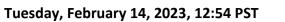
Daily Space Weather Summary (SUPARCO)





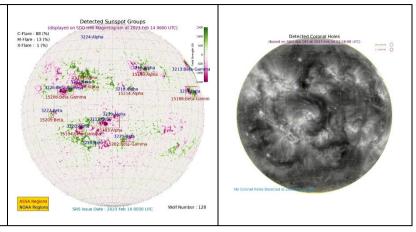
		LOC	AL CURRENT	IONOSPHERIC	CONDITIONS (SON)											
Critical Frequency of F2 layer (foF2) Virtual Height of F2 layer (h`F2) Total Electron Content (TEC)				13.2 MHz 335 km 50 TECU													
									Maxin	num Usable	e Frequency	(MUF) and	Optimum Tra	ffic Frequenc	y (FOT) for v	various dist	ances
									Distance (Km)	100	200	400	600	800	1000	1500	3000
MUF (MHz)	13.3	14.4	15.7	17.5	19.6	21.9	27.2	33.3									
FOT (MHz)	11.3	12.2	13.3	14.9	16.7	18.6	23.1	28.3									
Local HF con	ditions are ei	nhanced as cor	npared to the	predicted mont	hly median MUI	÷.											
			LOCAL GE	OMAGNETIC (CONDITIONS												
K-index				0 (Quiet)													
Total Field (F) (Son/Isb)				45525/50035 nT													
The local geo	omagnetic fie	ld is quiet at th	ne moment.	1													
			LATES	ST SOLAR CON	DITIONS												
Sunspot Number (SN)				185													
Solar radio flux (F10.7)				189 sfu													
Solar wind speed				378 km/s (varied in the past 24 hrs between 338 & 412 km/s)													
Solar x-ray flares				C3.3 (max flare in the past 24 hrs (M1, 0203 UT)													
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)				+3.1 nT (varied in the past 12 hrs between +1.4 nT & +4. nT) +0.6 nT (varied in the past 12 hrs between -2.2 nT & +1. 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: 14 February 2023

There is two active regions AR3213 and AR3226 present on the Sun capable of producing strong M and X-class solar flares having chances of 13% and 1% respectively.



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

DISCUSSION:

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