

HFUS 3 BOU 150430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 258A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 15 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS. SLOW GROWTH HAS TAKEN PLACE IN REGION 890 (N16W05). A C-1 X-RAY EVENT MAXED AT 0337Z. OTHERWISE NO SIGNIFICANT ACTIVITY HAS BEEN NOTED.

IB. SOLAR ACTIVITY IS FORECAST TO BE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. THE FIELD IS FORECAST TO BE GENERALLY ACTIVE THRU THE PERIOD.

III. EVENT PROBABILITIES 15 SEPTEMBER - 17 SEPTEMBER

CLASS M 50/50/50

CLASS X 25/25/25

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 SEPTEMBER 117

PREDICTED 15-17 SEPTEMBER 116/114/112

90-DAY MEAN 14 SEPTEMBER 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 SEPTEMBER 21

ESTIMATED AFR/AP 14 SEPTEMBER 09/09

PREDICTED AFR/AP 15-17 SEPTEMBER 15/15 - 25/25 - 15/20

SOLTERWARN

BT

HFUS 3 BOU 151500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 258-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 15 SEP 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THIS ZULU DAY. MINOR X-RAY ENHANCEMENTS CONTINUE ON SATELLITE SENSORS WITH THE LARGEST EVENT A C-1 WHICH MAXED AT 15/0337Z. REGION 889 (N08W02) APPEARS TO BE SIMPLIFYING IN THE LEADING PORTION OF THE STRUCTURE WITH PERIODIC FLUCTUATIONS IN THE EASTERN PORTION. REGION 890 (N16W09) IS STABLE EXCEPT FOR PERIODIC BRIGHTENINGS SW OF THE LEADER SPOT.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH DAILY CLASS C X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE THE PAST 15 HOURS. GENERALLY ACTIVE CONDITIONS ARE EXPECTED THROUGH 17 SEPT.

III. EVENT PROBABILITIES 15 SEPTEMBER - 17 SEPTEMBER

CLASS M 50/50/50

CLASS X 25/25/25

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 SEPTEMBER 117

PREDICTED 15-17 SEPTEMBER 116/114/112

90-DAY MEAN 14 SEPTEMBER 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 SEPTEMBER 21

ESTIMATED AFR/AP 14 SEPTEMBER 09/09

PREDICTED AFR/AP 15-17 SEPTEMBER 15/20 - 25/25 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 258

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 15 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH A C-1 X-RAY EVENT (15/03372 MAX) THE ONLY ACTIVITY. REGION 889 (N08W07) REMAINS ESSENTIALLY UNCHANGED. A DELTA CONFIGURATION REMAINS IN THE CENTRAL PORTION WITH WEAK PENUMBRA AND GRADIENT. SATELLITE SPOTS ARE EVIDENT WITH THE MAIN LEADER OF REGION 889 AND ALSO WITH THE LEADER OF REGION 890 (N16W15). REGION 891 (N24E77) HAS CROSSED EAST LIMB WITH A SMALL H-TYPE SPOT AND WEAK PLAGE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY LOW. A FEW CLASS C EVENTS AND 1-3 ENERGETIC EVENTS ARE EXPECTED FOR THE NEXT 3 DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BE UNSETLED TO ACTIVE, WITH ACTIVE CONDITIONS DOMINANT ON 17 SEPTEMBER.

III. EVENT PROBABILITIES 16-18 SEPT

CLASS M 50/50/50

CLASS X 20/20/20

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX:

OBSERVED 15 SEP 119

PREDICTED 16-18 SEP 119/118/116

90-DAY MEAN 15 SEP 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 SEP 08

ESTIMATED AFR/AP 15 SEP 12/11

PREDICTED AFR/AP 16-18 SEP 15/20 - 20/20 - 15/15

SOLTERWARN

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