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No. C1-11(16)/2023-24/69-80  
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Karachi, the 22<sup>nd</sup> January, 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 SHABAN 1445 AH ON 10-02-2024.**

The new moon of **Shaban 1445 AH** will born on crossing conjunction point at **03-59 PST** on **10-02-2024**. 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 **Shaban 1445 AH** on the evening of **10-02-2024** i.e. on 29<sup>th</sup> of Rajab 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.

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

**CO-ORDINATES OF NEW MOON OF SHABAN 1445 A.H. FALLING ON 10-02-2024.**

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		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.	Mts.	Mts.		
	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	17-50	18-15	18-21	14-16	04-28	247-48	00-10	251-18	31	06	0.62	4.4
<b>Azad Jammu Kashmir</b>												
2. MUZAFFARABAD	17-47	18-13	18-18	14-14	04-26	247-31	00 -02	251-14	31	05	0.61	4.9
<b>Balochistan</b>												
3. BARKHAN	18-10	18-34	18-42	14-35	04-45	249-00	00-23	252-03	32	08	0.64	2.8
4. DALBANDIN	18-32	18-56	19-05	14-57	05-10	249-10	00-43	252-09	33	09	0.67	2.8
5. JIWANI	18-44	19-08	19-19	15-09	06-16	249-46	01-34	252-26	35	11	0.68	1.9
6. KALAT	18-25	18-49	18-58	14-50	04-42	249-23	00-18	252-22	33	09	0.66	3.0
7. KHUZDAR	18-25	18-49	18-58	14-59	05-05	249-31	00 -35	252-24	33	09	0.66	2.5
8. NOKKUNDI	18-38	19-02	19-12	15-03	05-22	249-05	00-54	252-04	34	10	0.68	2.4
9. PASNI	18-37	19-00	19-11	15-01	06-12	249-42	01-41	252-18	34	11	0.67	1.7
10. PUNJGUR	18-35	18-59	19-09	15-00	05-30	249-35	00-55	252-24	34	10	0.67	2.3
11. QUETTA	18-21	18-46	18-55	14-47	04-48	248-54	00-17	252-08	34	09	0.65	4.1
12. ZHOB	18-09	18-34	18-41	14-35	04-37	248-36	00-11	251-55	32	07	0.64	3.0
<b>Gilgit Baltistan</b>												
13. GILGIT	17-43	18-10	18-17	14-11	03-56	247-18	-00-29	251-18	34	07	0.61	5.5
14. SKARDU	17-40	18-06	18-12	14-07	03-42	247-44	-00-34	251-30	32	06	0.60	5.7
<b>Khyber Pakhtunkhwa</b>												
15. CHITRAL	17-53	18-20	18-25	14-21	04-03	247-18	-00-23	251-17	32	05	0.62	4.8
16. D.I.KHAN	18-00	18-25	18-32	14-26	04-59	248-07	00-32	251-30	32	07	0.63	2.9
17. DROSH	17-54	18-20	18-25	14-21	04-01	247-26	-00-16	251-15	31	05	0.62	4.8
18. PARACHINAR	18-01	18-27	18-36	14-28	04-41	247-36	00-13	251-17	35	09	0.63	4.4
19. PESHAWAR	17-55	18-20	18-26	14-21	04-34	247-36	00-26	251-00	31	06	0.62	4.4

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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 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
<b>Punjab</b>												
20.BAHAWALNAGAR	17-53	18-18	18-25	14-19	05-08	248-38	00-14	252-05	32	07	0.62	2.9
21. JHELUM	17-47	18-13	18-19	14-14	04-48	247-47	00-16	251-23	32	06	0.61	3.9
22. KHANPUR	18-05	18-29	18-37	14-30	05-22	248-58	00-53	251-57	32	08	0.63	2.2
23. LAHORE	17-47	18-12	18-18	14-13	04-50	248-16	00-23	251-36	31	06	0.61	3.2
24. MULTAN	17-59	18-24	18-31	14-25	05-21	248-26	00-47	251-40	32	07	0.63	3.0
25.OKARA	17-51	18-16	18-23	14-17	05-03	248-23	00-33	251-40	32	07	0.62	-
26. SIALKOT	17-45	18-10	18-16	14-11	04-42	248-00	00-19	251-26	31	06	0.61	3.5
<b>Pakistan Air Force</b>												
27.KOHAT	17-56	18-22	18-28	14-23	04-40	247-41	00-11	251-21	32	06	0.62	3.6
28.MINHAS	17-51	18-17	18-24	14-18	04-43	247-30	00-15	251-11	33	07	0.62	4.0
29.MM ALAM	17-56	18-22	18-28	14-23	04-57	247-51	00-23	251-25	32	06	0.62	3.8
30.MURID	17-56	18-21	18-28	14-22	04-16	248-22	-00-04	251-47	32	07	0.62	-
31.RISALPUR.	17-53	18-19	18-25	14-20	04-36	247-32	00-10	251-14	32	06	0.62	4.1
32. RAFIQUI	17-56	18-20	18-27	14-21	05-06	248-23	00-45	251-32	31	07	0.62	3.3
33. SARGODHA	17-53	18-18	18-24	14-19	04-50	248-07	00-24	251-30	31	06	0.62	3.5
<b>Sindh</b>												
34. CHHOR	18-11	18-35	18-44	14-36	06-01	249-36	01-21	252-19	33	09	0.64	1.7
35. HYDERABAD	18-17	18-41	18-51	14-42	06-01	249-40	01-20	252-23	34	10	0.65	1.6
36. JACOBABAD	18-14	18-38	18-47	14-39	05-33	249-01	01-02	251-58	33	09	0.65	2.2
37 KARACHI	18-23	18-47	18-57	14-48	06-03	249.50	01-20	252-30	34	10	0.66	1.8
38. NAWABSHAH	18-16	18-40	18-50	14-41	05-57	249-26	01-09	252-13	34	10	0.65	2.0

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