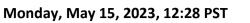
Daily Space Weather Summary (SUPARCO)





				CONDITIONS (S	ON)					
	of F2 layer	$(f_0 E_2)$								
ht of F2		Critical Frequency of F2 layer (foF2)				10.1 MHz				
	Virtual Height of F2 layer (h`F2)				305 km					
Total Electron Content (TEC)			53 TECU							
n Usable	Frequency	(MUF) and	Optimum Tra	ffic Frequenc	y (FOT) for v	various dista	ances			
100	200	400	600	800	1000	1500	3000			
10.2	11.5	12.8	14.7	16.8	18.9	23.9	28.1			
8.7	9.8	10.9	12.5	14.3	16.1	20.3	23.9			
ons are no	ormal as compa	ared to the pr	edicted monthly	median MUF.						
		LOCAL G	EOMAGNETIC (CONDITIONS						
K-index				0 (Quiet)						
Total Field (F) (Son/Isb)			45525/50035 nT							
agnetic fiel	d is quiet at th	ne moment.	-							
		LATE	ST SOLAR CONI	DITIONS						
Sunspot Number (SN)				109						
Solar radio flux (F10.7)				140 sfu						
Solar wind speed				464.9 km/s (varied in the past 24 hrs between 448 & 534 km/s)						
Solar x-ray flares			C1.7 (max flare in the past 24 hrs (C6, 0917 UT)							
Interplanetary Magnetic Field (IMF) Total Field (Bt) Z Component of Field (Bz)			+6.3 nT (varied in the past 12 hrs between +2.8 nT & +6. nT) +2.9 nT (varied in the past 12 hrs between -3.7 nT & +2. nT)							
	10.2 8.7 ons are no F) (Som gnetic fiel mber (S flux (F1 speed flares ary Mag Bt) at of Fie	10.2 11.5 8.7 9.8 ons are normal as compa F) (Son/Isb) gnetic field is quiet at the mber (SN) flux (F10.7) speed flares ary Magnetic Field Bt) at of Field (Bz)	10.2 11.5 12.8 8.7 9.8 10.9 ons are normal as compared to the problem is compared to the problem is quiet at the moment. LOCAL GI F) (Son/Isb) Interfield is quiet at the moment. gnetic field is quiet at the moment. LATE mber (SN) Interfield is quiet at the moment. flares Interfield is quiet at the moment. ary Magnetic Field (IMF) Bt) at of Field (Bz)	10.2 11.5 12.8 14.7 8.7 9.8 10.9 12.5 ons are normal as compared to the predicted monthly LOCAL GEOMAGNETIC O 0 (Quiet) F) (Son/Isb) 45525/5003 gnetic field is quiet at the moment. 0 (Quiet) mber (SN) 109 flux (F10.7) 140 sfu speed 464.9 km/s km/s) flares C1.7 (max and the state) ary Magnetic Field (IMF) +6.3 nT (van T) at of Field (Bz) -100	10.2 11.5 12.8 14.7 16.8 8.7 9.8 10.9 12.5 14.3 cons are normal as compared to the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS 0 (Quiet) F) (Son/Isb) 45525/50035 nT gnetic field is quiet at the moment. LATEST SOLAR CONDITIONS mber (SN) flux (F10.7) flux (F10.7) flares C1.7 (max flare in the part of Field (IMF) speed ary Magnetic Field (IMF) bt of Field (Bz)	10.2 11.5 12.8 14.7 16.8 18.9 8.7 9.8 10.9 12.5 14.3 16.1 compared to the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS 0 (Quiet) F) (Son/Isb) 45525/50035 nT gnetic field is quiet at the moment. LATEST SOLAR CONDITIONS mber (SN) 109 flux (F10.7) 140 sfu speed A64.9 km/s (varied in the past 24 hrs km/s) Flares C1.7 (max flare in the past 24 hrs (C art of Field (IMF) Bt) art of Field (Bz)	10.2 11.5 12.8 14.7 16.8 18.9 23.9 8.7 9.8 10.9 12.5 14.3 16.1 20.3 Description of the predicted monthly median MUF. LOCAL GEOMAGNETIC CONDITIONS O (Quiet) F) (Son/Isb) 45525/50035 nT gnetic field is quiet at the moment. LATEST SOLAR CONDITIONS Magnetic Field (SN) 109 flux (F10.7) 140 sfu speed A64.9 km/s (varied in the past 24 hrs between 4 km/s) Flares C1.7 (max flare in the past 24 hrs (C6, 0917 UT ary Magnetic Field (IMF) Bt) art of Field (Bz)			

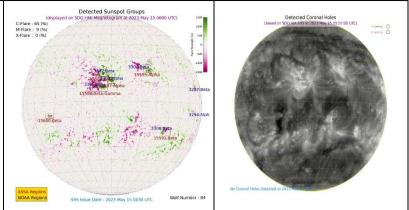
Sonmiani (SON): 25.2º N, 66.75º E, Islamabad (ISB): 33.7º N, 73.13º E

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

Daily Sun: 15 May 2023

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