

<003>
05/09 22:00

1508
HFUS3 BOU 092200 COR
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
REF NUMBER 129

NO CORRECTIONS TO TEXT : : : : :
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 09 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100Z
TO 09/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4806 (S31E14)
WAS STILL AN INTERTWINED GROUPING OF TWO SIMPLE BI-POLES, BUT
BECAUSE THEY CANNOT BE EASILY SEPARATED, THE COMPLEX TAKES ON
THE MAGNETIC CONFIGURATION OF A BETA-GAMMA. THE GROUPING IS
STILL DEVELOPING AHEAD (WESTWARD) OF ITSELF AT THE EXPENSE OF
THE SPOTS AND FLUX IN THE TRAILING PORTION. THE NEWLY ASSIGNED
REGION 4807 (S06E04) WAS AN EMERGING ALPHA-TYPE SPOT IN A WELL
DEFINED BI-POLAR FLUX REGION WITH A SLOWLY DARKENING FILAMENT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW. REGION 4806 PROVIDES A VERY SLIGHT CHANCE OF MODERATE
ACTIVITY. THE SLOW DECREASE OF ITS OVERALL MAGNETIC GRADIENT
THROUGH THE PERIOD WILL SLOWLY DECREASE THE FLARE POTENTIAL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE QUIET TO UNSETTLED THE FIRST HALF OF THE PERIOD.
THE LAST HALF OF THE PERIOD IS EXPECTED TO BE UNSETTLED TO
ACTIVE DUE TO A SOLAR SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 10 MAY-12 MAY

CLASS M 04/03/02
CLASS X 01/01/01
DTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 086
PREDICTED 10 MAY-12 MAY 087/086/084
90 DAY MEAN 09 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 MAY 005/009
ESTIMATED AFR/AP 09 MAY 006/010
PREDICTED AFR/AP 10 MAY-12 MAY 007/010-008/010-008/015

PLAIN

CORRECTION FOR FORMAT ERROR - INTERTWINED MESSAGE -

NO CORRECTION TO CONTENT NOR INTERNAL TEXT -

BT

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<003>

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/09/87 00:00:00

End : 05/09/87 23:59:00

05/09 22:00

2234

HFUS3 BOU 092200

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