



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

No. C1-11(16)/2020-21/650-661
Government of Pakistan
Cabinet Secretariat (Aviation Division)
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 28th July, 2021.

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

Subject: **CO-ORDINATES & CHANCE FOR SIGHTING OF THE NEW MOON OF MUHARRAM 1443 AH ON 09-08-2021.**

The new moon of **Muharram, 1443 AH** will be born on crossing conjunction point at **18-51 PST** on **08-08-2021**. 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 **Muharram, 1443 AH** on the evening of **09-08-2021** i.e. on 29th of Zilhij, 1442 AH.

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

(NADEEM FAISAL)
Director, CDPC

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
Cabinet Secretariat (Aviation Division)
Pakistan Meteorological Department
Climate Data Processing Centre

CO-ORDINATES OF NEW MOON OF MUHARRAM 1443 A.H. FALLING ON 09-08-2021.

S.NO. & STATION	TIME OF SUNSET	TIME OF E.C.T.L	TIME OF MOONSET	AGE OF NEW MOON AT ECL	POSITION OF THE NEW MOON AT THE TIME OF				DURATION OF NEW MOON AFTER		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
Federal Capital Territory											
1..ISLAMABAD	19-04	19-30	19-57	24-37	08-57	283-09	03-55	286-23	53	27	4.3
Azad Jammu Kashmir											
2. MUZAFFARABAD	19-04	19-31	19-57	24-40	08-48	283-13	03-39	286-40	53	26	4.0
Baluchistan											
3. BARKHAN	19-12	19-38	20-06	24-47	09-17	283-03	04-03	285-56	54	28	3.8
4. DALBANDIN	19-31	19-57	20-25	25-06	09-39	282-50	04-21	285-37	54	28	1.4
5. JIWANI	19-34	19-58	20-28	25-07	10-25	282-46	05-21	284-58	54	30	2.8
6. KALAT	19-25	19-50	20-18	24-59	09-04	283-10	04-00	285-51	53	28	2.5
7. KHUZDAR	19-22	19-46	20-15	24-55	09-23	283-05	04-26	285-33	53	29	3.2
8. NOKKUNDI	19-38	20-03	20-32	25-12	09-35	282-51	04-29	285-31	54	29	0.6
9. PASNI	19-27	19-51	20-20	25-00	10-29	282-45	05-25	284-57	53	29	2.2
10. PUNJGUR	19-30	19-54	20-23	25-03	09-41	282-57	04-42	284-20	53	29	1.4
11. QUETTA	19-25	19-50	20-19	24-59	09-05	83-05	04-05	285-54	54	29	2.6
12. ZHOB	19-16	19-42	20-09	24-51	09-01	283-07	03-52	286-09	53	27	3.2
Gilgit and Baldistan											
13. GILGIT	19-05	19-32	20-01	24-41	08-18	283-34	03-16	287-10	56	29	4.8
14. SKARDU	18-59	19-26	19-54	24-35	08-15	283-37	03-10	287-10	55	28	5.2
Khyber Pakhtun Khwa											
15. CHITRAL	19-14	19-42	20-08	24-51	08-31	283-22	03-17	278-06	54	26	2.9
16. D.I.KHAN	19-08	19-34	20-02	24-43	09-32	282-50	04-23	285-53	54	20	2.2
17. DROSH	19-14	19-42	20-08	24-51	08-30	283-33	03-14	287-05	54	26	3.5
18. PARACHINAR	19-22	19-50	20-12	24-59	07-54	283-45	02-34	287-18	50	22	5.5

19. PESHAWAR	19-10	19-37	20-03	24-46	09-05	283-02	03-53	286-26	53	26	4.0
--------------	-------	-------	-------	-------	-------	--------	-------	--------	----	----	-----

Government of Pakistan
Cabinet Secretariat (Aviation Division)
Pakistan Meteorological Department
Climate Data Processing Centre

CO-ORDINATES OF NEW MOON OF MUHARRAM 1443 A.H., FALLING ON 09-08-2021.

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		CLOUD 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	18-56	19-21	19-49	24-30	09-36	282-55	04-34	285-42	53	28	3.5
21. JHELUM	18-59	19-25	19-52	24-34	09-17	282-58	04-12	286-09	53	27	4.1
22. KHANPUR	19-04	19-29	19-57	24-38	09-50	282-51	04-44	285-30	53	28	2.0
23. LAHORE	18-54	19-20	19-47	24-29	09-28	282-56	04-19	285-58	53	27	4.5
24. MULTAN	19-03	19-28	19-56	24-37	09-45	282-48	04-43	285-36	53	28	2.7
25. OKARA	18-57	19-22	19-50	24-31	09-26	282-58	04-27	285-49	53	28	-
26. SIALKOT	18-55	19-21	19-48	24-30	09-19	282-59	04-13	286-07	53	27	4.1
Pakistan Air Force											
27. KOHAT	19-10	19-37	20-04	24-46	09-06	283-01	03-53	286-23	54	27	4.0
28. MINHAS	19-06	19-33	20-00	24-42	09-10	282-59	03-58	286-22	54	27	3.2
29. MM ALAM	19-07	19-33	20-01	24-42	09-22	282-54	04-16	286-02	54	28	3.4
30. MURID	19-06	19-33	20-01	24-42	08-49	283-15	03-33	286-30	55	28	-
31. RISALPUR.	19-08	19-35	20-02	24-44	09-10	282-59	03-58	286-23	54	27	3.5
32. RAFIQUI	19-01	19-27	19-53	24-36	09-39	282-50	04-27	285-48	52	26	3.2
33. SARGODHA	19-02	19-28	19-55	24-37	09-21	282-57	04-13	286-02	53	27	3.5
Sindh											
34. CHHOR	19-02	19-26	19-55	24-35	10-21	282-52	05-17	285-07	53	29	4.5
35. HYDERABAD	19-07	19-32	20-01	24-41	10-27	282-49	05-11	285-08	54	29	3.1
36. JACOBABAD	19-12	19-37	20-05	24-46	10-00	282-46	04-52	285-23	53	28	1.9
37. KARACHI	19-12	19-36	20-06	24-45	10-24	282-52	05-19	285-03	54	30	5.8
38. NAWABSHAH	19-09	19-33	20-03	24-42	10-15	282-49	05-14	285-08	54	30	2.9

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