

HFUS 3 BOU 011405

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 001A

JOINT USAF/NASA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1200UT 01 JAN 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS FROM 01/1200UT TO 02/1200UT:
SOLAR ACTIVITY HAS BEEN MODERATE, AND HAS DECLINED STILL FURTHER
FROM THE LEVEL DURING LAST PERIOD. CURRENTLY 13 REGIONS ARE
OBSERVED ON THE DISK, ALL RELATIVELY SMALL, LOW SPOT COUNT, MAG-
NETICALLY FAIRLY SIMPLE. ONLY SUBFLARES WITH CLASS C XRAY AND
LOW LEVEL GEOMAGNETIC ACTIVITY HAS BEEN OBSERVED. REGIONS CONTRI-
IBUTING TO ACTIVITY IN RECENT HOURS HAVE BEEN 2865 (N22W34), 2866
(N15W47), 2870 (N13W64).

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY MAY BE EXPECTED TO DECLINE TO LOW LEVELS DURING
THE FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND CAN BE EXPECTED TO
REMAIN UNSETLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES: 02-04 JAN

CLASS M 5.0/5 0/5 0

CLASS X 0/1/0 1/0 1

PROMPT 0/1/0 1/0 1

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 31 DEC 206

ESTIMATED 1 JAN 203

PREDICTED 02-04 JAN 198/190

90 DAY MEAN 31 DEC 218

V. GEOMAGNETIC AINDICES

OBSERVED AFR 30 DEC 13 AP 31 DEC 10

ESTIMATED AFR/AP 01 JAN 11/12

PREDICTED AFR/AP 02-04 JAN 10/06 08/06 06/07

SOLTERWARN

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HFUS 3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 001B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200UT 01 JANUARY 1981

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/1200UT
TO 01/2200UT:

SOLAR ACTIVITY HAS BEEN LOW SINCE 1200UT, WITH ONLY FOUR SMALL SUBFLARES REPORTED. THREE SMALL NEW REGIONS, 2872 (N04W38), 2873 (N08E01) AND 2874 (S14E5), WERE NUMBERED TODAY. NO ACTIVITY HAS BEEN OBSERVED IN ANY OF THESE REGIONS.

I B. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO DECLINE TO LOW LEVELS DURING THE FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO REMAIN UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES: 02 - 04 JANUARY

CLASS M 5 0/5 0/5 0

CLASS X 0 1/0 1/0 1

PROMPTON 0 1/0 1/0 1

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 01 JAN 196

PREDICTED 02-04 JAN 1981 194/190

90 DAY MEAN 01 JAN 218

V. GEOMAGNETIC INDICES

OBSERVED AFR/AP 31 DEC 14/10

ESTIMATED AFR/AP 01 JAN 11/12

PREDICTED AFR/AP 02-04 JAN 10/10 08/08 06/07

SOLIERWARN

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