

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 329

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 NOVEMBER 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. REGION
1416 (N09E53) HAS SHOWN SIGNS OF GROWTH AND PRODUCED A SB/C1
FLARE AT 1728Z. SUBFLARES HAVE ALSO BEEN PRODUCED BY REGIONS
1405 (S28W40) 1412 (N15E27) AND 1417 (N13E70) (NO ASSOCIATED
X-RAY EVENTS OBSERVED). NEW REGIONS 1418 (S14E35) AND 1419
(N21E42) ARE C AND B TYPE GROUPS RESPECTIVELY. REGION 1418
APPEARS TO BE RETURNING REGION 1371. REMAINING REGIONS HAVE BEEN
STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN AT MINOR STORM LEVELS DURING
THE LAST 24 HOURS. ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT
24 HOURS AS THE STORM SUBSIDES. UNSETTLED CONDITIONS ARE EXPECTED
FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26-28 NOVEMBER

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 NOVEMBER 131

PREDICTED 26-28 NOVEMBER 134/137/142

90-DAY MEAN 25 NOVEMBER 155

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 NOVEMBER 14

ESTIMATED AFR/AP 25 NOVEMBER 35/45

PREDICTED AFR/AP 26-28 NOVEMBER 20/42 - 15/31 - 10/20

SOLTERWARN

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SDF NUMBER 329

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 NOV 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. THE MOST APPARENT CHANGE WAS THE
ROTATION OF AN H TYPE SPOT GROUP ONTO THE VISIBLE DISK, NUMBER 2147
(S11E76). REGION 2138 (S24W28) REMAINS THE MOST COMPLEX REGION
WITH ITS DELTA CONFIGURATION AND EAST-WEST NEUTRAL LINE. THE SPOT
GROUP IS DECAYING IN AREA AND THE CLASSIFICATION IS NOW A "C"
TYPE. LITTLE ELSE ON THE DISK HAS CHANGED AND ONLY AN OCCASIONAL
SMALL SUBFLARE IS BEING REPORTED.

B. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL WITH THE POSSI-
BILITY OF AN ISOLATED "M" CLASS FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED. NO
SIGNIFICANT CHANGE EXPECTED.

III. EVENT PROBABILITIES 26 - 28 NOV

CLASS M 35/35/35

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 NOV 174

PREDICTED 26-28 NOV 170/170/170

90-DAY MEAN 25 NOV 220

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 NOV 20

ESTIMATED AFR/AP 25 NOV 09/14

PREDICTED AFR/AP 26-28 NOV 07/10 06/08 08/10

SOLTERWARN

BT