

HFUS 3 BOU 120430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 255A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 12 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 889 (N11E46) AND REGION 890 (N20E36) APPEAR STABLE, WITH OCCASIONAL POINT BRIGHTENINGS IN EACH REGION. THE REST OF THE DISK/LIMB IS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. REGION 889 HAS POTENTIAL FOR "M" AND "X" CLASS ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY ACTIVE CONDITIONS ARE EXPECTED TODAY.

III. EVENT PROBABILITIES 12 SEPTEMBER - 14 SEPTEMBER

CLASS M 85/85/85

CLASS X 35/35/35

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEPTEMBER 103

PREDICTED 12-14 SEPTEMBER 105/106/106

90-DAY MEAN 11 SEPTEMBER 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 SEPTEMBER 14

ESTIMATED AFR/AP 11 SEPTEMBER 19/23

PREDICTED AFR/AP 12-14 SEPTEMBER 18/24 - 15/20 - 12/20

SOLTERWARN

HFUS 3 BOU 121500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 255-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 12 SEPT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. BOTH REGIONS 889 (N09E39)
AND 890 (N17E30) HAVE BEEN QUIET THRU THE NIGHT WITH ONLY OCCASIONAL
POINT BRIGHTENING REPORTED. THE DISK AND LIMBS ARE REPORTED STABLE.

IB. SOLAR ACTIVITY IS FORECAST TO BE LOW TO MODERATE. REGIONS
889 AND 890 STILL SHOW STEADY GROWTH AND STRONG POTENTIAL FOR
ENERGETIC ACTIVITY EXISTS.

II. THE GEOMAGNETIC FIELD WAS ACTIVE FROM 03-06Z BUT OTHERWISE
WAS QUIET THRU THE NIGHT. THE FIELD IS FORECAST TO BE GENERALLY
UNSETTLED THRU THE PERIOD.

III. EVENT PROBABILITIES 12 - 14 SEPT

CLASS M 85/85/85
CLASS X 35/35/35
PROTON 20/20/20
PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX
OBSERVED 11 SEPT 103
PREDICTED 12-14 SEPT 107/109/111
90-DAY MEAN 11 SEPT 88

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 10 SEPT 14
ESTIMATED AFR/AP 11 SEPT 19/23
PREDICTED AFR/AP 12-14 SEPT 08/08 - 10/10 - 10/10
SOLTERWARN

HFUS 1 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 255

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK AND LIMBS HAVE BEEN QUIET WITH NO SIGNIFICANT ACTIVITY OBSERVED OR REPORTED. REGIONS 889 (N10E36) AND 890 (N18E26) HAVE PRODUCED POINT BRIGHTENINGS TO NEAR FLARE INTENSITY BUT THEY HAVE NOT BEEN OBSERVED ON X-RAY SENSORS.

IB. SOLAR ACTIVITY IS FORECAST TO BE LOW TO MODERATE. ALTHOUGH REGION 889 HAS BEEN QUIET IT COULD EASILY PRODUCE ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET. INCREASINGLY DISTURBED CONDITIONS THRU THE PERIOD ARE FORECAST.

III. EVENT PROBABILITIES 13 SEPTEMBER - 15 SEPTEMBER

CLASS M 85/85/85

CLASS X 35/35/35

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 SEPTEMBER 106

PREDICTED 13-15 SEPTEMBER 108/110/112

90-DAY MEAN 12 SEPTEMBER 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 SEPTEMBER 17

ESTIMATED AFR/AP 12 SEPTEMBER 07/05

PREDICTED AFR/AP 13-15 SEPTEMBER 08/08 - 12/15 - 20/25

SOLTERWARN

BT