

HFUS 1 BOU 101300
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 010A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1300Z 10 JAN 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/1200Z TO 10/1200Z: SOLAR ACTIVITY HAS BEEN MODERATE. AN M1 XRAY EVENT OCCURRED AT 09/1413Z. TWO SMALL REGIONS, 3539 (S36W22) AND 3546 (S08E30), WERE BOTH PRODUCING FAINT FLARES AT THIS TIME. A SMALL NEW REGION, 3547 (S34W11), HAS DEVELOPED NEAR REGION 3539 AND IN THE LOCATION WHERE A FILAMENT DISAPPEARED BETWEEN 08 AND 09 JAN. REGION 3537 (N09W84) CONTINUES TO PRODUCE SMALL CLASS C SUBFLARES AND SURGE ACTIVITY AS IT ROTATES BEYOND THE LIMB. REGION 3545 (S16W34) IS GROWING SLOWLY BUT HAS NOT BEEN ACTIVE. ANOTHER SMALL NEW REGION 3548 (S21W05) DEVELOPED ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT THREE DAYS.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED CONDITIONS ARE EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 JAN-13 JAN

CLASS M 20/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JAN 170

ESTIMATED 10 JAN 164

PREDICTED 11 JAN-13 JAN 158/152/146

90 DAY MEAN 09 JAN 211

V. GEOMAGNETIC A INDICES

OBSERVED AFR 08 JAN 007 AP 09 JAN 004

ESTIMATED AFR 09 JAN 004 AFR/AP 10 JAN 004/006

PREDICTED AFR/AP 11 JAN-13 JAN 010/010-010/009-008/008

SOLTERWARN

BT

HXUS BOU 101300

PREDM 02011 01012 01013

PREDX 00111 00112 00113

PREDP 00111 00112 00113

PCAF 00111

TENCM 15811 15212 14613

AFRED 01011 01012 00813

AFAPF 01011 00912 00813

KKK 12233 22222 33322

BT

KBOU

HFUS 3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 010B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 200Z 10 JAN 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
10/100Z TO 10/2100Z: SOLAR ACTIVITY HAS CONTINUED LOW DURING
THIS PERIOD. THE LARGEST EVENT WAS A C8, NO OPTICAL, AT
10/2044UT. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN LOW DURING THIS FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN QUIET TO SLIGHTLY UNSETLED AND LITTLE CHANGE IS EXPECTED
DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 11 JAN-13 JAN

CLASS M 20/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JAN 151

PREDICTED 11 JAN-13 JAN 141/135/125

90 DAY MEAN 10 JAN 210

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 JAN 003/004

ESTIMATED AFR/AP 10 JAN 004/004

PREDICTED AFR/AP 11 JAN-13 JAN 010/010-010/009-008/008

SOLTERWARN

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