

**MOON RISE and SET  
2010  
for Perth, Western Australia**



PERTH OBSERVATORY

	date	RISE	az	SET	az
Jan	1	p1907	60	521	299
Jan	2	p2001	64	634	294
Jan	3	p2047	69	747	288
Jan	4	p2127	76	858	281
Jan	5	p2203	83	1006	273
Jan	6	p2236	91	1112	265
Jan	7	p2309	98	1216	258
Jan	8	p2342	105	1319	252
Jan	9	017	111	1421	246
Jan	10	055	115	1522	242
Jan	11	138	119	1621	240
Jan	12	225	121	1715	239
Jan	13	317	121	1804	240
Jan	14	412	119	1848	242
Jan	15	508	116	1926	246
Jan	16	605	112	2000	251
Jan	17	701	107	2030	256
Jan	18	755	101	2058	262
Jan	19	850	95	2125	268
Jan	20	944	89	2152	274
Jan	21	1038	83	2219	280
Jan	22	1135	76	2250	286
Jan	23	1234	71	2324	292
Jan	24	1336	65	f004	296
Jan	25	1440	62	f052	300
Jan	26	1545	59	f148	301
Jan	27	1647	59	f253	300
Jan	28	1744	62	f405	297
Jan	29	1834	66	f519	291
Jan	31	p1918	72	633	285
Feb	1	p1957	80	745	277
Feb	2	p2033	87	854	269
Feb	3	p2107	95	1001	261
Feb	4	p2141	102	1107	254
Feb	5	p2216	109	1212	248
Feb	6	p2255	114	1315	244
Feb	7	p2336	118	1415	241
Feb	8	023	120	1511	239
Feb	9	113	121	1602	240
Feb	10	207	120	1647	242
Feb	11	302	117	1726	245
Feb	12	359	114	1801	249
Feb	13	455	109	1833	254
Feb	14	550	103	1902	260
Feb	15	644	97	1929	266

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Feb	16	739	91	1956	272
Feb	17	833	85	2023	278
Feb	18	929	78	2053	284
Feb	19	1026	73	2125	290
Feb	20	1126	67	2202	295
Feb	21	1228	63	2245	298
Feb	22	1330	60	2336	300
Feb	23	1431	59	f 035	301
Feb	24	1529	60	f 141	299
Feb	25	1621	64	f 252	294
Feb	26	1707	69	f 404	288
Feb	27	1748	75	f 517	281
Mar	1	p1825	83	628	273
Mar	2	p1901	91	738	265
Mar	3	p1936	98	846	258
Mar	4	p2012	105	954	251
Mar	5	p2050	111	1100	246
Mar	6	p2132	116	1204	242
Mar	7	p2218	119	1303	240
Mar	8	p2308	120	1356	240
Mar	9	001	120	1444	241
Mar	10	056	118	1526	244
Mar	11	153	115	1602	248
Mar	12	249	110	1635	252
Mar	13	344	105	1704	258
Mar	14	439	99	1732	264
Mar	15	533	93	1800	270
Mar	16	628	87	1827	276
Mar	17	723	81	1856	282
Mar	18	821	74	1928	288
Mar	19	920	69	2004	293
Mar	20	1021	64	2045	297
Mar	21	1123	61	2132	300
Mar	22	1223	60	2227	300
Mar	23	1320	60	2329	299
Mar	24	1413	62	f 036	296
Mar	25	1459	67	f 145	291
Mar	26	1541	72	f 255	285
Mar	27	1619	79	f 404	277
Mar	28	1654	87	f 513	269
Mar	29	1729	94	f 622	262
Mar	31	p1805	102	731	254
Apr	1	p1842	108	839	248
Apr	2	p1923	114	945	244
Apr	3	p2009	118	1048	241
Apr	4	p2058	120	1146	240

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Apr	5	p2152	120	1237	241
Apr	6	p2247	119	1322	243
Apr	7	p2344	116	1400	246
Apr	8	041	112	1435	251
Apr	9	136	107	1505	256
Apr	10	231	101	1534	262
Apr	11	325	95	1601	268
Apr	12	420	89	1629	274
Apr	13	515	83	1658	280
Apr	14	613	77	1729	286
Apr	15	712	71	1804	291
Apr	16	813	66	1844	296
Apr	17	916	62	1930	299
Apr	18	1017	60	2024	300
Apr	19	1116	60	2123	300
Apr	20	1209	62	2228	297
Apr	21	1256	65	2335	293
Apr	22	1339	71	f 043	287
Apr	23	1417	77	f 150	280
Apr	24	1452	84	f 257	272
Apr	25	1526	91	f 404	265
Apr	26	1600	99	f 511	258
Apr	27	1636	105	f 618	251
Apr	29	p1715	111	725	246
Apr	30	p1759	116	830	242
May	1	p1847	119	931	240
May	2	p1939	120	1026	240
May	3	p2035	119	1114	242
May	4	p2133	117	1156	245
May	5	p2230	113	1232	249
May	6	p2327	109	1305	254
May	7	022	103	1334	260
May	8	116	98	1402	266
May	9	210	91	1429	272
May	10	305	85	1458	278
May	11	401	79	1528	284
May	12	500	73	1602	289
May	13	601	68	1640	294
May	14	704	64	1725	298
May	15	807	61	1817	300
May	16	908	60	1916	300
May	17	1004	61	2020	298
May	18	1054	64	2128	294
May	19	1138	69	2236	288
May	20	1217	75	2343	282
May	21	1253	82	f 049	275

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May	22	1326	89	f 1 54	267
May	23	1400	96	f 2 59	260
May	24	1434	103	f 4 04	253
May	25	15 11	109	f 5 10	248
May	26	15 52	114	f 6 15	244
May	27	16 37	118	f 7 17	241
May	29	p17 28	120	8 14	240
May	30	p18 23	120	9 06	241
May	31	p19 20	118	9 50	244
Jun	1	p20 18	115	10 29	248
Jun	2	p21 16	110	11 03	252
Jun	3	p22 12	105	11 34	258
Jun	4	p23 06	100	12 02	263
Jun	5	0 00	94	12 30	269
Jun	6	0 54	88	12 57	275
Jun	7	1 49	81	13 26	281
Jun	8	2 46	75	13 58	287
Jun	9	3 46	70	14 34	292
Jun	10	4 48	65	15 16	296
Jun	11	5 51	62	16 05	299
Jun	12	6 54	60	17 02	300
Jun	13	7 54	60	18 06	299
Jun	14	8 48	63	19 15	295
Jun	15	9 35	67	20 25	290
Jun	16	10 17	73	21 34	284
Jun	17	10 54	80	22 41	277
Jun	18	11 28	87	23 47	269
Jun	19	12 02	94	f 0 52	262
Jun	20	12 36	101	f 1 56	255
Jun	21	13 11	107	f 3 01	249
Jun	22	13 50	113	f 4 05	245
Jun	23	14 33	117	f 5 07	242
Jun	24	15 21	119	f 6 06	240
Jun	25	16 14	120	f 6 59	241
Jun	27	p17 10	119	7 46	243
Jun	28	p18 08	116	8 27	246
Jun	29	p19 06	112	9 02	250
Jun	30	p20 02	107	9 34	255
Jul	1	p20 58	102	10 03	261
Jul	2	p21 52	96	10 31	267
Jul	3	p22 45	90	10 58	273
Jul	4	p23 39	84	11 26	279
Jul	5	0 34	78	11 56	285
Jul	6	1 32	72	12 29	290
Jul	7	2 31	67	13 07	295
Jul	8	3 33	63	13 52	298

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Jul	9	436	61	1445	300
Jul	10	538	60	1546	300
Jul	11	635	62	1654	297
Jul	12	726	65	1805	293
Jul	13	811	70	1917	287
Jul	14	852	77	2027	280
Jul	15	928	84	2136	272
Jul	16	1003	92	2243	264
Jul	17	1037	99	2349	257
Jul	18	1112	106	f 054	251
Jul	19	1150	111	f 158	246
Jul	20	1232	116	f 301	242
Jul	21	1318	119	f 400	240
Jul	22	1409	120	f 454	240
Jul	23	1503	119	f 543	242
Jul	24	1600	117	f 625	245
Jul	26	p1658	114	703	249
Jul	27	p1755	109	736	254
Jul	28	p1850	104	806	259
Jul	29	p1945	98	834	265
Jul	30	p2038	92	901	271
Jul	31	p2132	86	928	277
Aug	1	p2226	80	957	283
Aug	2	p2321	74	1028	288
Aug	3	019	69	1103	293
Aug	4	119	65	1144	297
Aug	5	220	62	1232	299
Aug	6	320	60	1328	300
Aug	7	419	61	1431	299
Aug	8	513	63	1540	295
Aug	9	601	68	1652	290
Aug	10	644	74	1805	283
Aug	11	723	81	1916	276
Aug	12	800	88	2026	268
Aug	13	835	96	2135	260
Aug	14	911	103	2242	253
Aug	15	950	109	2349	248
Aug	16	1031	114	f 054	244
Aug	17	1116	118	f 155	241
Aug	18	1206	119	f 251	240
Aug	19	1259	120	f 341	241
Aug	20	1355	118	f 425	244
Aug	21	1452	115	f 504	247
Aug	22	1549	111	f 538	252
Aug	23	1645	106	f 609	257
Aug	25	p1739	100	637	263

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Aug	26	p1833	94	7 05	269
Aug	27	p1926	88	7 32	275
Aug	28	p2020	82	8 00	281
Aug	29	p21 15	76	8 30	286
Aug	30	p22 11	71	9 04	291
Aug	31	p2309	67	9 42	295
Sep	1	0 09	63	10 26	298
Sep	2	1 08	61	11 17	300
Sep	3	2 05	60	12 15	299
Sep	4	3 00	62	13 19	297
Sep	5	3 49	65	14 28	293
Sep	6	4 34	70	15 39	287
Sep	7	5 15	77	16 50	280
Sep	8	5 53	84	18 01	272
Sep	9	6 29	92	19 12	264
Sep	10	7 06	99	20 22	257
Sep	11	7 44	106	21 32	250
Sep	12	8 26	112	22 39	245
Sep	13	9 11	116	23 44	242
Sep	14	10 00	119	f 0 43	241
Sep	15	10 54	119	f 1 36	241
Sep	16	11 49	118	f 2 23	243
Sep	17	12 46	116	f 3 04	246
Sep	18	13 43	112	f 3 39	250
Sep	19	14 39	107	f 4 11	255
Sep	20	15 34	102	f 4 40	261
Sep	21	16 28	96	f 5 08	267
Sep	22	17 22	90	f 5 36	273
Sep	24	p18 15	84	6 04	279
Sep	25	p19 10	78	6 34	284
Sep	26	p20 06	73	7 06	289
Sep	27	p21 04	68	7 43	294
Sep	28	p22 02	64	8 25	297
Sep	29	p23 01	62	9 13	299
Sep	30	p23 58	61	10 07	299
Oct	1	0 52	61	11 07	298
Oct	2	1 41	64	12 12	294
Oct	3	2 26	68	13 19	289
Oct	4	3 07	74	14 28	283
Oct	5	3 45	81	15 37	276
Oct	6	4 22	88	16 47	268
Oct	7	4 58	96	17 57	261
Oct	8	5 36	103	19 08	254
Oct	9	6 17	109	20 18	248
Oct	10	7 01	114	21 26	244
Oct	11	7 50	118	22 29	241

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Oct	12	843	119	2327	241
Oct	13	940	119	f 0 17	242
Oct	14	1038	117	f 1 01	245
Oct	15	1136	113	f 1 38	249
Oct	16	1232	109	f 2 12	254
Oct	17	1328	104	f 2 42	259
Oct	18	1422	98	f 3 11	265
Oct	19	1515	92	f 3 38	271
Oct	20	1609	86	f 4 06	277
Oct	21	1703	80	f 4 36	282
Oct	22	1759	75	f 5 08	288
Oct	24	p1857	70	5 43	292
Oct	25	p1956	65	6 24	296
Oct	26	p2055	62	7 11	298
Oct	27	p2153	61	8 03	299
Oct	28	p2248	61	9 02	298
Oct	29	p2338	63	10 04	295
Oct	30	024	67	11 09	291
Oct	31	105	72	12 15	285
Nov	1	142	78	13 22	279
Nov	2	218	85	14 29	271
Nov	3	253	92	15 36	264
Nov	4	329	99	16 45	257
Nov	5	408	106	17 54	251
Nov	6	450	112	19 03	246
Nov	7	537	116	20 09	242
Nov	8	629	118	21 11	241
Nov	9	725	119	22 06	242
Nov	10	824	117	22 53	244
Nov	11	924	115	23 34	248
Nov	12	1022	110	f 0 10	252
Nov	13	1119	106	f 0 42	257
Nov	14	1213	100	f 1 11	263
Nov	15	1307	94	f 1 39	269
Nov	16	1401	88	f 2 07	274
Nov	17	1454	82	f 2 36	280
Nov	18	1550	77	f 3 07	286
Nov	19	1647	71	f 3 41	291
Nov	20	1745	67	f 4 21	295
Nov	21	1845	63	f 5 06	298
Nov	23	p1945	61	5 57	299
Nov	24	p2042	61	6 55	299
Nov	25	p2135	63	7 58	296
Nov	26	p2222	66	9 03	292
Nov	27	p2305	71	10 08	287
Nov	28	p2343	76	11 14	281

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Nov	29	019	83	12 19	274
Nov	30	053	90	13 25	266
Dec	1	127	97	14 30	259
Dec	2	204	104	15 37	253
Dec	3	243	110	16 45	248
Dec	4	327	114	17 51	244
Dec	5	416	117	18 54	242
Dec	6	510	119	19 52	241
Dec	7	608	118	20 44	243
Dec	8	708	116	21 28	246
Dec	9	808	112	22 06	250
Dec	10	906	108	22 40	255
Dec	11	1003	102	23 11	261
Dec	12	1057	97	23 39	266
Dec	13	1151	91	f 007	272
Dec	14	1244	85	f 035	278
Dec	15	1338	79	f 105	283
Dec	16	1434	74	f 137	289
Dec	17	1531	69	f 214	293
Dec	18	1631	65	f 257	297
Dec	19	1731	62	f 346	299
Dec	20	1830	61	f 442	299
Dec	22	p1926	62	5 44	297
Dec	23	p2017	64	6 50	294
Dec	24	p2102	69	7 58	289
Dec	25	p2143	74	9 06	283
Dec	26	p2220	81	10 12	276
Dec	27	p2255	88	11 18	268
Dec	28	p2329	95	12 23	261
Dec	29	005	102	13 29	255
Dec	30	042	108	14 34	249
Dec	31	123	113	15 40	245

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