.9		166	18.0	N18	52.9		262	45.0	N12	51.2		100	32.1	S 5	25.9	
20		314	08.9		109	58.6	S 9	13.1		181	18.9	N18	52.5		277	47.7	N12	51.1		115	34.3	S 5	26.0	
21		329	11.4		124	58.1	S 9	14.3		196	19.9	N18	52.1		292	50.5	N12	51.0		130	36.4	S 5	26.1	
22		344	13.9		139	57.7	S 9	15.5		211	20.8	N18	51.8		307	53.2	N12	50.9		145	38.6	S 5	26.2	
23		359	16.3		154	57.3	S 9	16.7		226	21.8	N18	51.4		322	55.9	N12	50.8		160	40.8	S 5	26.4	
-----+-----																								
							v	-0.4					d	1.2					v	1.0				
																			v	2.7				
																			v	2.2				

2011 OCT. 3, 4, 5 (MON, TUE, WED)

		SUN				MOON				STARS				
G.M.T		GHA	Dec			GHA	v	Dec	d	HP	Name	SHA	Dec	
d	h	°	'			°	'	°	'	'		°	'	
3	0	182	40.7	S 3	44.5	106	24.9	6.4	S22	36.0	1.7	58.3	Acamar	315 18.8 S40 15.2
	1	197	40.9	S 3	45.5	120	50.4	6.5	S22	34.2	1.9	58.3	Achernar	335 27.0 S57 10.4
	2	212	41.1	S 3	46.5	135	15.9	6.5	S22	32.2	2.0	58.3	Acrux	173 11.5 S63 09.8
	3	227	41.3	S 3	47.4	149	41.5	6.6	S22	30.0	2.1	58.2	Adhara	255 13.5 S28 59.1
	4	242	41.5	S 3	48.4	164	07.2	6.7	S22	27.7	2.3	58.2	Albireo	67 11.8 N27 59.4
M	5	257	41.7	S 3	49.4	178	32.9	6.7	S22	25.3	2.4	58.1		
O													Aldebaran	290 50.6 N16 32.0
N	6	272	41.9	S 3	50.3	192	58.7	6.8	S22	22.8	2.5	58.1	Alioth	166 22.2 N55 53.8
D	7	287	42.1	S 3	51.3	207	24.6	6.9	S22	20.1	2.7	58.1	Alkaid	153 00.3 N49 15.4
A	8	302	42.3	S 3	52.3	221	50.5	6.9	S22	17.3	2.8	58.0	Al Na-ir	27 44.8 S46 54.2
Y	9	317	42.5	S 3	53.2	236	16.5	7.0	S22	14.3	2.9	58.0	Alnilam	275 47.5 S 1 11.6
	10	332	42.7	S 3	54.2	250	42.6	7.1	S22	11.2	3.1	58.0		
	11	347	42.9	S 3	55.2	265	08.8	7.2	S22	08.0	3.2	57.9	Alphard	217 57.4 S 8 42.5
													Alphecca	126 12.3 N26 40.7
	12	2	43.1	S 3	56.1	279	35.0	7.2	S22	04.7	3.3	57.9	Alpheratz	357 44.4 N29 09.6
	13	17	43.3	S 3	57.1	294	01.3	7.3	S22	01.2	3.5	57.9	Altair	62 09.3 N 8 54.2

14		32	43.5	S	3	58.1		308	27.7	7.4	S21	57.6	3.6	57.8		Ankaa	353	16.4	S42	14.4	
15		47	43.7	S	3	59.0		322	54.2	7.5	S21	53.9	3.7	57.8							
16		62	43.9	S	3	60.0		337	20.7	7.5	S21	50.1	3.8	57.7		Antares	112	28.0	S26	27.5	
17		77	44.1	S	4	01.0		351	47.3	7.6	S21	46.1	4.0	57.7		Arcturus	145	57.1	N19	07.4	
																Atria	107	31.2	S69	03.1	
18		92	44.3	S	4	01.9		6	14.0	7.7	S21	42.0	4.1	57.7		Avior	234	18.8	S59	32.6	
19		107	44.5	S	4	02.9		20	40.8	7.8	S21	37.8	4.2	57.6		Bellatrix	278	33.2	N 6	21.7	
20		122	44.6	S	4	03.9		35	07.6	7.9	S21	33.4	4.3	57.6							
21		137	44.8	S	4	04.8		49	34.6	7.9	S21	29.0	4.5	57.6		Betelgeuse	271	02.5	N 7	24.6	
22		152	45.0	S	4	05.8		64	01.6	8.0	S21	24.4	4.6	57.5		Canopus	263	56.6	S52	41.9	
23		167	45.2	S	4	06.7		78	28.7	8.1	S21	19.7	4.7	57.5		Capella	280	36.1	N46	00.4	
																Castor	246	09.5	N31	51.6	
4	0		182	45.4	S	4	07.7		92	55.9	8.2	S21	14.9	4.8	57.5		Deneb	49	32.1	N45	19.7
	1		197	45.6	S	4	08.7		107	23.1	8.3	S21	10.0	4.9	57.4						
	2		212	45.8	S	4	09.6		121	50.5	8.3	S21	04.9	5.0	57.4		Denebola	182	35.2	N14	30.4
	3		227	46.0	S	4	10.6		136	17.9	8.4	S20	59.8	5.2	57.4		Diphda	348	56.8	S17	55.1
	4		242	46.2	S	4	11.6		150	45.4	8.5	S20	54.5	5.3	57.3		Dubhe	193	53.7	N61	41.0
T	5		257	46.4	S	4	12.5		165	13.0	8.6	S20	49.1	5.4	57.3		Elnath	278	14.1	N28	36.9
U																Eltanin	90	46.8	N51	29.6	
E	6		272	46.6	S	4	13.5		179	40.7	8.7	S20	43.6	5.5	57.2						
S	7		287	46.8	S	4	14.5		194	08.5	8.8	S20	38.0	5.6	57.2		Enif	33	48.0	N 9	56.0
D	8		302	47.0	S	4	15.4		208	36.3	8.8	S20	32.3	5.7	57.2		Fomalhaut	15	24.9	S29	33.4
A	9		317	47.2	S	4	16.4		223	04.2	8.9	S20	26.5	5.8	57.1		Gacrux	172	02.9	S57	10.7
Y	10		332	47.4	S	4	17.4		237	32.2	9.0	S20	20.6	5.9	57.1		Gienah	175	53.9	S17	36.4
	11		347	47.6	S	4	18.3		252	00.3	9.1	S20	14.5	6.0	57.1		Hadar	148	50.3	S60	25.9
	12		2	47.7	S	4	19.3		266	28.5	9.2	S20	08.4	6.1	57.0		Hamal	328	01.8	N23	31.3
	13		17	47.9	S	4	20.3		280	56.8	9.3	S20	02.2	6.2	57.0		Kaus Austr.	83	45.5	S34	22.8
	14		32	48.1	S	4	21.2		295	25.2	9.4	S19	55.8	6.3	57.0		Kochab	137	20.9	N74	06.6
	15		47	48.3	S	4	22.2		309	53.6	9.4	S19	49.4	6.4	56.9		Markab	13	39.2	N15	16.4
	16		62	48.5	S	4	23.1		324	22.1	9.5	S19	42.8	6.5	56.9		Menkar	314	16.0	N 4	08.3
	17		77	48.7	S	4	24.1		338	50.7	9.6	S19	36.2	6.6	56.9						
																Menkent	148	09.4	S36	25.7	
	18		92	48.9	S	4	25.1		353	19.4	9.7	S19	29.5	6.7	56.8		Miaplacidus	221	40.5	S69	45.8
	19		107	49.1	S	4	26.0		7	48.2	9.8	S19	22.6	6.8	56.8		Mirfak	308	41.7	N49	54.1
	20		122	49.3	S	4	27.0		22	17.1	9.9	S19	15.7	6.9	56.8		Nunki	75	59.8	S26	16.8
	21		137	49.5	S	4	28.0		36	46.0	10.0	S19	08.7	7.0	56.7		Peacock	53	20.8	S56	41.9
	22		152	49.7	S	4	28.9		51	15.1	10.0	S19	01.6	7.1	56.7						
	23		167	49.9	S	4	29.9		65	44.2	10.1	S18	54.4	7.2	56.7		Polaris	319	12.2	N89	17.8
																Pollux	243	29.3	N27	59.7	
5	0		182	50.0	S	4	30.9		80	13.4	10.2	S18	47.1	7.3	56.6		Procyon	245	01.1	N 5	11.7
	1		197	50.2	S	4	31.8		94	42.7	10.3	S18	39.7	7.4	56.6		Rasalhague	96	07.7	N12	33.4

