

HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 328

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 NOVEMBER 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. REGION
1412 (N15E40) HAS PRODUCED SEVERAL SMALL SUBFLARES AND ASSOCIATED
C-CLASS X-RAY EVENTS. REGION 1414 (S12W39) HAS ALSO PRODUCED
SEVERAL SUBFLARES ALTHOUGH NO ASSOCIATED X-RAY EVENTS WERE
OBSERVED. NEW REGIONS 1415 (N26E59) AND 1417 (N13E83) ARE SMALL A
TYPE GROUPS. NEW REGION 1416 (N09E66) IS A B TYPE GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVELS DURING THE
NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THIS CONDITION IS
EXPECTED TO PERSIST FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 25-27 NOVEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 NOVEMBER 127

PREDICTED 25-27 NOVEMBER 128/130/132

90-DAY MEAN 24 NOVEMBER 155

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 NOVEMBER 10

ESTIMATED AFR/AP 24 NOVEMBER 11/14

PREDICTED AFR/AP 25-27 NOVEMBER 14/19 - 12/16 - 10/11

SOLTERWARN

BT

No Neutral line drawing owing to overcast skies.

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SDF NUMBER 328

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 NOVEMBER 1979

IA. SOLAR ACTIVITY HAS BEEN LOW WITH BUT A FEW CLASS C EVENTS
TODAY. THE LARGEST EVENT WAS C9 AT 0303Z WITH NO OPTICAL OBSER-
VATION FOR IDENTIFYING ITS SOURCE. REGION 2138 (S23W16) HAS DE-
CAYED SLIGHTLY BUT RETAINS A STRONG DELTA CONFIGURATION IN ITS
LEADER SPOT. A NEW REGION (2146) AT N13E41 HAS GROWN TO CLASS C
SPOT TYPE AND HAS BEGUN TO FLARE.

IB. SOLAR INDICES WILL INCREASE IN THE NEXT THREE DAYS AS A SERIES
OF REGIONS RETURN TO EAST LIMB. FLARE ACTIVITY WILL REMAIN GENER-
ALLY LOW WITH CLASS C EVENTS AND POSSIBLY A SINGLE CLASS M IN THE
NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY ACTIVE TODAY. UNSETTLED
CONDITIONS TONIGHT WILL BE FOLLOWED BY QUIET CONDITIONS THE REMAIN-
DER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25-27 NOVEMBER

CLASS M 35/35/45

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 NOV 184

PREDICTED 25-27 NOV 186/190/196

90-DAY MEAN 24 NOV 220

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 NOV 02

ESTIMATED AFR/AP 24 NOV 20/21

PREDICTED AFR/AP 25-27 NOV 10/12 07/10 06/08

SOLTERWARN

BT