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HFUS BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 140A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 20 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO FLARES HAVE BEEN OBSERVED. THERE ARE NO SPOTS ON THE VISIBLE DISK.

IB. THE SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE MINOR GEOMAGNETIC STORM IS STILL IN PROGRESS BUT IS DECREASING IN INTENSITY. THE DISTURBED CONDITIONS WILL CONTINUE FOR THE NEXT 36 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 201400  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 140B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 20 MAY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS STILL SPOTLESS,  
AND THE ONLY ACTIVITY HAS BEEN SMALL SURGES NEAR NW05, ASSOCIATED  
WITH REGION 404.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO MILDLY ACTIVE THUS  
FAR TODAY. UNSETLED LEVELS WILL PREVAIL THROUGHOUT THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 20 MAY - 22 MAY

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	19 MAY 71
PREDICTED	20 MAY - 22 MAY 71/72/73
90-DAY MEAN	19 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	18 MAY 24
ESTIMATED AFR/AP	19 MAY 15/26
PREDICTED AFR/AP	20 MAY - 22 MAY 15/24 - 14/22 - 12/20
SOLTERWARN	
SPAN	
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HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 140

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 MAY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN REPORTED  
IN THE PAST 24 HOURS, AND THE DISK IS STILL SPOTLESS. MINOR SURGES  
WERE REPORTED AT WEST LIMB (N05) WITH THE DEPARTURE OF REGION 404.  
H-ALPHA PLAGE REGION 410 (N07 E67) IS DULL AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW FOR THE NEXT 3  
DAYS. OLD REGION 397 IS DUE AT EAST LIMB (N04) LATE 21 MAY, BUT IT  
IS NOT EXPECTED TO BE ACTIVE AS IT WAS INNOCUOUS AT WEST LIMB  
PASSAGE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE DURING  
THE PAST 24 HOURS. A SLIGHT DECREASE IN THE LEVEL OF ACTIVITY IS  
EXPECTED, WITH UNSETTLED TO ACTIVE LEVELS PERSISTING FOR THE NEXT  
72 HOURS.

III. EVENT PROBABILITIES 21-23 MAY

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAY 71

PREDICTED 21-23 MAY 71/72/73

90-DAY MEAN 20 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAY 16

ESTIMATED AFR/AP 20 MAY 17/21

PREDICTED AFR/AP 21-23 MAY 14/18 - 13/17 - 13/17

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