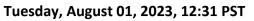
Daily Space Weather Summary (SUPARCO)





			AL CURDENT														
		LUC	AL CURRENT		CONDITIONS (50N)											
Critical Frequency of F2 layer (foF2) Virtual Height of F2 layer (h`F2) Total Electron Content (TEC)				10.4 MHz 288 km 45 TECU													
									Maxim	um Usable	e Frequency	(MUF) and	Optimum Tra	ffic Frequenc	cy (FOT) for v	arious dist	ances
									Distance (Km)	100	200	400	600	800	1000	1500	3000
MUF (MHz)	10.5	11.0	12.5	14.5	16.8	19.2	24.7	28.2									
FOT (MHz)	8.8	9.4	10.6	12.3	14.3	16.3	21.0	24.0									
Local HF con	ditions are n	ormal as comp	ared to the pro	edicted monthly	median MUF.												
			LOCAL GE	EOMAGNETIC (CONDITIONS												
K-index				0 (Quiet)													
Total Field (F) (Son/Isb)				45515/50025 nT													
The local geo	magnetic fie	eld is quiet at tl	ne moment.														
			LATES	ST SOLAR CON	DITIONS												
Sunspot Number (SN)				197													
Solar radio flux (F10.7)				174 sfu													
Solar wind speed				379.2 km/s (varied in the past 24 hrs between 348 & 490 km/s)													
Solar x-ray flares				M2.3 (max flare in the past 24 hrs (M3, 0657 UT)													
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)				+3.0 nT (varied in the past 12 hrs between +2.3 nT & +5.4 nT) +0.8 nT (varied in the past 12 hrs between -3.8 nT & +3.4 nT)													

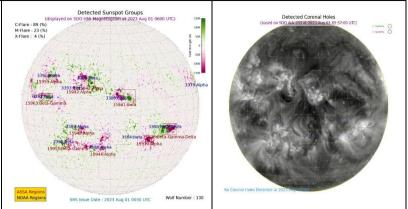
Sonmiani (SON): 25.2º N, 66.75º E, Islamabad (ISB): 33.7º N, 73.13º E

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

Daily Sun: 1 August 2023

There is one active region AR3380 present on the Sun capable of producing strong C and M-class solar flares having chances of 23% and 4% respectively.

No Coronal Hole (CH) is detected on the solar disk.



DISCUSSION:

Solar activity is expected to be at moderate levels. In case of solar flares, shortwave fadeouts may be observed. Low to moderate solar wind speed and quiet geomagnetic activity is expected. HF conditions are normal.