



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

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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 22nd October, 2020.

The Director-General,
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 1442 AH ON 16-11-2020.**

The new moon of **Rabi us Sani, 1442 AH** will be born on crossing conjunction point at **10-07 PST** on **15-11-2020**. 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 **Rabi us Sani, 1442 AH** on the evening of **16-11-2020** i.e. on 29th of Rabi ul Awwal, 1442 AH.

According to climate record, the weather is expected to be Fair/partly 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/ FFD Lahore / R&D Islamabad.
3. Director, R.M.C Karachi/Lahore/Peshawar/Gilgit/Quetta.
4. Deputy Director, NMCC, Karachi.
5. Sr. Met. MMO, Karachi.
6. Director, Operation (Met.), Rear Air HQ, Peshawar.
7. Hydrographer, Hydrographic Department, Naval HQ, Liaquat Barracks, Karachi.

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CO-ORDINATES OF NEW MOON OF RABI US SANI 1442 A.H. FALLING ON 16-11-2020.

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		CLLOUD CLIMATOLOGY 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
1.BAHAWALNAGAR	17-12	17-38	18-20	31-31	11-02	236-08	06-28	239-41	68	42	1.1
2. CHITRAL	17-10	17-37	18-14	31-30	08-59	234-00	04-39	238-08	64	37	3.1
3. D.I.KHAN	17-18	17-44	18-25	31-37	10-37	235-15	06-10	238-58	67	41	1.2
4. DROSH	17-10	17-38	18-15	31-31	09-11	234-00	04-40	238-17	65	37	2.9
5. GILGIT	16-59	17-27	18-06	31-20	09-03	233-55	04-33	238-13	67	39	3.7
6.ISLAMABAD	17-07	17-34	18-12	31-27	09-55	234-41	05-25	238-41	65	38	2.6
7. JHELUM	17-05	17-31	18-10	31-24	10-13	234-53	05-51	238-41	65	39	1.9
8.KOHAT	17-14	17-40	18-19	31-33	09-55	234-42	05-36	238-32	65	39	2.0
9. KHANPUR	17-24	17-49	18-32	31-42	11-31	236-32	07-03	239-52	68	43	0.9
10. LAHORE	17-05	17-31	18-11	31-24	10-35	235-30	06-06	239-11	66	40	1.3
11.MINHAS	17-09	17-35	18-15	31-28	09-55	234-30	05-37	238-22	66	40	2.6
12.MM ALAM	17-15	17-41	18-20	31-34	10-16	235-05	05-52	238-51	65	39	2.1
13.MURID	17-14	17-40	18-21	31-33	09-48	235-31	05-23	239-15	67	41	-
14. MUZAFFARABAD	17-05	17-31	18-09	31-24	09-33	234-31	05-16	238-25	64	38	2.5
15. MULTAN	17-19	17-44	18-26	31-37	11-00	236-00	06-37	239-26	67	42	1.3
16.OKARA	17-10	17-36	18-17	31-29	10-47	235-49	06-16	239-26	67	41	-
17. PARACHINAR	17-17	17-45	18-26	31-38	10-10	234-14	05-53	238-24	69	41	3.1
18. PESHAWAR	17-12	17-39	18-17	31-32	09-53	234-25	05-26	238-26	65	38	2.7
19.RISALPUR.	17-10	17-37	18-16	31-30	09-55	234-21	05-28	238-23	66	39	2.5
20. RAFIQI	17-15	17-40	18-21	31-33	10-48	235-47	06-28	239-16	66	41	1.6
21. SARGODHA	17-11	17-37	18-17	31-30	10-26	235-16	06-00	239-00	66	40	1.7
22. SIALKOT	17-03	17-29	18-08	31-22	10-14	235-11	05-50	238-56	65	39	1.6
23. SKARDU	16-56	17-23	18-02	31-16	09-00	234-25	04-37	238-31	66	39	3.7

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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		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
1. BARKHAN	17-29	17-54	18-37	31-47	10-40	236-26	06-15	239-50	68	43	1.3
2. CHHOR	17-33	17-57	18-41	31-50	12-16	237-49	07-47	240-46	68	44	0.9
3. DALBANDIN	17-52	18-17	19-00	32-10	11-02	236-41	06-34	240-01	68	43	1.5
4. HYDERABAD	17-39	18-03	18-48	31-56	12-16	237-53	07-47	240-49	69	45	0.8
5. JACOBABAD	17-34	17-59	18-42	31-52	11-34	236-41	07-04	239-59	68	43	0.9
6. JIWANI	18-06	18-30	19-16	32-23	12-31	237-49	08-01	240-44	70	46	0.9
7. KALAT	17-44	18-09	18-52	32-02	10-46	236-50	06-18	240-09	68	43	1.6
8. KHUZDAR	17-45	18-10	18-54	32-03	11-12	237-13	06-40	240-27	69	44	1.2
9. KARACHI	17-45	18-09	18-54	32-02	12-24	238-03	07-54	240-57	69	45	1.1
10. NAWABSHAH	17-37	18-02	18-47	31-55	12-13	237-25	07-36	240-33	70	45	0.8
11. NOKKUNDI	17-58	18-23	19-07	32-16	11-13	236-34	06-45	239-54	69	44	1.4
12. PASNI	17-58	18-22	19-08	32-15	12-36	237-40	08-07	240-36	70	46	0.7
13. PUNJGUR	17-56	18-21	19-05	32-14	11-35	237-24	07-00	240-35	69	44	1.1
14. QUETTA	17-40	18-06	18-49	31-59	10-35	236-14	06-01	239-48	69	43	2.1
15. ZHOB	17-28	17-54	18-34	31-47	10-12	235-54	05-42	239-33	66	40	1.4

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