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No. C1-11(16)/2023-24/113-124
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Karachi, the 13th February, 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 RAMZAN 1445 AH ON 11-03-2024.**

The new moon of **Ramzan 1445 AH** will be born on crossing conjunction point at **14-00 PST** on **10-03-2024**. 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 a **Good Chance** of sighting the new moon of **Ramzan 1445 AH** on the evening of **11-03-2024** i.e. on 29th of Shaban 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 Baracks, Karachi.

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Ministry of Aviation Division
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CO-ORDINATES OF NEW MOON OF RAMZAN 1445 A.H. FALLING ON 11-03-2024.

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.				
	Hrs-Mts	Hrs-Mts	Hrs-Mts	Hrs-Mts	Dg-Mt	Dg-Mt	Dg-Mt	Dg-Mt	Mts.	Mts.	%	Oktas
Federal Capital Territory												
1.ISLAMABAD	18-15	18-39	19-33	28-39	13-59	263-04	09-16	266-29	78	54	2.12	4.7
Azad Jammu Kashmir												
2. MUZAFFARABAD	18-13	18-38	19-32	28-38	13-58	262-48	09 -06	266-12	79	54	2.11	5.2
Balochistan												
3. BARKHAN	18-30	18-54	19-47	28-54	14-15	264-16	09-18	267-20	77	53	2.16	3.1
4. DALBANDIN	18-52	19-15	20-08	28-15	14-24	264-38	09-37	267-30	76	53	2.21	3.1
5. JIWANI	19-01	19-23	20-16	29-23	15-08	265-32	10-23	267-57	75	53	2.23	2.1
6. KALAT	18-45	19-08	20-01	29-08	13-56	264-48	09-10	267-41	76	53	2.19	3.0
7. KHUZDAR	18-44	19-07	19-59	09-07	14-13	265-02	09 -23	267-48	75	52	2.19	3.1
8. NOKKUNDI	18-58	19-21	20-15	29-21	14-36	264-34	09-48	267-26	77	54	2.23	2.8
9. PASNI	18-53	19-16	20-08	29-16	15-19	265-20	10-22	267-53	75	52	2.21	1.7
10. PUNJGUR	18-53	19-17	20-08	29-17	14-37	265-08	09-36	267-57	75	51	2.21	2.5
11. QUETTA	18-43	19-06	20-01	29-06	13-59	264-23	09-16	267-22	78	55	2.19	4.3
12. ZHOB	18-32	18-56	19-48	28-56	13-54	264-00	09-03	267-12	76	52	2.16	3.7
Gilgit Baltistan												
13. GILGIT	18-11	18-36	19-34	28-36	13-28	262-37	08-42	266-22	73	58	2.11	5.7
14. SKARDU	18-06	18-32	19-28	28-32	13-25	262-50	08-25	266-40	72	56	2.10	5.7
Khyber Pakhtunkhwa												
15. CHITRAL	18-21	18-46	19-41	28-46	13-34	262-37	08-48	266-22	80	55	2.13	5.2
16. D.I.KHAN	18-23	18-47	19-41	28-47	14-26	263-27	09-36	266-42	78	54	2.14	3.3
17. DROSH	18-21	18-46	19-41	28-46	13-39	262-40	08-52	266-22	80	55	2.13	5.1
18. PARACHINAR	18-28	18-54	19-48	28-54	13-54	263-08	08-48	266-50	80	54	2.15	5.2
19. PESHAWAR	18-20	18-45	19-39	28-45	14-13	262-48	09-19	266-24	79	54	2.13	4.8

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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
Punjab												
20.BAHAWALNAGAR	18-14	18-38	19-30	28-36	14-29	264-00	09-33	267-05	76	52	2.12	2.9
21. JHELUM	18-11	18-36	19-29	28-36	14-21	263-02	09-23	266-32	78	53	2.11	4.1
22. KHANPUR	18-24	18-48	19-39	28-48	14-46	264-20	09-46	267-18	75	51	2.14	2.3
23. LAHORE	18-09	18-34	19-26	28-34	14-24	263-28	09-21	266-51	77	52	2.11	3.3
24. MULTAN	18-21	18-45	19-37	28-45	14-35	263-54	09-40	267-01	76	52	2.13	3.2
25.OKARA	18-13	18-37	19-30	28-37	14-26	263-43	09-32	266-54	77	53	2.17	-
26. SIALKOT	18-08	18-33	19-26	28-33	14-09	263-11	09-20	266-39	78	53	2.10	3.5
Pakistan Air Force												
27.KOHAT	18-21	18-46	19-40	28-46	14-12	262-59	09-16	266-42	79	54	2.13	4.3
28.MINHAS	18-17	18-42	19-36	28-42	14-09	262-53	09-14	266-28	79	54	2.12	4.3
29.MM ALAM	18-20	18-45	19-38	28-45	14-25	263-11	09-26	266-38	78	53	02.13	4.4
30.MURID	18-20	18-44	19-38	28-44	13-39	263-42	08-52	267-00	78	54	2.13	-
31.RISALPUR.	18-18	18-43	19-38	28-43	14-16	262-44	09-22	266-20	80	55	2.13	4.7
32. RAFIQUI	18-17	18-42	19-33	28-42	14-41	263-37	09-35	266-55	76	51	2.12	3.7
33. SARGODHA	18-16	18-40	19-33	28-42	14-20	263-23	09-31	266-40	77	53	2.12	3.8
Sindh												
34. CHHOR	18-28	18-51	19-41	28-51	15-00	265-16	10-04	267-50	73	50	2.15	2.0
35. HYDERABAD	18-34	18-57	19-48	28-57	14-57	265-22	10-00	267-55	74	51	2.17	1.9
36. JACOBABAD	18-33	18-56	19-49	28-56	14-52	264-27	10-03	267-16	76	53	2.16	2.6
37 KARACHI	18-39	19-02	19-53	29-02	15-03	265.30	10-05	268-01	74	51	2.18	2.0
38. NAWABSHAH	18-34	18-57	19-48	28-57	14-56	265-06	10-01	267-44	74	51	2.17	2.4

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