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Government of Pakistan
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Karachi, the 12th September 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 RABI US SANI 1446 AH ON 04-10-2024.**

The new moon of **Rabi us Sani 1446 AH** will born on crossing conjunction point at **23-49 PST** on **02-10-2024**. 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 **Rabi us Sani 1446 AH** on the evening of **04-10-2024** i.e on 29th Rabi ul Awwal 1446.

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

(ASIF HUSSAIN)
Deputy Director
For 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
Pakistan Meteorological Department
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CO-ORDINATES OF NEW MOON OF RABI US SANI 1446 A.H. FALLING ON 04-10-2024.

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.	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	17-51	18-16	18-30	42-27	06-14	248-20	01-37	251-46	39	14	2.75	2.0
Azad Jammu Kashmir												
2. MUZAFFARABAD	17-50	18-15	18-28	42-26	05-52	248-20	01-18	251-49	38	13	2.75	2.3
Balochistan												
3. BARKHAN	18-08	18-32	18-50	42-43	06-57	249-09	02-17	252-09	42	18	2.79	1.2
4. DALBANDIN	18-29	18-52	19-12	43-03	07-26	249-07	02-54	251-55	43	20	2.83	0.8
5. JIWANI	18-38	19-01	19-26	43-12	09-06	249-27	04-21	251-58	48	25	2.85	0.4
6. KALAT	18-22	18-46	19-05	42-57	07-01	249-22	02-17	252-17	43	19	2.82	0.6
7. KHUZDAR	18-21	18-44	19-05	42-55	07-35	249-26	02-59	252-08	44	21	2.82	0.9
8. NOKKUNDI	18-35	18-59	19-19	43-10	07-36	249-00	02-52	251-55	44	20	2.85	0.5
9. PASNI	18-31	18-54	19-17	43-05	09-04	249-25	04-19	251-58	46	23	2.84	0.4
10. PUNJGUR	18-31	18-54	19-16	43-05	07-57	249-28	03-18	252-07	45	22	2.84	0.7
11. QUETTA	18-20	18-44	19-02	42-55	06-44	249-07	02-05	252-08	42	18	2.81	0.9
12. ZHOB	18-09	18-33	18-49	42-44	06-26	248-58	01-52	252-04	40	16	2.79	1.0
Gilgit Baltistan												
13. GILGIT	17-48	18-13	18-25	42-24	05-02	248-24	00-37	252-00	37	12	2.74	4.0
14. SKARDU	17-43	18-09	18-23	42-20	05-10	248-34	00-33	252-15	40	14	2.73	4.1
Khyber Pakhtunkhwa												
15. CHITRAL	17-58	18-23	18-34	42-34	05-05	248-21	00-40	251-56	36	11	2.77	3.1
16. D.I.KHAN	18-00	18-24	18-41	42-35	06-52	248-31	02-18	251-41	41	17	2.77	0.7
17. DROSH	17-58	18-23	18-35	42-34	05-14	248-20	00-47	251-55	37	12	2.77	3.2
18. PARACHINAR	18-05	18-31	18-44	42-42	05-50	248-30	01-04	252-04	39	13	2.78	3.2
19. PESHAWAR	17-57	18-22	18-35	42-33	06-07	248-14	01-32	251-42	38	13	2.76	2.5

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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	17-51	18-15	18-34	42-26	07-27	248-52	02-45	251-53	43	19	2.75	0.7
21. JHELUM	17-48	18-13	18-28	42-24	06-35	248-21	01-54	251-44	40	15	2.74	1.3
22. KHANPUR	18-01	18-25	18-45	42-36	07-60	248-57	03-14	251-52	44	20	2.77	0.9
23. LAHORE	17-46	18-11	18-27	42-22	06-59	248-36	02-12	251-53	41	16	2.74	0.8
24. MULTAN	17-58	18-22	18-40	42-33	07-26	248-45	02-46	251-48	42	18	2.77	0.7
25.OKARA	17-50	18-14	18-32	42-25	07-11	248-44	02-33	251-49	42	18	2.75	-
26. SIALKOT	17-45	18-10	18-25	42-21	06-41	248-28	01-58	251-49	40	15	2.74	1.0
Pakistan Air Force												
27.KOHAT	17-58	18-23	18-37	42-34	06-13	248-20	01-35	251-46	39	14	2.77	1.9
28.MINHAS	17-54	18-18	18-33	42-29	06-07	248-19	01-42	251-38	39	15	2.76	2.0
29.MM ALAM	17-57	18-22	18-37	42-33	06-41	248-23	01-59	251-44	40	15	2.76	1.5
30.MURID	17-57	18-21	18-37	42-32	05-59	248-55	01-29	252-07	40	16	2.76	-
31.RISALPUR.	17-55	18-20	18-34	42-31	06-11	248-11	01-35	251-39	39	14	2.76	2.2
32. RAFIQUI	17-55	18-19	18-36	42-30	07-12	248-43	02-34	251-47	41	17	2.76	0.8
33. SARGODHA	17-53	18-17	18-33	42-28	06-46	248-33	02-12	251-43	40	16	2.75	1.0
Sindh												
34. CHHOR	18-05	18-28	18-51	42-39	09-02	249-27	04-18	252-01	46	23	2.78	1.0
35. HYDERABAD	18-11	18-34	18-58	42-45	08-59	249-30	04-15	252-03	47	24	2.79	0.5
36. JACOBABAD	18-10	18-34	18-54	42-45	08-08	248-58	03-21	251-51	44	20	2.79	0.4
37 KARACHI	18-17	18-40	19-04	42-51	08-59	249-39	04-14	252-09	47	24	2.81	0.9
38. NAWABSHAH	18-11	18-34	18-57	42-45	08-44	249-20	04-02	251-57	46	23	2.79	0.6

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