

HFUS 1 BOU 151300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 135A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 15 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
14/1200Z TO 15/1200Z: SOLAR ACTIVITY REMAINS LOW WITH ONLY  
ISOLATED LOW LEVEL CLASS C X-RAY BURSTS OCCURRING. MINOR FLUX  
EMERGENCE IS HAPPENING IN REGIONS 3727 (N02E15) AND 3733  
(S18E27) BUT ALL REGIONS CURRENTLY ARE SIMPLE IN STRUCTURE.  
REGION 3737 (S13E66) ROTATED ON TO THE DISK ON 14 MAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN UNSETLED. IT IS EXPECTED TO REMAIN UNSETLED; BECOMING  
ACTIVE ON 17 AND 18 MAY AS THE EARTH COMES UNDER THE INFLUENCE  
OF A HIGH SPEED STREAM FROM AN EQUATORIAL CORONAL HOLE.

III. EVENT PROBABILITIES 16 MAY-18 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 129

ESTIMATED 15 MAY 129

PREDICTED 16 MAY-18 MAY 127/129/132

90 DAY MEAN 14 MAY 180

V. GEOMAGNETIC A INDICES

OBSERVED AFR 13 MAY 006 AP 14 MAY 008

ESTIMATED AFR 14 MAY 009 AFR/AP 15 MAY 012/010

PREDICTED AFR/AP 16 MAY-18 MAY 012/010-028/025-025/020

SOLTERWARN

BT

HFXS 3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 135B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/1200Z TO 15/2100Z: SOLAR ACTIVITY HAS BEEN LOW FOR THIS PERIOD. A C1 XRAY FLARE IS THE ONLY FLARE ACTIVITY REPORTED. REGION 3733 (S14E17) IS THE MOST DYNAMIC REGION ON THE DISK WITH A DAI CLASSIFICATION AND A BETA -GAMMA MAGNETIC CONFIGURATION. REGION 3738 (S19E21) IS THE NEWEST SPOTTED REGION ON THE DISK, DISPLAYING A BXO CLASSIFICATION AND A BETA MAGNETIC CONFIGURATION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO BE ACTIVE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 MAY-18 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 129

PREDICTED 16 MAY-18 MAY 129/129/132

90 DAY MEAN 15 MAY 179

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 MAY 009/008

ESTIMATED AFR/AP 15 MAY 016/013

PREDICTED AFR/AP 16 MAY-18 MAY 016/015-028/025-025/020

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HXUS BOU 152200

PREDM 00516 00517 00518

PREDX 00116 00117 00118

PREDP 00116 00117 00118

PCAF 00116

TENCM 12916 12917 13218

AFRED 01616 02817 02518

AFAPF 01516 02517 02018

BT