



Tel : + (92-21) 99261412
Fax : + (92-21) 99261405

No. C1-11(16)/2024-25/771-782
Government of Pakistan
Ministry of Aviation
Pakistan Meteorological Department
Climate Data Processing Centre
Meteorological Complex
Block # 5, Gulistan-E-Jouhar
University Road, Karachi-75290
e-mail: info.cdpc@pmd.gov.pk

Karachi, the 15th November, 2024

Director,
Research and Reference Wing,
Ministry of Religious Affairs,
Government of Pakistan,
ISLAMABAD.

Subject: **CO-ORDINATES & CHANCE FOR SIGHTING OF THE NEW MOON OF JAMADI-US- SANI 1446 AH ON 02-12-2024.**

The new moon of **Jamadi us Sani 1446 AH** will be born on crossing conjunction point at **11-21 PST** on **01-12-2024**. Astronomical parameters of new moon and average cloud amounts at Pilot Balloon Observatories of Pakistan Meteorological Department are attached herewith.

According to astronomical parameters, there is a **Chance** of sighting the new moon of **Jamadi us Sani 1446 AH** on the evening of **02-12-2024** i.e on 29th Jamadi ul Awwal 1446.

According to climate record, the weather is expected to be partly cloudy/fair in most parts of the country.

Encl. :-(02)

Sd/-
(**SABIR ALI**)
Director CDPC,
Karachi

Copy to :

1. Director-General, Met. Services, Islamabad.
2. Chief Meteorologist, Karachi/Islamabad.
3. Director, R.M.C Karachi/Lahore/Peshawar/Gilgit/Quetta.
4. Deputy Director, NMCC, Karachi.
5. Director, Operation (Met.), Rear Air HQ, Peshawar.
6. Hydrographer, Hydrographic Department, Naval HQ, Liaquat Baracks, Karachi.

Government of Pakistan
Ministry of Aviation Division
Pakistan Meteorological Department
Climate Data Processing Centre

CO-ORDINATES OF NEW MOON OF JAMADI US SANI 1446 A.H. FALLING ON 02-12-2024.

| S.NO. & STATION | TIME OF SUNSET | TIME OF E.C.T.L | TIME OF MOONSET | AGE OF NEW MOON AT ECTL | POSITION OF THE NEW MOON AT THE TIME OF | | | | DURATION OF NEW MOON AFTER | | Illumination | CLOUD CLIMAT OLOGY AT 5.00 P.M |
|----------------------------------|----------------------|-----------------------|-----------------------|-------------------------------------|---|----------------|---------------|----------------|----------------------------------|---------|--------------|--|
| | | | | | SUNSET | | E.C.T.L | | SUNSET | E.C.T.L | | TOTAL CLOUDS |
| | | | | | ALT. Dg-Mt | AZIM. Dg-Mt | ALT. Dg-Mt | AZIM. Dg-Mt | Mts. | Mts. | | |
| Federal Capital Territory | | | | | | | | | | | | |
| 1.ISLAMABAD | 17-03 | 17-29 | 17-39 | 30-08 | 04-27 | 230-45 | 00-34 | 234-23 | 36 | 10 | 1.75 | 3.7 |
| Azad Jammu Kashmir | | | | | | | | | | | | |
| 2. MUZAFFARABAD | 17-00 | 17-27 | 17-36 | 30-06 | 04-12 | 230-30 | 00-15 | 234-19 | 36 | 09 | 1.74 | - |
| Balochistan | | | | | | | | | | | | |
| 3. BARKHAN | 17-27 | 17-51 | 18-07 | 30-30 | 05-09 | 232-25 | 01-17 | 235-29 | 40 | 16 | 1.79 | 1.9 |
| 4. DALBANDIN | 17-49 | 18-14 | 18-32 | 30-53 | 05-46 | 232-29 | 01-39 | 235-37 | 43 | 18 | 1.83 | 2.2 |
| 5. JIWANI | 18-04 | 18-28 | 18-50 | 31-07 | 07-19 | 233-24 | 03-08 | 236-09 | 46 | 22 | 1.86 | 1.9 |
| 6. KALAT | 17-43 | 18-07 | 18-25 | 30-46 | 05-10 | 232-52 | 01-15 | 235-52 | 42 | 18 | 1.82 | 2.1 |
| 7. KHUZDAR | 17-44 | 18-07 | 18-26 | 30-46 | 05-41 | 233-08 | 01-50 | 235-56 | 42 | 19 | 1.82 | 1.8 |
| 8. NOKKUNDI | 17-55 | 18-20 | 18-38 | 30-59 | 05-56 | 234-22 | 01-50 | 235-31 | 43 | 18 | 1.84 | 2.1 |
| 9. PASNI | 17-56 | 18-21 | 18-41 | 31-00 | 07-22 | 233-15 | 03-02 | 236-09 | 45 | 20 | 1.84 | 1.7 |
| 10. PUNJGUR | 17-55 | 18-18 | 18-39 | 30-57 | 06-06 | 233-16 | 02-12 | 236-01 | 44 | 21 | 1.84 | 2.0 |
| 11. QUETTA | 17-38 | 18-02 | 18-19 | 30-41 | 05-03 | 232-17 | 01-13 | 235-02 | 41 | 17 | 1.81 | 3.1 |
| 12. ZHOB | 17-25 | 17-50 | 18-05 | 30-29 | 04-46 | 231-53 | 00-51 | 235-12 | 40 | 15 | 1.79 | 2.1 |
| Gilgit Baltistan | | | | | | | | | | | | |
| 13. GILGIT | 16-55 | 17-21 | 17-29 | 30-00 | 03-28 | 230-11 | -00-11 | 233-58 | 34 | 08 | 1.73 | 4.7 |
| 14. SKARDU | 16-53 | 17-18 | 17-27 | 29-57 | 03-19 | 230-46 | -00-13 | 234-20 | 34 | 09 | 1.73 | 4.9 |
| Khyber Pakhtunkhwa | | | | | | | | | | | | |
| 15. CHITRAL | 17-06 | 17-32 | 17-40 | 30-11 | 03-25 | 230-17 | -00-14 | 234-03 | 34 | 08 | 1.75 | 4.0 |
| 16. D.I.KHAN | 17-14 | 17-40 | 17-52 | 30-19 | 05-16 | 231-10 | 01-13 | 234-30 | 38 | 12 | 1.77 | 2.1 |
| 17. DROSH | 17-06 | 17-32 | 17-41 | 30-11 | 03-37 | 230-15 | -00-04 | 234-01 | 35 | 09 | 1.75 | 3.9 |
| 18. PARACHINAR | 17-11 | 17-39 | 17-55 | 30-18 | 04-59 | 230-04 | 00-48 | 234-02 | 44 | 16 | 1.77 | 3.6 |
| 19. PESHAWAR | 17-08 | 17-34 | 17-43 | 30-13 | 04-24 | 230-32 | 00-33 | 234-12 | 35 | 09 | 1.76 | 3.6 |

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CO-ORDINATES OF NEW MOON OF JAMADI US SANI 1446 A.H., FALLING ON 02-12-2024.

| S.NO. & STATION | TIME OF SUNSET | TIME OF E.C.T.L | TIME OF MOONSET | AGE OF NEW MOON AT ECTL | POSITION OF THE NEW MOON AT THE TIME OF | | | | DURATION OF NEW MOON AFTER | | Illumination | CLOUD CLIMAT OLOGY AT 5.00 P.M |
|---------------------------|----------------------|-----------------------|-----------------------|----------------------------------|---|--------|---------|--------|----------------------------------|---------|--------------|--|
| | | | | | SUNSET | | E.C.T.L | | SUNSET | E.C.T.L | | TOTAL CLOUDS |
| | | | | | ALT. | AZIM. | ALT. | AZIM. | | | | |
| | Hrs-Mts | Hrs-Mts | Hrs-Mts | Hrs-Mts | Dg-Mt | Dg-Mt | Dg-Mt | Dg-Mt | Mts. | Mts. | % | Oktas |
| Punjab | | | | | | | | | | | | |
| 20.BAHAWALNAGAR | 17-09 | 17-34 | 17-49 | 30-13 | 05-39 | 231-58 | 01-37 | 235-12 | 40 | 15 | 1.76 | 2.0 |
| 21. JHELUM | 17-01 | 17-27 | 17-38 | 30-06 | 04-47 | 230-53 | 00-50 | 234-28 | 37 | 11 | 1.74 | 2.9 |
| 22. KHANPUR | 17-21 | 17-47 | 18-03 | 30-26 | 06-13 | 232-16 | 01-56 | 235-32 | 42 | 16 | 1.78 | 1.6 |
| 23. LAHORE | 17-01 | 17-27 | 17-39 | 30-06 | 05-14 | 231-21 | 01-11 | 234-51 | 38 | 12 | 1.74 | 2.4 |
| 24. MULTAN | 17-15 | 17-41 | 17-55 | 30-20 | 05-45 | 231-44 | 01-35 | 235-07 | 40 | 14 | 1.77 | 2.1 |
| 25.OKARA | 17-06 | 17-32 | 17-45 | 30-11 | 05-30 | 231-36 | 01-22 | 235-01 | 39 | 13 | 1.75 | - |
| 26. SIALKOT | 16-59 | 17-25 | 17-36 | 30-04 | 04-51 | 231-07 | 00-52 | 234-40 | 37 | 11 | 1.74 | 2.7 |
| Pakistan Air Force | | | | | | | | | | | | |
| 27.KOHAT | 17-10 | 17-36 | 17-46 | 30-15 | 04-28 | 230-46 | 00-35 | 234-24 | 36 | 10 | 1.76 | 2.8 |
| 28.MINHAS | 17-04 | 17-31 | 17-40 | 30-10 | 04-35 | 230-28 | 00-34 | 234-15 | 36 | 09 | 1.75 | 3.2 |
| 29.MM ALAM | 17-10 | 17-36 | 17-48 | 30-15 | 05-01 | 230-55 | 01-02 | 234-29 | 38 | 12 | 1.76 | 3.0 |
| 30.MURID | 17-11 | 17-36 | 17-49 | 30-15 | 04-17 | 231-36 | 00-29 | 234-59 | 38 | 13 | 1.76 | 3.7 |
| 31.RISALPUR. | 17-06 | 17-32 | 17-41 | 30-11 | 04-25 | 230-29 | 00-35 | 234-09 | 35 | 09 | 1.75 | 3.5 |
| 32. RAFIQUI | 17-11 | 17-37 | 17-50 | 30-16 | 05-32 | 231-35 | 01-24 | 235-00 | 39 | 13 | 1.76 | 2.6 |
| 33. SARGODHA | 17-07 | 17-33 | 17-44 | 30-12 | 05-14 | 231-03 | 01-03 | 234-42 | 37 | 11 | 1.75 | 2.8 |
| Sindh | | | | | | | | | | | | |
| 34. CHHOR | 17-30 | 17-55 | 18-14 | 30-34 | 07-12 | 233-15 | 02-52 | 236-10 | 44 | 19 | 1.80 | 1.5 |
| 35. HYDERABAD | 17-36 | 18-01 | 18-21 | 30-40 | 07-13 | 233-19 | 02-53 | 236-12 | 45 | 20 | 1.81 | 1.5 |
| 36. JACOBABAD | 17-30 | 17-56 | 18-13 | 30-35 | 06-28 | 232-16 | 02-09 | 235-31 | 43 | 17 | 1.80 | 1.8 |
| 37 KARACHI | 17-42 | 18-07 | 18-27 | 30-46 | 07-23 | 233-27 | 03-01 | 236-18 | 45 | 20 | 1.82 | 1.7 |
| 38. NAWABSHAH | 17-35 | 18-00 | 18-19 | 30-39 | 06-55 | 233-04 | 02-38 | 236-01 | 44 | 19 | 1.81 | 1.6 |

- E.C.T.L=End of civil twilight
- ALT=Altitude, AZIM=Azimuth
- Hrs=Hours ,Mts=Minutes, Dg=Degree