



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

No. C1-11(16)/2023-24/348-359
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 22nd July 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 SAFAR 1446 AH ON 05-08-2024.**

The new moon of **Safar 1446 AH** will be born on crossing conjunction point at **16-13 PST** on **04-08-2024**. 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 **FAIR CHANCE** of sighting the new moon of **Safar 1446 AH** on the evening of **05-08-2024**. (i.e. on 29th of Muharram 1446 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 Baracks, Karachi.

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

CO-ORDINATES OF NEW MOON OF SAFAR 1446 A.H. FALLING ON 05-08-2024.

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.			Oktas
Federal Capital Territory													
1.ISLAMABAD	19-07	19-34	19-55	27-21	08-11	283-11	02-59	286-35	48	21	1.32	4.3	
Azad Jammu Kashmir													
2. MUZAFFARABAD	19-08	19-35	19-55	27-22	07-52	283-24	02-43	286-53	48	20	1.32	4.0	
Balochistan													
3. BARKHAN	19-15	19-41	20-04	27-28	08-31	283-02	03-17	285-57	49	23	1.33	3.8	
4. DALBANDIN	19-35	20-00	20-23	27-47	08-39	282-56	03-34	285-37	50	23	1.36	1.4	
5. JIWANI	19-36	20-01	20-27	27-48	09-51	282-36	04-33	284-54	51	26	1.36	2.8	
6. KALAT	19-28	19-53	20-17	27-40	08-17	283-09	03-13	285-52	50	24	1.35	2.5	
7. KHUZDAR	19-25	19-50	20-14	27-37	08-36	283-02	03-28	285-38	50	24	1.34	3.2	
8. NOKKUNDI	19-41	20-06	20-30	27-53	08-48	282-50	03-42	285-31	50	24	1.37	0.6	
9. PASNI	19-29	19-54	20-19	27-41	09-55	282-35	04-38	284-54	50	25	1.35	2.2	
10. PUNJGUR	19-33	19-58	20-22	27-45	08-54	282-54	03-43	285-25	50	24	1.36	1.4	
11. QUETTA	19-28	19-54	20-17	27-41	08-19	283-05	03-06	286-02	49	23	1.35	2.6	
12. ZHOB	19-20	19-46	20-07	27-33	08-03	283-15	02-54	286-19	49	21	1.34	3.2	
Gilgit Baltistan													
13. GILGIT	19-09	19-37	19-59	27-24	07-21	283-47	02-10	287-33	48	22	1.32	4.8	
14. SKARDU	19-03	19-31	19-53	27-18	07-18	283-49	02-04	287-32	48	22	1.31	5.2	
Khyber Pakhtunkhwa													
15. CHITRAL	19-19	19-46	20-06	27-33	07-23	283-43	02-21	287-21	48	20	1.33	2.9	
16. D.I.KHAN	19-12	19-38	20-00	27-25	08-34	282-58	03-26	286-03	49	22	1.32	2.2	
17. DROSH	19-18	19-46	20-06	27-33	07-33	283-36	02-19	287-20	48	20	1.33	3.5	
18. PARACHINAR	19-26	19-54	20-10	27-41	06-56	283-56	01-39	287-31	49	16	1.35	5.5	
19. PESHAWAR	19-14	19-41	20-01	27-28	08-07	283-12	02-56	286-38	49	20	1.33	4.0	

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

CO-ORDINATES OF NEW MOON OF SAFAR 1446 A.H., FALLING ON 05-08-2024.

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 CLIMATOLOGY 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	18-59	19-25	19-48	27-12	08-51	282-55	03-37	285-50	49	23	1.31	3.5
21. JHELUM	19-03	19-29	19-51	27-16	08-20	283-08	03-16	286-20	48	22	1.31	4.1
22. KHANPUR	19-07	19-32	19-55	27-19	09-05	282-49	03-58	285-29	49	23	1.32	2.2
23. LAHORE	18-58	19-24	19-46	27-11	08-31	283-04	03-22	286-08	49	22	1.30	4.5
24. MULTAN	19-06	19-32	19-54	27-19	09-00	282-48	03-46	285-43	49	22	1.32	2.7
25.OKARA	19-00	19-26	19-48	27-13	08-41	282-58	03-30	285-58	49	22	1.31	-
26. SIALKOT	18-58	19-25	19-47	27-12	08-22	283-08	03-16	286-17	48	22	1.31	4.1
Pakistan Air Force												
27.KOHAT	19-14	19-41	20-02	27-28	08-08	283-12	02-56	286-35	49	21	1.33	4.0
28.MINHAS	19-10	19-37	19-59	27-24	08-13	283-09	03-01	286-35	49	22	1.32	3.2
29.MM ALAM	19-11	19-37	19-59	27-24	08-25	283-03	03-19	286-13	49	22	1.32	3.4
30.MURID	19-10	19-37	19-59	27-24	07-52	283-24	02-37	286-41	49	22	1.32	-
31.RISALPUR.	19-12	19-39	20-01	27-26	08-12	283-09	03-01	286-36	48	22	1.32	3.5
32. RAFIQUI	19-04	19-30	19-52	27-17	08-54	282-50	03-41	285-49	49	22	1.31	3.2
33. SARGODHA	19-05	19-32	19-54	27-19	08-35	282-58	03-16	286-13	49	22	1.31	3.5
Sindh												
34. CHHOR	19-05	19-29	19-54	27-16	09-35	282-48	04-32	285-03	50	25	1.31	4.5
35. HYDERABAD	19-10	19-35	20-00	27-22	09-41	282-44	04-24	285-04	50	25	1.32	3.1
36. JACOBABAD	19-15	19-40	20-04	27-27	09-14	282-44	04-05	285-22	50	24	1.33	1.9
37 KARACHI	19-15	19-39	20-04	27-26	09-37	282-48	04-32	285-00	50	25	1.33	5.8
38. NAWABSHAH	19-12	19-36	20-01	27-23	09-30	282-45	04-28	285-05	50	25	1.32	2.9

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