

HFUS 3 BOU 070500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 280A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 07 OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST SEVEN HOURS. REGION 899 (N30270) HAS DECREASED IN STRUCTURE BUT THE AREA AROUND THE LEADER STILL APPEARS UNSTABLE. REGION 908 (N06E66) APPEARS MAGNETICALLY COMPLEX BUT IS STILL TOO CLOSE TO THE LIMB FOR A DEFINITIVE ANALYSIS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE WITH BOTH 899 AND 908 CAPABLE OF PRODUCING ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED THE PAST 18 HOURS. THE FIELD IS EXPECTED TO BE QUIET TO UNSETLED THE BALANCE OF THIS ZULU DAY.

III. EVENT PROBABILITIES 07-09 OCT

CLASS M 85/85/85

CLASS X 25/25/25

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED

PREDICTED

90-DAY MEAN

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

ESTIMATED AFR/AP

PREDICTED AFR/AP

SOLTERWARN

BT

06 OCT 104

07-09 OCT 106/107/109

06 OCT 89

05 OCT 09

06 OCT 07/08

07-09 OCT 10/12 - 12/15 - 14/15

HFUS 3 BOU 071500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 07 OCT 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST NINE HOURS. POINT BRIGHTENINGS AND PLAGE FLUCTUATION ALONG THE N-LINE IN REGION 908 (N06E60) HAVE BEEN THE MOST SIGNIFICANT ACTIVITY REPORTED. A NEW REGION (009 AT S36E06) HAS DEVELOPED AND LOOKS TO BE A "B" TYPE SPOT GROUP.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW THRU THE PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET TO UNSETLED THRU THE NIGHT AND GENERALLY UNSETLED CONDITIONS ARE FORECAST FOR THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 07 - 09 OCT

CLASS M 85/85/85

CLASS X 25/25/25

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 OCT 104

PREDICTED 07 - 09 OCT 109/112/114

90-DAY MEAN 06 OCT 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 OCT 09

ESTIMATED AFR/AP 06 OCT 07/08

PREDICTED AFR/AP 07 - 09 OCT 07/08 - 12/15 - 14/15

SOLTERWARN

BT

HFUS 1 BOU 072200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 280
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z OCTOBER 1977

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY INFREQUENT SUBFLARE AND MINOR X-RAY EVENTS HAVE BEEN NOTED. REGION 908 (N05E56) IS AN "E" TYPE BETA GAMMA AND POSSESSES AN ACTIVE N-LINE WHICH IS MODERATELY COMPLEX. A NEW REGION AT N15E59 (NR910) IS THE RETURN OF OLD 890 BUT IS A SIMPLE "A" TYPE SPOT.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE FOR THE NEXT 24 HOURS. REGION 908 HAS STRONG POTENTIAL FOR ENERGETIC ACTIVITY BUT FOR THE MOMENT SEEMS STABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED THE PAST 24 HOURS AND NO SIGNIFICANT CHANGE IS EXPECTED THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 OCT-10 OCT

CLASS M	60/60/60
CLASS X	15/15/15
PROTON	05/05/10
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	07 OCT 106
PREDICTED	08-10 OCT 107/109/108
90-DAY MEAN	07 OCT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	06 OCT 10
ESTIMATED AFR/AP	07 OCT 05/05
PREDICTED AFR/AP	08-10 OCT 07/08 - 08/10 - 12/14
SWINTERMAPN	