

HFUS 1 BOU 061400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 249B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 06 SEPT 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST  
EIGHT HOURS AND NO SIGNIFICANT CHANGES HAVE BEEN NOTED IN THE  
VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR  
THE DURATION OF THIS FORECAST PERIOD; HOWEVER, INCREASED NON-  
ENERGETIC ACTIVITY CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE  
EARLY PART OF THIS ZULU DAY BUT HAS SINCE BECOME QUIET. QUIET  
TO UNSETTLED CONDITIONS SHOULD PREVAIL FOR THE NEXT 48 HOURS.  
(SEE PART V)

III. EVENT PROBABILITIES 06 - 08 SEPT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 SEPT 80

PREDICTED 06 - 08 SEPT 82/84/86

90-DAY MEAN 05 SEPT 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 SEPT 17

ESTIMATED AFR/AP 05 SEPT 16/18

PREDICTED AFR/AP 06 - 08 SEPT 10/11 - 08/09 - 08/09

SOLTERWARN

BT

HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 249

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 06 SEP 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. LITTLE OR NO CHANGE IN THE DISK REGIONS HAS BEEN REPORTED ALTHOUGH A NEW REGION DEVELOPED NEAR S19E02. THIS REGION HAS A "B" TYPE SPOT GROUP AND IS DESIGNATED NUMBER 485. A LONG LIVED CLASS "C" X-RAY EVENT BEGAN AT 061445Z THAT IS NOT OPTICALLY CORRELATED. IT IS BELIEVED THAT A "BEHIND THE LIMB" FLARE IS RESPONSIBLE FOR THIS EVENT. NO SIGNIFICANT REGIONS HAVE DEPARTED THE WEST LIMB RECENTLY SO IT IS FELT THAT OLD REGION 472 WHICH IS ABOUT 2 DAYS BEHIND THE EAST LIMB MAY HAVE PRECIPITATED THESE X-RAYS.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW UNTIL 472 MAKES ITS APPEARANCE.

II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED. PROTON SENSORS FROM THE GOES SATELLITE BEGAN A SLOW RISE NEAR 062025Z WHICH MAY BE REFLECTED IN THE GEOMAGNETIC FIELD. HOWEVER, ONLY OCCASIONALLY ACTIVE CONDITIONS IN NIGHTTIME SECTORS ARE EXPECTED AT PRESENT TIME.

III. EVENT PROBABILITIES 07 - 09 SEP

CLASS M 10/15/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 SEP 81

PREDICTED 07-09 SEP 082/084/085

90-DAY MEAN 06 SEP 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 SEP 14

ESTIMATED AFR/AP 06 SEP 13/14

PREDICTED AFR/AP 07-09 SEP 08/09 - 08/09 - 10/11

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