

HFUS 1 BOU 120500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.

SDF NUMBER 255A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 12 SEPT 1974

IA. SOLAR ACTIVITY REMAINS GENERALLY LOW ALTHOUGH REGION 487 (N09E42) REMAINS EXTREMELY COMPLEX AND THREATENING. CONTINUUM RADIO EMISSION, PRESUMABLY FROM THIS REGION, PERSISTS. THE PROTON ENHANCEMENT OBSERVED AT SATELLITE ALTITUDES IS DECAYING.

IB. MAJOR FLARE ACTIVITY IS EXPECTED FROM REGION 487 DURING ITS DISK TRANSIT.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE QUIET. QUIET TO UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS BOU 121400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 255B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 12 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW TO MODERATE, BUT REGION 487 (N09 E40) RETAINS ITS POTENTIAL FOR ENERGETIC EVENTS.
DEKAMETRIC CONTINUUM CONTINUES. HIGH ENERGY PROTON ENHANCEMENT AT SATELLITE ALTITUDES CONTINUES. A CLASS C2 X-RAY EVENT WAS OBSERVED AT 1240Z WITH A MINOR CENTIMETRIC RADIO BURST, BUT NO OPTICAL EVENTS HAVE YET BEEN REPORTED FOR THAT TIME.

IB. MAJOR FLARE ACTIVITY IS EXPECTED FROM REGION 487 DURING ITS DISK TRANSIT.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO BECOME UNSETLED TO MINOR STORM OVER THE NEXT 48-72 HOURS.

III. EVENT PROBABILITIES 12 - 14 SEPT

CLASS M 65/70/70
CLASS X 30/35/35
PROTON 15/20/20
PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX
OBSERVED 11 SEPT 103
PREDICTED 12 - 14 SEPT 105/107/108
90-DAY MEAN 11 SEPT 87

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 10 SEPT 06
ESTIMATED AFR/AP 11 SEPT 05/07
PREDICTED AFR/AP 12 - 14 SEPT 11/15 - 20/24 - 30/42
SOLTERWARN
BT

HFUS BOU 122200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 255
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN LOW WITH NOTHING GREATER THAN CLASS C EVENTS IN THE PAST 24 HOURS. THE RATE OF FLARE OCCURENCE HAS INCREASED; HOWEVER, WITH MOST OF THE FLARES COMING FROM REGION 487 (N09E31). THIS REGION RETAINS ITS BETA-GAMMA-DELTA CONFIGURATION WITH REVERSED POLARITY AND THEREFORE HAS THE POTENTIAL FOR SIGNIFICANT, ENERGETIC ACTIVITY. REGION 488 (S10E30) NO LONGER CONTAINS A DELTA CONFIGURATION.

IB. SOLAR ACTIVITY IS EXPECTED TO BECOME MODERATE TO HIGH WITH A CHANCE FOR AN X EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BUT IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVEL THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 13 - 15 SEPT

CLASS M 75/75/75

CLASS X 40/40/40

PROTON 25/25/25

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 SEPT 104

PREDICTED 13-15 SEPT 107/108/108

90-DAY MEAN 12 SEPT 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 SEPT 04

ESTIMATED AFR/AP 12 SEPT 5/7

PREDICTED AFR/AP 13-15 SEPT 17/24 - 30/42 - 30/42

SOLTERWARN

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