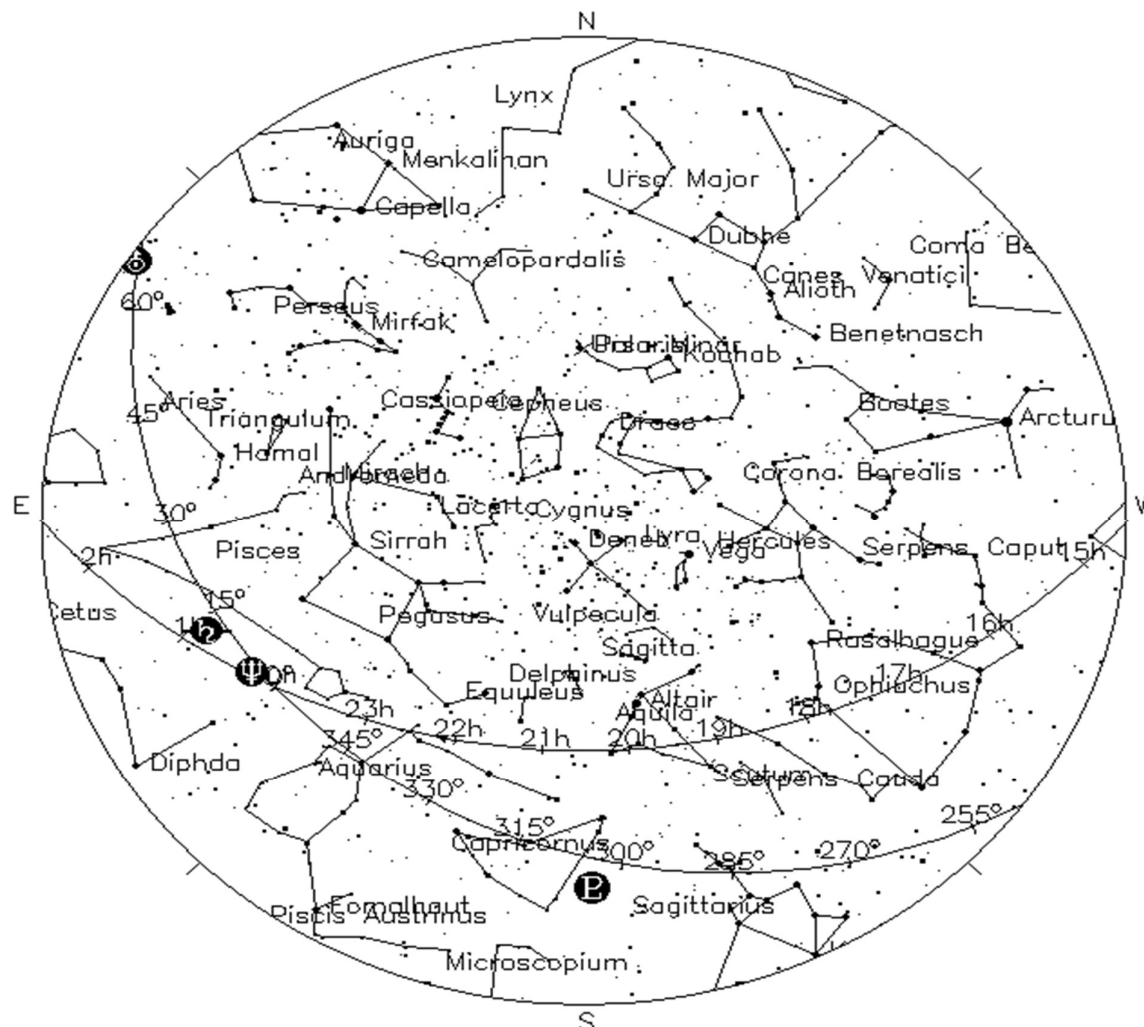




Aspect of the sky from 50° 45' N : 2° 00' W at 21:00 UTC

Chart from www.fourmilab.ch

The Autumnal Equinox occurs on the 23rd at 01:05, the Sun crosses the Equator going south.

Lunar Phases Last Qtr: Sept. 4 at 08:51; New: Sept. 11 at 04:27; First Qtr: Sept. 18 at 21:44 and Full: Sept. 26 at 17:49.26F

Apsides: Apogee (furthest) Sept. 19 at 02:59 404221 km. (29' 13"); Perigee (closest Sept 6 at 20:42, 368259 km, (32' 19"))

Mercury (☿): Just past superior conjunction late last month, Mercury is at elongation of 5° on the 1st and 22° by month's end. Although by this time the magnitude is -0.1, the ecliptic is so shallow that mercury sits on the horizon at dusk and thus will not be visible.

Venus (♀): is still an evening star and is at mag. -4.5 and elongation 44° on the 1st, on a very shallow ecliptic so may be difficult to spot, just as it sinks into the sun's evening glare. The Moon is east of Venus on the 14th,

Mars (♂): rises about 1am and travels rapidly through Gemini during September, mag. 1.2. Moon is near on the 7th (am).

Jupiter (♃): rises at about 3am, mag. -1.8 in Cancer. The Moon is nearby on the 8th and 9th. See later for transits of the GRS..

Saturn (♄): is below and east of the eastern corner of the square of Pegasus, mag. 0.4, The Moon is 5° west of Saturn on the 26th. Saturn is 10° east of Neptune during the month. Saturn rises about 7 pm mid-month in Cetus and sets at 6:30 am by the 31st. (It is at opposition on the 4th of October). Moon close on the 26th and 27th.

Uranus (♅): is 5° below left of the Pleiades, all month, mag. 5.8. The Moon is close (5.5° north) on the 3rd and 30th.

Neptune (♆): is at opposition on the 25th, 4470 million km from earth, 10° west of Saturn, 2.32 arc seconds diameter and mag. 7.8. Moon near on the 26th.

There are 2 minor **meteor showers**: the Aurigids, peaks on Aug 31-Sept 1, and the September Epsilon Perseids peak on the 9th. Both showers have meteors 4 days before and after the peak in each case.

The **Moon** is close to the Pleiades on the 2nd and 3rd, and on the 30th, it **occults** Praesepe on the 8th, near Jupiter, and is near Antares on the 17th.

Continued on next page 2.

Sunrise-set times:

Date	Rise	Transit	Set	Date	Rise	Transit	Set
01 Sep 2026	05:21:42	12:08:00	18:53:16	21 Sep 2026	05:52:33	12:01:05	18:08:38
06 Sep 2026	05:29:24	12:06:22	18:42:17	26 Sep 2026	06:00:20	11:59:20	17:57:23
11 Sep 2026	05:37:06	12:04:38	18:31:09	01 Oct 2026	06:08:11	11:57:39	17:46:12
16 Sep 2026	05:44:49	12:02:52	18:19:55				

Moonrise-set times:

Date	Rise	Transit	Set	Date	Rise	Transit	Set
01 Sep 2026	20:00:32	03:01:00	10:39:25	21 Sep 2026	16:19:40	20:22:46	--:--:--
06 Sep 2026	--:--:--	07:52:38	16:41:02	26 Sep 2026	17:35:49	--:--:--	05:39:10
11 Sep 2026	05:56:05	12:18:38	18:24:13	01 Oct 2026	19:43:27	03:41:20	12:37:16
16 Sep 2026	12:21:25	16:10:47	19:53:48				

Persei, (Algol) (Mag 2.1 to 3.4) – the visible minima are:

5th at 01:50; 7th at 22:40; 10th at 19:30; 25th at 03:36; 28th at 00:20 and 30th at 21:10.

RZ Cassiopeiae (mag 6.2 to 7.7) – the (provisional) visible minima are:

6th at 23:00 12th at 22:25; 18th at 21:50; 24th at 21:15; and 30th at 20:40.

Lambda Tauri (mag 3.4 to 3.9) no minima for this month – star below the northern horizon.

For observation of the ISS during the month, log-in to <http://www.heavens-above.com>. See page 3. Evening passes from the 8th.

September's **Durlston** meeting will be on Saturday the 12th at 8:45 pm. when Saturn, deep sky objects and the Milky Way. This event is naturally subject to favourable weather. Keep a look-out for updates on that.

Solar news there is no significant solar news for now.

Timings for Jupiter's **Great Red Spot (GRS)**: this month with Jupiter rising at 3am and dawn about 3 hours later I have held over any transit times till next month. Most would be provisional anyway.

Meteor Activity: there are 2 minor showers as mentioned earlier.

Good observing. Robert Hatch.

1st September 2026

continued on page 3.

Passes of the ISS for September.

Date	Brightness (mag)	-----Start----- Time	Alt.	Az.	---- Highest point-- Time	Alt.	Az.	-----End----- Time	Alt.	Az.	Pass type
1 Sep	-3.8	04:01:55	78°	NNW	04:02:02	80°	N	04:05:22	10°	E	visible
1 Sep	-3.3	05:35:31	10°	W	05:38:41	41°	SSW	05:41:50	10°	SE	visible
2 Sep	-1.4	03:16:01	20°	E	03:16:01	20°	E	03:17:11	10°	E	visible
2 Sep	-3.7	04:48:58	26°	W	04:50:36	57°	SSW	04:53:52	10°	ESE	visible
3 Sep	-3.2	04:03:16	48°	SE	04:03:16	48°	SE	04:05:48	10°	ESE	visible
3 Sep	-2.4	05:36:16	10°	W	05:38:53	21°	SW	05:41:29	10°	SSE	visible
4 Sep	-3.0	04:50:47	30°	SW	04:50:51	30°	SSW	04:53:49	10°	SSE	visible
5 Sep	-1.1	04:05:40	12°	SE	04:05:40	12°	SE	04:05:56	10°	SE	visible
8 Sep	-1.6	21:33:32	10°	SSW	21:34:26	16°	SSW	21:34:26	16°	SSW	visible
9 Sep	-2.4	20:45:49	10°	SSW	20:48:21	20°	SE	20:48:52	20°	SE	visible
9 Sep	-1.0	22:21:24	10°	WSW	22:21:49	13°	WSW	22:21:49	13°	WSW	visible
10 Sep	-3.4	21:33:11	10°	SW	21:35:57	48°	SSW	21:35:57	48°	SSW	visible
11 Sep	-3.2	20:45:04	10°	SW	20:48:13	39°	SSE	20:49:52	23°	E	visible
11 Sep	1.5	22:21:30	10°	W	22:22:47	21°	W	22:22:47	21°	W	visible
12 Sep	2.7	19:57:05	10°	SSW	20:00:00	28°	SSE	20:02:56	10°	E	visible
12 Sep	-3.9	21:33:08	10°	WSW	21:36:31	87°	SSE	21:36:32	87°	SSE	visible
13 Sep	-3.8	20:44:49	10°	WSW	20:48:09	70°	SSE	20:50:08	22°	E	visible
13 Sep	-1.5	22:21:36	10°	W	22:23:02	23°	W	22:23:02	23°	W	visible
14 Sep	-3.5	19:56:33	10°	SW	19:59:50	52°	SSE	20:03:07	10°	E	visible
14 Sep	3.7	21:33:11	10°	W	21:36:33	75°	N	21:36:33	75°	N	visible
15 Sep	-3.8	20:44:46	10°	W	20:48:08	82°	N	20:50:01	24°	ENE	visible
15 Sep	-1.3	22:21:37	10°	WNW	22:22:54	21°	WNW	22:22:54	21°	WNW	visible
16 Sep	-3.8	19:56:21	10°	WSW	19:59:43	85°	S	20:03:05	10°	ENE	visible
16 Sep	-3.6	21:33:11	10°	W	21:36:17	70°	NW	21:36:17	70°	NW	visible
17 Sep	-3.7	20:44:44	10°	W	20:48:06	73°	N	20:49:39	29°	E	visible
17 Sep	-1.1	22:21:32	10°	WNW	22:22:32	18°	W	22:22:32	18°	W	visible
18 Sep	-3.7	19:56:15	10°	W	19:59:37	76°	N	20:02:58	10°	E	visible
18 Sep	-3.2	21:33:04	10°	WNW	21:35:51	57°	W	21:35:51	57°	W	visible
19 Sep	-3.8	20:44:37	10°	W	20:47:59	83°	NNE	20:49:10	37°	E	visible
19 Sep	-0.8	22:21:27	10°	W	22:22:04	14°	W	22:22:04	14°	W	visible
20 Sep	-3.7	19:56:07	10°	W	19:59:29	76°	N	20:02:29	12°	E	visible
20 Sep	-2.6	21:32:54	10°	W	21:35:22	39°	WSW	21:35:22	39°	WSW	visible
21 Sep	-3.7	20:44:23	10°	WNW	20:47:44	68°	SSW	20:48:41	42°	SE	visible
22 Sep	-3.8	19:55:51	10°	WNW	19:59:14	85°	SSW	20:02:01	14°	ESE	visible
22 Sep	-1.8	21:32:49	10°	W	21:34:54	24°	WSW	21:34:54	24°	WSW	visible
23 Sep	-2.8	20:44:09	10°	W	20:47:17	38°	SSW	20:48:15	30°	S	visible
24 Sep	-3.2	19:55:32	10°	W	19:58:49	53°	SSW	20:01:39	13°	SE	visible
24 Sep	-1.1	21:33:17	10°	WSW	21:34:33	13°	SW	21:34:33	13°	SW	visible
25 Sep	-1.6	20:44:07	10°	W	20:46:38	20°	SW	20:48:00	16°	S	visible
26 Sep	-2.1	19:55:17	10°	W	19:58:13	28°	SSW	20:01:08	10°	SSE	visible
28 Sep	-1.0	19:55:30	10°	WSW	19:57:23	14°	SW	19:59:16	10°	S	visible