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No. C1-11(16)/2023-24/374-385
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Karachi, the 13th May, 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 ZILHIJ 1445 AH ON 07-06-2024.**

The new moon of **Zilhij 1445 AH** will born on crossing conjunction point at **17-38 PST** on **06-06-2024**. 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 **Good Chance** of sighting the new moon of **Zilhij 1445 AH** on the evening of **07-06-2024** i.e. on 29th of Ziquad 1445 AH.

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

(**DR. MUHAMMAD HASAN ALI BAIG**)
Director CDPC, Karachi.

Encl. :-(02)

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 Barracks, Karachi.

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Ministry of Aviation Division
Pakistan Meteorological Department
Climate Data Processing Centre

CO-ORDINATES OF NEW MOON OF ZILHIJ 1445 A.H. FALLING ON 07-06-2024.

| 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. | | |
| Hrs-Mts | Hrs-Mts | Hrs-Mts | Hrs-Mts | Hrs-Mts | Dg-Mt | Dg-Mt | Dg-Mt | Dg-Mt | Mts. | Mts. | % | Oktas |
| Federal Capital Territory | | | | | | | | | | | | |
| 1.ISLAMABAD | 19-18 | 19-47 | 20-35 | 26-09 | 12-05 | 295-38 | 06-58 | 299-01 | 77 | 48 | 1.58 | 3.3 |
| Azad Jammu Kashmir | | | | | | | | | | | | |
| 2. MUZAFFARABAD | 19-19 | 19-48 | 20-36 | 26-10 | 11-57 | 295-47 | 06 -53 | 299-14 | 77 | 48 | 1.59 | 4.2 |
| Balochistan | | | | | | | | | | | | |
| 3. BARKHAN | 19-24 | 19-51 | 20-38 | 26-13 | 11-58 | 295-33 | 06-59 | 298-19 | 74 | 47 | 1.60 | 3.4 |
| 4. DALBANDIN | 19-42 | 20-09 | 20-56 | 26-31 | 12-19 | 295-21 | 07-16 | 298-01 | 74 | 47 | 1.63 | 1.5 |
| 5. JIWANI | 19-42 | 20-07 | 20-54 | 26-29 | 12-47 | 295-14 | 07-56 | 297-19 | 72 | 47 | 1.63 | 1.1 |
| 6. KALAT | 19-36 | 20-03 | 20-49 | 26-25 | 11-48 | 295-37 | 06-47 | 298-19 | 73 | 46 | 1.62 | 1.9 |
| 7. KHUZDAR | 19-32 | 19-58 | 20-45 | 26-20 | 12-00 | 295-31 | 07 -06 | 297-59 | 73 | 47 | 1.61 | 2.4 |
| 8. NOKKUNDI | 19-48 | 20-15 | 21-03 | 26-37 | 12-27 | 295-18 | 07-24 | 297-56 | 75 | 48 | 1.64 | 0.7 |
| 9. PASNI | 19-35 | 20-01 | 20-47 | 26-23 | 12-52 | 295-12 | 07-50 | 297-22 | 72 | 46 | 1.62 | 0.9 |
| 10. PUNJGUR | 19-39 | 20-06 | 20-52 | 26-28 | 12-19 | 295-23 | 07-10 | 297-50 | 73 | 46 | 1.62 | 1.3 |
| 11. QUETTA | 19-37 | 20-04 | 20-52 | 26-26 | 11-54 | 295-36 | 06-56 | 298-24 | 75 | 48 | 1.62 | 1.8 |
| 12. ZHOB | 19-29 | 19-57 | 20-44 | 26-19 | 11-51 | 295-39 | 06-47 | 298-41 | 75 | 47 | 1.60 | 3.1 |
| Gilgit Baltistan | | | | | | | | | | | | |
| 13. GILGIT | 19-21 | 19-51 | 20-43 | 26-13 | 11-39 | 298-08 | 06-32 | 299-53 | 72 | 52 | 1.59 | 4.5 |
| 14. SKARDU | 19-15 | 19-45 | 20-35 | 26-07 | 11-26 | 296-12 | 06-18 | 299-54 | 80 | 50 | 1.58 | 4.7 |
| Khyber Pakhtunkhwa | | | | | | | | | | | | |
| 15. CHITRAL | 19-31 | 20-01 | 20-50 | 26-23 | 11-41 | 296-06 | 06-34 | 299-50 | 79 | 49 | 1.61 | 3.3 |
| 16. D.I.KHAN | 19-21 | 19-49 | 20-37 | 26-11 | 12-25 | 295-21 | 07-21 | 298-25 | 76 | 48 | 1.59 | 1.8 |
| 17. DROSH | 19-31 | 20-00 | 20-49 | 26-22 | 11-36 | 296-07 | 06-38 | 299-43 | 78 | 49 | 1.61 | 3.5 |
| 18. PARACHINAR | 19-39 | 20-09 | 20-51 | 26-31 | 10-41 | 296-33 | 05-29 | 300-08 | 72 | 42 | 1.62 | 4.7 |
| 19. PESHAWAR | 19-25 | 19-54 | 20-42 | 26-16 | 12-08 | 295-38 | 07-03 | 299-01 | 77 | 48 | 1.60 | 3.6 |

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CO-ORDINATES OF NEW MOON OF ZILHIJ 1445 A.H., FALLING ON 07-06-2024.

| 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 | CLLOUD 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 | 19-08 | 20-01 | 20-21 | 26-23 | 11-41 | 296-06 | 06-34 | 299-50 | 79 | 49 | 1.57 | 1.6 |
| 21. JHELUM | 19-13 | 19-42 | 20-29 | 26-04 | 12-14 | 295-31 | 07-04 | 298-48 | 76 | 47 | 1.58 | 2.5 |
| 22. KHANPUR | 19-14 | 19-41 | 20-27 | 26-03 | 12-34 | 295-14 | 07-30 | 297-52 | 73 | 46 | 1.58 | 0.9 |
| 23. LAHORE | 19-07 | 19-35 | 20-22 | 25-57 | 12-16 | 295-26 | 07-11 | 298-28 | 75 | 47 | 1.57 | 1.6 |
| 24. MULTAN | 19-15 | 19-42 | 20-29 | 26-04 | 12-27 | 295-18 | 07-28 | 298-06 | 74 | 47 | 1.58 | 1.6 |
| 25.OKARA | 19-09 | 19-37 | 20-23 | 25-59 | 12-16 | 295-25 | 07-08 | 298-22 | 74 | 46 | 1.57 | - |
| 26. SIALKOT | 19-09 | 19-37 | 20-24 | 25-59 | 12-09 | 295-32 | 07-08 | 298-40 | 75 | 47 | 1.57 | 2.1 |
| Pakistan Air Force | | | | | | | | | | | | |
| 27.KOHAT | 19-25 | 19-54 | 20-42 | 26-16 | 12-03 | 295-39 | 06-56 | 299-02 | 77 | 48 | 1.60 | 3.4 |
| 28.MINHAS | 19-21 | 19-50 | 20-39 | 26-12 | 12-11 | 295-36 | 07-04 | 299-00 | 78 | 49 | 1.59 | 3.4 |
| 29.MM ALAM | 19-21 | 19-49 | 20-37 | 26-11 | 12-15 | 295-29 | 07-14 | 298-37 | 76 | 48 | 1.59 | 2.9 |
| 30.MURID | 19-20 | 19-49 | 20-37 | 26-11 | 11-44 | 295-47 | 06-34 | 299-04 | 77 | 48 | 1.59 | - |
| 31.RISALPUR. | 19-23 | 19-52 | 20-41 | 26-14 | 12-13 | 295-35 | 07-07 | 299-00 | 78 | 49 | 1.59 | 3.2 |
| 32. RAFIQUI | 19-13 | 19-41 | 20-27 | 26-03 | 12-28 | 295-18 | 07-21 | 298-15 | 74 | 46 | 1.58 | 1.8 |
| 33. SARGODHA | 19-15 | 19-43 | 20-31 | 26-05 | 12-17 | 295-26 | 07-14 | 298-32 | 76 | 48 | 1.58 | 2.0 |
| Sindh | | | | | | | | | | | | |
| 34. CHHOR | 19-10 | 19-36 | 20-21 | 25-58 | 12-43 | 295-41 | 07-42 | 297-27 | 71 | 45 | 1.57 | 1.8 |
| 35. HYDERABAD | 19-16 | 19-41 | 20-28 | 26-03 | 12-36 | 295-18 | 07-46 | 297-24 | 72 | 47 | 1.58 | 1.3 |
| 36. JACOBABAD | 19-32 | 19-49 | 20-36 | 26-11 | 12-39 | 295-12 | 07-34 | 297-47 | 74 | 47 | 1.59 | 0.8 |
| 37 KARACHI | 19-20 | 19-46 | 20-32 | 26-08 | 12-39 | 295.18 | 07-36 | 297-26 | 72 | 46 | 1.59 | 3.4 |
| 38. NAWABSHAH | 19-18 | 19-44 | 20-30 | 26-06 | 12-38 | 295-15 | 07-38 | 297-32 | 72 | 46 | 1.58 | 1.5 |

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