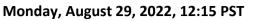
Daily Space Weather Summary (SUPARCO)





							SULANO	
	LOC	CAL CURRENT	IONOSPHERIC	CONDITIONS (S	SON)			
Critical Frequency of F2 layer (foF2) Virtual Height of F2 layer (h`F2) Total Electron Content (TEC)								
				340 km 27 TECU				
100	200	400	600	800	1000	1500	3000	
9.2	9.5	10.4	11.9	13.5	15.2	19.2	23.3	
7.8	8.1	8.8	10.1	11.5	12.9	16.3	19.8	
litions are no	ormal as comp	ared to the pr	edicted monthly	median MUF.				
		LOCAL G	EOMAGNETIC (CONDITIONS				
K-index				3 (quiet)				
Total Field (F) (SON/ISB)				45575/50085 nT				
magnetic fie	ld is quiet at t	he moment.	-					
		LATE	ST SOLAR CON	DITIONS				
Sunspot Number (SN)				79				
Solar radio flux (F10.7)				252 sfu				
Solar wind speed				433.3 km/s (varied in the past 24 hrs between 381 & 504 km/s)				
Solar x-ray flares			C3.0 (max flare in the past 24 hrs: M6, 1619 UT)					
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)			10.2 nT (varied in the past 12 hrs between 5.2 nT & 10.5 nT) 4.5 nT (varied in the past 12 hrs between -4.0 nT & 8.3 nT)					
	ight of F2 tron Cont um Usable 100 9.2 7.8 litions are no 1 (F) (SO magnetic fie lumber (S o flux (F1 d speed y flares etary Mag i (Bt)	equency of F2 layer ight of F2 layer (h` tron Content (TEC) um Usable Frequency 9.2 9.5 7.8 8.1 litions are normal as comp d (F) (SON/ISB) magnetic field is quiet at t lumber (SN) o flux (F10.7) d speed y flares	equency of F2 layer (foF2) ight of F2 layer (h`F2) tron Content (TEC) um Usable Frequency (MUF) and 100 200 400 9.2 9.5 10.4 7.8 8.1 8.8 litions are normal as compared to the pr LOCAL G 4 (F) (SON/ISB) magnetic field is quiet at the moment. LATE lumber (SN) o flux (F10.7) d speed y flares etary Magnetic Field (IMF) i (Bt)	equency of F2 layer (foF2)9.1 MHzight of F2 layer (h`F2)340 kmtron Content (TEC)27 TECUum Usable Frequency (MUF) and Utimum Tra1002004006009.29.510.411.97.88.18.810.1litions are normal as compared to the predicted monthlyLOCAL GEUMAGNETIC O3 (quiet)3 (quiet)4 (F) (SON/ISB)45575/500magnetic field is quiet at the moment.LATEST SOLAR CON1umber (SN)79o flux (F10.7)252 sfu4 speed433.3 km/sy flaresC3.0 (max fetary Magnetic Field (IMF)10.2 nT (van nT)4 (Bt)10.2 nT (van nT)4.5 nT (van nT)4.5 nT (van nT)	equency of F2 layer (foF2) 9.1 MHz ight of F2 layer (h`F2) 340 km tron Content (TEC) 27 TECU um Usable Frequency (MUF) and Optimum Traffic Frequence 100 200 400 600 800 9.2 9.5 10.4 11.9 13.5 7.8 8.1 8.8 10.1 11.5 LOCAL GEOMAGNETIC CONDITIONS a (quiet) 4 (F) (SON/ISB) 45575/50085 nT magnetic field is quiet at the moment. LATEST SOLAR CONDITIONS lumber (SN) 79 252 sfu d speed d speed grade (IMF) 10.2 nT (varied in the page nT) o flux (F10.7) grade (IMF) lo.2 nT (varied in the page nT) a (J.2 nT (varied in the page nT)	ight of F2 layer (h`F2) 340 km tron Content (TEC) 27 TECU um Usable Frequency (MUF) and Optimum Traffic Frequency (FOT) for v 100 200 400 600 800 1000 9.2 9.5 10.4 11.9 13.5 15.2 7.8 8.1 8.8 10.1 11.5 12.9 litions are normal as compared to the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS 3 (quiet) 4 45575/50085 nT magnetic field is quiet at the moment. LATEST SOLAR CONDITIONS lumber (SN) 79 252 sfu d speed 433.3 km/s (varied in the past 24 hr; km/s) y flares C3.0 (max flare in the past 12 hrs be nT) 4.5 nT (varied in the past 12 hrs be nT) 4.5 nT (varied in the past 12 hrs be nT) 4.5 nT (varied in the past 12 hrs be nT)	Equency of F2 layer (h°F2) 9.1 MHz ight of F2 layer (h°F2) 340 km tron Content (TEC) 27 TECU um Usable Frequency (MUF) and Optimum Traffic Frequency (FOT) for various distance 100 200 400 600 800 1000 1500 9.2 9.5 10.4 11.9 13.5 15.2 19.2 7.8 8.1 8.8 10.1 11.5 12.9 16.3 Itions are normal as compared to the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS Itions are normal as compared to the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS Igitable field is quiet at the moment. LATEST SOLAR CONDITIONS Itimber (SN) 79 252 sfu 433.3 km/s (varied in the past 24 hrs between 3 km/s) y flares C3.0 (max flare in the past 24 hrs: M6, 1619 UT) a speed 10.2 nT (varied in the past 12 hrs between 5.2 mT)	

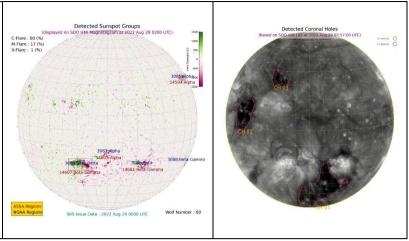
Sonmiani (SON): 25.2º N, 66.75º E, Islamabad (ISB): 33.7º N, 73.13º E

Notes: Credits: www.spaceweather.go.kr,www.sws.bom.gov.au,www.spaceweather.com,www.solen.info

Daily Sun: 29 August 2022

There are two active regions AR3088 and AR3089 present on the Sun capable of producing strong solar M and X-Class flares having chances of 17% and 1% respectively.

03 Coronal Holes (CHs) are detected on the solar disk.



DISCUSSION:

Solar activity is expected to remain at moderate levels. Shortwave radio fadeouts are possible in case of solar flares. Geomagnetic activity is expected to be quiet. Local HF conditions are normal.