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No. C1-11(16)/2023-24/387-394  
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Karachi, the 20<sup>th</sup> June 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 MUHARRAM 1446 AH ON 06-07-2024.**

The new moon of **Muharram 1446 AH** will born on crossing conjunction point at **03-57 PST** on **06-07-2024**. 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 **No Chance** of sighting the new moon of **Muharram 1446 AH** on the evening of **06-07-2024**. i.e. on 29<sup>th</sup> of Zilhij1445 AH.

According to climate record, the weather is expected to be partly cloudy/cloudy 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.

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

**CO-ORDINATES OF NEW MOON OF MUHARRAM 1446 A.H. FALLING ON 06-07-2024.**

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 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
<b>Federal Capital Territory</b>												
1.ISLAMABAD	19-24	19-53	20-10	15-56	06-50	296-39	01-51	300-14	46	17	0.64	4.2
<b>Azad Jammu Kashmir</b>												
2. MUZAFFARABAD	19-25	19-54	20-10	15-57	06-42	296-53	01-47	300-33	45	16	0.64	4.4
<b>Balochistan</b>												
3. BARKHAN	19-30	19-57	20-13	16-00	06-38	296-10	01-48	299-09	44	16	0.65	4.0
4. DALBANDIN	19-48	20-15	20-32	16-18	06-57	295-50	02-01	298-42	44	17	0.66	1.6
5. JIWANI	19-48	20-13	20-31	16-16	07-23	295-16	02-37	297-32	43	18	0.66	2.6
6. KALAT	19-42	20-08	20-25	16-11	06-27	296-08	01-45	298-56	43	17	0.66	3.0
7. KHUZDAR	19-37	20-04	20-21	16-07	06-50	295-48	01-52	298-34	44	17	0.65	3.7
8. NOKKUNDI	19-54	20-21	20-38	16-24	07-05	295-44	02-08	298-36	44	17	0.67	0.7
9. PASNI	19-41	20-06	20-23	16-09	07-29	295-15	02-42	297-32	42	17	0.66	2.5
10. PUNJGUR	19-45	20-11	20-28	16-14	06-56	295-38	02-05	298-13	43	17	0.66	1.8
11. QUETTA	19-43	20-10	20-27	16-13	06-34	296-14	01-44	299-15	44	17	0.66	3.0
12. ZHOB	19-35	20-02	20-19	16-05	06-33	296-25	01-47	299-33	44	17	0.65	3.8
<b>Gilgit Baltistan</b>												
13. GILGIT	19-27	19-57	20-17	16-00	06-27	297-24	01-30	301-22	50	20	0.64	4.5
14. SKARDU	19-21	19-51	20-09	15-54	06-14	297-26	01-17	301-21	48	18	0.64	4.8
<b>Khyber Pakhtunkhwa</b>												
15. CHITRAL	19-37	20-07	20-24	16-10	06-28	297-21	01-31	301-18	47	17	0.65	2.7
16. D.I.KHAN	19-27	19-55	20-12	15-58	07-07	296-09	02-10	299-25	45	17	0.64	2.4
17. DROSH	19-36	20-06	20-23	16-09	06-33	297-14	01-34	301-09	47	17	0.65	3.2
18. PARACHINAR	19-45	20-14	20-25	16-17	05-26	297-38	00-38	301-19	40	11	0.66	5.4
19. PESHAWAR	19-31	20-00	20-16	16-03	06-52	296-41	01-55	300-18	45	16	0.65	3.9

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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 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
<b>Punjab</b>												
20.BAHAWALNAGAR	19-13	19-40	19-57	15-43	07-07	295-54	02-14	298-54	44	17	0.63	3.6
21. JHELUM	19-19	19-47	20-04	15-50	06-58	296-27	02-06	299-50	45	17	0.63	3.9
22. KHANPUR	19-20	19-47	20-03	15-50	07-14	295-42	02-16	298-32	43	16	0.64	2.0
23. LAHORE	19-13	19-41	19-57	15-44	06-59	296-14	02-02	299-29	44	16	0.63	4.0
24. MULTAN	19-21	19-48	20-04	15-51	07-08	295-56	02-16	298-56	43	16	0.64	2.9
25.OKARA	19-15	19-42	19-59	15-45	06-58	296-07	02-09	299-11	44	17	0.63	-
26. SIALKOT	19-15	19-43	19-59	15-46	06-53	296-26	02-00	299-47	44	16	0.63	3.9
<b>Pakistan Air Force</b>												
27.KOHAT	19-31	19-59	20-16	16-02	06-47	296-40	01-58	300-07	45	17	0.65	4.0
28.MINHAS	19-27	19-56	20-13	15-59	06-55	296-38	01-57	300-14	46	17	0.64	3.4
29.MM ALAM	19-27	19-55	20-12	15-58	06-58	296-22	02-05	299-43	45	17	0.64	3.7
30.MURID	19-26	19-54	20-12	15-57	06-27	296-42	01-37	300-04	46	18	0.64	-
31.RISALPUR.	19-29	19-58	20-16	16-01	06-57	296-38	02-00	300-16	47	18	0.64	3.6
32. RAFIQUI	19-19	19-46	20-02	15-49	07-10	296-00	02-20	299-02	43	16	0.63	3.6
33. SARGODHA	19-21	19-49	20-06	15-52	07-00	296-17	02-05	299-35	45	17	0.64	3.5
<b>Sindh</b>												
34. CHHOR	19-16	19-42	19-58	15-45	07-22	295-22	02-27	297-46	42	16	0.63	4.4
35. HYDERABAD	19-22	19-47	20-04	15-50	07-15	295-24	02-30	297-42	42	17	0.64	3.2
36. JACOBABAD	19-28	19-55	20-11	15-58	07-18	295-37	02-19	298-24	43	16	0.64	2.0
37 KARACHI	19-26	19-51	20-08	15-54	07-18	295-21	02-31	297-36	42	17	0.64	5.7
38. NAWABSHAH	19-24	19-50	20-07	15-53	07-17	295-27	02-23	297-56	43	17	0.64	3.1

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