

FUS 3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 252

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 SEP 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY CONTINUES LOW. THE GENERAL APPEARANCE OF THE DISK WOULD SUGGEST THAT IT IS RECEDING FURTHER INTO THE DOULDREMS. REGIONS 4306 (S02W10), 4308 (N19E10) AND 4309 (S13W10) HAVE LOST THEIR SPOTS WHILE THE REMAINING VISIBLE FEATURES ARE EITHER DECLINING OR STABLE. ANOTHER A TYPE SPOT GROUP WAS NUMBERED TODAY: 4312 (S06W15).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: WITH NO APPARENT SOURCE OF IMPETUS FROM THE SOLAR DISK, THE GEOMAGNETIC FIELD SHOULD REMAIN GENERALLY QUIET TO UNSETLED

III. EVENT PROBABILITIES 10 SEP-12 SEP

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 SEP 114

PREDICTED 10 SEP-12 SEP 114/113/112

90 DAY MEAN 09 SEP 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 SEP 012/019

ESTIMATED AFR/AP 09 SEP 011/018

PREDICTED AFR/AP 10 SEP-12 SEP 010/015-010/015-005/010

SOLTERWARN

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