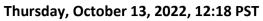
Daily Space Weather Summary (SUPARCO)





								SUPARCU
		LOC	AL CURRENT	IONOSPHERIC	CONDITIONS (SON)		
Critical Frequency of F2 layer (foF2)				11.9 MHz				
Virtual Height of F2 layer (h`F2) Total Electron Content (TEC)				283 km 68 TECU				
Distance (Km)	100	200	400	600	800	1000	1500	3000
MUF (MHz)	12.1	12.5	14.2	16.6	19.1	21.8	27.8	33.4
FOT (MHz)	10.3	10.6	12.1	14.1	16.2	18.5	23.6	28.4
Local HF con	ditions are e	nhanced as cor	npared to the	predicted mont	hly median MU	F.		
			LOCAL GE	EOMAGNETIC (CONDITIONS			
K-index				0 (Quiet)				
Total Field (F) (Son/Isb)				45545/50055 nT				
The local geo	omagnetic fie	eld is quiet at th	ne moment.	•				
			LATES	ST SOLAR CON	DITIONS			
Sunspot Number (SN)				62				
Solar radio flux (F10.7)				141 sfu				
Solar wind speed				304.9 km/sec (varied in the past 24 hrs between 310 & 621 km/s)				
Solar x-ray flares				B8.5 (max flare in the past 24 hrs: (M1, 0019 UT)				
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)				4.0 nT (varied in the past 12 hrs between 2.8 nT & 4.3 nT) -1.5 nT (varied in the past 12 hrs between -3.4 nT & 0.6 nT)				
Solar conditi	ons are at lo	w levels with b	ackground X-r	ay flux at B-clas	s level.			

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: 13 October 2022

There is no active region present on the Sun capable of producing strong solar flares. No Coronal Hole (CH) is detected on the solar disk.

DISCUSSION:

Solar activity is expected to remain at low levels. In case of solar flares, shortwave fadeouts are possible. Low solar wind speed and quiet geomagnetic activity is expected. HF conditions are enhanced.