

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/03/87 00:00:00

End : 05/03/87 23:59:00

05/03 22:00

35  
HFUS3 BDU 032200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 123

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 03 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z  
TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING  
THE PAST 24 HOURS. ALL REGIONS ON THE DISK HAVE REMAINED  
QUIET AND STABLE. THERE HAVE BEEN SEVERAL MINOR B-CLASS  
X-RAY EVENTS THAT CANNOT BE POSITIVELY ASSOCIATED WITH  
ANY CURRENT REGION. THE POSSIBILITY EXISTS THAT THE  
EHFUS3 BDU 032200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 123

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 03 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z  
TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING  
THE PAST 24 HOURS. ALL REGIONS ON THE DISK HAVE REMAINED  
QUIET AND STABLE. THERE HAVE BEEN SEVERAL MINOR B-CLASS  
X-RAY EVENTS THAT CANNOT BE POSITIVELY ASSOCIATED WITH  
ANY CURRENT REGION. THE POSSIBILITY EXISTS THAT THE  
EVENTS WERE ASSOCIATED WITH AN AREA OF WEAK SURGING  
REPORTED BY THE SOON SITES. THIS AREA IS LOCATED AT ABOUT  
40 ON OR BEHIND THE EAST LIMB. IT IS THE APPROXIMATE  
LOCATION OF OLD REGION COMPLEX 4787/4790. SMM REPORTED  
SOME ENHANCEMENT FROM THAT LOCATION. NO NEW REGIONS  
WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW. THERE IS NO HARD EVIDENCE THAT A SIGNIFICANT  
INCREASE IN SOLAR ACTIVITY SHOULD BE EXPECTED DURING THE  
NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID  
LATITUDES AND ACTIVE TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST TWO DAYS OF  
THE FORECAST PERIOD. THE THIRD DAY IS EXPECTED TO BE  
UNSETTLED.

III. EVENT PROBABILITIES 04 MAY-06 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 083

PREDICTED 04 MAY-06 MAY 085/088/090

90 DAY MEAN 03 MAY 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAY 006/010

ESTIMATED AFR/AP 03 MAY 010/012

NNNN

&lt;003&gt;

/03 22:00

2320

HFUS3 BOU 032200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 123

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS. ALL REGIONS ON THE DISK HAVE REMAINED QUIET AND STABLE. THERE HAVE BEEN SEVERAL MINOR B-CLASS X-RAY EVENTS THAT CANNOT BE POSITIVELY ASSOCIATED WITH ANY CURRENT REGION. THE POSSIBILITY EXISTS THAT THE EVENTS WERE ASSOCIATED WITH AN AREA OF WEAK SURGING REPORTED BY THE SOON SITES. THIS AREA IS LOCATED AT ABOUT S30 ON OR BEHIND THE EAST LIMB. IT IS THE APPROXIMATE LOCATION OF OLD REGION COMPLEX 4787/4790. SMM REPORTED SOME ENHANCEMENT FROM THAT LOCATION. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. THERE IS NO HARD EVIDENCE THAT A SIGNIFICANT INCREASE IN SOLAR ACTIVITY SHOULD BE EXPECTED DURING THE NEXT THREE DAYS.

A. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID LATITUDES AND ACTIVE TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST TWO DAYS OF THE FORECAST PERIOD. THE THIRD DAY IS EXPECTED TO BE UNSETTLED.

III. EVENT PROBABILITIES 04 MAY-06 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 083

PREDICTED 04 MAY-06 MAY 085/088/090

90 DAY MEAN 03 MAY 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAY 006/010

ESTIMATED AFR/AP 03 MAY 010/012

PREDICTED AFR/AP 04 MAY-06 MAY 012/015-010/015-010/012

PLAIN

NO CHANGE TO TEXT - RETRANSMITTED FOR FORMAT ERROR

BT

NNNN

&lt;003&gt;