

HFUS 1 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 152A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 01 JUNE 1974

IA. VERY LITTLE SOLAR ACTIVITY HAS BEEN OBSERVED DURING THE PAST 8  
HOURS. THE DISK REGIONS APPEAR TO BE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE DURING THE NEXT 24  
HOURS WITH CLASS C AND SMALL CLASS M FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED DURING THE  
PAST 8 HOURS. THE DISTURBANCE IS EXPECTED TO CONTINUE AT SUB-STORM  
LEVEL DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 011400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 152B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 01 JUNE 1974

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8 HOURS.  
RGN 416(S14E59) PRODUCED SEVERAL SUBFLARES DURING THE PAST 12 HOURS,  
TWO OF WHICH REACHED C-CLASS X-RAY MAGNITUDE. RGN 416 REMAINS  
COMPLEX WITH POSSIBLY INCREASING COMPLEXITY TAKING PLACE IN THE  
CENTRAL AND TRAILING PORTIONS. LITTLE ELSE ON THE DISK HAS CHANGED.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY DURING THE  
NEXT 24 HOURS, POSSIBLY REACHING MODERATE LEVELS.

II. THE GEOMAGNETIC FIELD EXPERIENCED MINOR STORM CONDITIONS IN  
NIGHTTIME SECTORS DURING THE PAST 12 HOURS. A GENERAL DECREASE  
IN THE MAGNITUDE OF THE DISTURBANCE IS EXPECTED LATE TODAY  
OR EARLY ON 02 JUNE.

III. EVENT PROBABILITIES 01 - 03 JUN

CLASS M 60/70/70

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAY 93

PREDICTED 01 - 03 JUN 96/97/98

90-DAY MEAN 31 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAY 19

ESTIMATED AFR/AP 31 MAY 20/24

PREDICTED AFR/AP 01 - 03 JUN 21/26 - 13/14 - 10/11

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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 152

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 01 JUNE 1974

IA. SOLAR ACTIVITY CONTINUED AT A VERY LOW LEVEL DURING THE PAST  
24 HOURS. REGION 416 (S13E55) REMAINS SUFFICIENTLY COMPLEX AS  
TO POSE A THREAT FOR CLASS M X-RAY EVENTS. REGION 416 HAS GROWN  
SLIGHTLY IN WHITE LIGHT WHILE SHOWING LITTLE CHANGE IN H-ALPHA.  
SEVERAL SUBFLARES FROM THIS REGION PRODUCED X-RAY EVENTS OF WHICH  
A CLASS C-6 AT 011154 U.T. WAS THE LARGEST. FILAMENT AND SURGE  
ACTIVITY HAS ALSO BEEN QUITE PREVALENT IN 416. THE REST OF THE  
DISK IS BASICALLY UNCHANGED.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY DURING  
THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS PRESENTLY UNSETTLED AFTER REACHING  
MINOR STORM CONDITIONS BETWEEN 00-12 U.T. 01 JUNE. UNSETTLED TO  
ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 02 - 04 JUNE

CLASS M 70/75/75

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JUNE 95

PREDICTED 02 - 04 JUNE 97/99/100

90-DAY MEAN 01 JUNE 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MAY 22

ESTIMATED AFR/AP 01 JUNE 22/28

PREDICTED AFR/AP 02 - 04 JUNE 13/14 - 10/11 - 10/11

SOLTERWARN

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