

HFUS BOU 050500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 248A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 05 SEPT 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. OCCASIONAL FLUCTUATIONS AMONG
SOME OF THE SIX SMALL REGIONS ON THE DISK HAVE BEEN REPORTED BUT
NO SIGNIFICANT CHANGES HAVE OCCURRED.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE. ACTIVE CONDITIONS
DURING LOCAL NIGHTTIME ARE EXPECTED FOR THE NEXT TWO DAYS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 051400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 248B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 05 SEPT 1974
IA. SOLAR ACTIVITY REMAINED AT A LOW LEVEL DURING THE PAST 8
HOURS. VISIBLE DISK FEATURES HAVE SHOWN LITTLE CHANGE ALTHOUGH
REGION 482 (NEAR N07E20) IS BRIGHTER AND GROWING SLOWLY.
FLUCTUATIONS IN THE X-RAY BACKGROUND WOULD ALSO INDICATE SOME
DYNAMIC BEHAVIOR IS OCCURRING.
IB. A SLIGHT RISE IN THE FREQUENCY OF FLARE OCCURRENCE IS EXPECTED
DURING THE NEXT 24 HOURS WITH A SLIM CHANCE FOR A MINOR X-RAY
EVENT.
II. THE GEOMAGNETIC FIELD EXPERIENCED A SHORT PERIOD OF MINOR
STORM CONDITIONS BETWEEN 03Z AND 06Z. SINCE THAT TIME THE FIELD
HAS REVERTED TO UNSETTLED CONDITIONS AND SHOULD REMAIN UNSETTLED
TO ACTIVE FOR THE NEXT 36 TO 48 HOURS.
III. EVENT PROBABILITIES 05 - 07 SEPT
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 04 SEPT 80
PREDICTED 05 - 07 SEPT 82/84/86
90-DAY MEAN 04 SEPT 87
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 03 SEPT 12
ESTIMATED AFR/AP 04 SEPT 15/16
PREDICTED AFR/AP 05 - 07 SEPT 15/20 - 15/20 - 12/13
SOLTERWARN
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HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLOR

SDF NUMBER 248

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 SEP 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. NO MAJOR CHANGES IN THE VISIBLE DISK FEATURES HAVE BEEN REPORTED. A SMALL SUBFAINT FLARE IN REGION 482 (N06E19) AT 05/1316Z IS THE ONLY FLARE REPORTED THIS WEEK. FLUCTUATIONS IN THE X-RAY BACKGROUND WERE NOTED EARLIER TODAY AND A TYPE III SWEEP FREQUENCY BURST WAS RECORDED NEAR 05/1835Z. THE TYPE III IS BELIEVED TO BE ASSOCIATED WITH OCCASIONAL FLUCTUATIONS IN REGION 484 (S13E23).

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL BUT A SLIGHT INCREASE IN NON ENERGETIC FLARES MAY BE NOTED.

III. ACTIVE TO MINOR STORM CONDITIONS CONTINUE TO PLAGUE NIGHTTIME SECTORS WHILE UNSETTLED CONDITIONS ARE THE GENERAL RULE IN DAY LIGHT SECTORS. NO CHANGE IS EXPECTED FOR THE NEXT 24 HOURS. AFTER THAT TIME, UNSETTLED CONDITIONS SHOULD PREVAIL IN BOTH SECTORS.

III. EVENT PROBABILITIES 06-08 SEP

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 SEP 80

PREDICTED 06-08 SEP 82/84/86

90-DAY MEAN 05 SEP 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 SEP 17

ESTIMATED AFR/AP 05 SEP 16/18

PREDICTED AFR/AP 06-08 SEP 16/18 - 12/13 - 08/09

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