

HFUS 1 BOU 011300
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 335A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1300Z 01 DEC 1982

*Minor
problem
phil?*

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
30/1200Z TO 01/1200Z: SOLAR ACTIVITY HAS CONTINUED LOW DURING
THE PAST 24 HOURS. ONLY SMALL C-CLASS EVENTS HAVE BEEN OBSERVED
THE LARGEST WAS A C2/SF FROM REGION 4005 (S11E14) ONLY MINOR
RADIO WAS OBSERVED WITH THIS EVENT. REGIONS 4005 AND 4007
(S15W05) HAVE BOTH BECAME STABLE THIS PERIOD ONLY REGION 4007
MAINTAINS ANY MAGNETIC COMPLEXITY, BETA GAMMA. REGION 4010
(N10E65) IS NOW A "E" TYPE GROUP HOWEVER IT IS ONLY A BETA, A
FEW MINOR POINT FLUCTUATION HAVE BEEN NOTED IN THIS REGION. A
FEW MINOR SURGES HAVE BEEN REPORTED AT NE07 THIS MAY INDICATE
AN OTHER MINOR GROUP READY TO ROTATE OVER THE LIMB. THE REST OF
THE DISK LITTLE CHANGED THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
CONTINUE LOW DURING THIS FORECAST PERIOD. REGIONS 4007 AND 4010
MAY PRODUCE AN ISOLATED M-CLASS EVENT HOWEVER THIS IS BECOMING
LESS LIKELY AS THE REGIONS CONTINUE TO STABILIZE.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD WAS
GENERALLY UNSETTLED TO QUIET AT THE MIDLATITUDE STATIONS WHILE
THE HIGH LATITUDE STATIONS, UNTIL APPROXIMATELY 0000UT, WERE AT
ACTIVE TO MAJOR STORM LEVELS. THEY HAVE BEEN UNSETTLED TO QUIET
SINCE THAT TIME. AS NOTHING HAS HAPPENED TO CAUSE A DISTURBANCE
IN THE GEOMAGNETIC FIELD THE FIELD IS EXPECTED TO BE GENERALLY
UNSETTLED WITH QUIET PERIODS DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 02 DEC-04 DEC

CLASS M 20/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 170

ESTIMATED 01 DEC 165

PREDICTED 02 DEC-04 DEC 165/160/158

90 DAY MEAN 30 NOV 165

V. GEOMAGNETIC A INDICES

OBSERVED AFR 29 NOV 026 AP 30 NOV 019

ESTIMATED AFR 30 NOV 015 AFR/AP 01 DEC 005/010

PREDICTED AFR/AP 02 DEC-04 DEC 010/010-010/010-012/015

SOLTERWARN

BT

HFUS 3 BOU 012200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 335B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 01 DEC 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
01/1200Z TO 01/2100Z: SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 9
HOURS. THE ONLY OBSERVED C-CLASS ACTIVITY WAS A SUBNORMAL FLARE
FROM REGION 4005 (S11E09). THE NORTHEAST PORTION OF THE LARGE
LEADER SPOT IN THIS REGION IS SPLITTING OFF. REGION 4007
(S14W10), WHICH MAY BE A COMPLEX OF SMALL BIPOLAR GROUPS, IS
CONTINUING TO GROW SLOWLY IN WHITE LIGHT. NEW REGION 4011
(N17W70) EMERGED ON THE DISK AND IS NOW A C-TYPE GROUP. THE
ONLY OTHER SPOTTED REGION ON THE SUN, 4010 (N09E60), IS QUIET
AND STABLE.

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

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN QUIET FOR THE PAST 9 HOURS. GENERALLY QUIET CONDITIONS ARE
EXPECTED TO PERSIST FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 02 DEC-04 DEC

CLASS M 20/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 DEC 173
PREDICTED 02 DEC-04 DEC 170/170/170
90 DAY MEAN 01 DEC 165

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 NOV 012/019
ESTIMATED AFR/AP 01 DEC 003/015
PREDICTED AFR/AP 02 DEC-04 DEC 010/010-010/010-010/015

SOLTERWARN

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