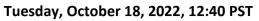
Daily Space Weather Summary (SUPARCO)





								JUPARC
		LOC	CAL CURRENT	ONOSPHERIC	CONDITIONS (SON)		
Critical Frequency of F2 layer (foF2) Virtual Height of F2 layer (h`F2) Total Electron Content (TEC)				11.1 MHz				
				264 km 50 TECU				
Distance (Km)	100	200	400	600	800	1000	1500	3000
MUF (MHz)	11.3	11.9	13.9	16.6	19.5	22.5	29.1	32.3
FOT (MHz)	9.6	10.1	11.8	14.1	16.6	19.1	24.8	27.5
Local HF con	ditions are sl	ightly enhance	d as compare	d to the predicte	ed monthly med	ian MUF.		-
			LOCAL G	EOMAGNETIC (CONDITIONS			
K-index				1 (Quiet)				
Total Field (F) (Son/Isb)				45538/50049 nT				
The local geo	omagnetic fie	eld is quiet at th	ne moment.					
			LATE	ST SOLAR CON	DITIONS			
Sunspot Number (SN)				84				
Solar radio flux (F10.7)				126 sfu				
Solar wind speed				543.2 km/sec (varied in the past 24 hrs between 300.4 8 645.8 km/s)				
Solar x-ray flares				B 6.8 (max flare in the past 24 hrs: (C 3.0, 1714 UT Oct 17)				
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)				4.2 nT (varied in the past 12 hrs between 1.9 nT & 17. nT) +3.3 nT (varied in the past 12 hrs between -13.6 nT + +9.2 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: 18 October 2022

There is no active region present on the Sun capable of producing strong solar flares. 01 Coronal Hole (CH) is detected on the solar disk (CH) is detected on the solar d

DISCUSSION:

Solar activity is expected to be at low levels with a chance for C-class flares. Moderate to low solar wind speed and unsettled geomagnetic activity is expected under CH HSS influence. HF conditions are slightly enhanced.