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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 14 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST SIX HOURS. NO FLARES HAVE BEEN REPORTED AND NO MAJOR CHANGES IN THE VISIBLE REGIONS HAVE BEEN NOTED.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL FOR THE NEXT 48 HOURS.

II. A SUDDEN STORM COMMENCEMENT OCCURRED AT 140305Z. MINOR STORM CONDITIONS ARE EXPECTED TO PERSIST FOR THE NEXT 36 HOURS. (SEE PART V).

III. NO CHANGE

IV. NO CHANGE

V.

GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

12 JULY 20

ESTIMATED AFR/AP

13 JULY 12/16

PREDICTED AFR/AP

14 JULY - 16 JULY 32/45 - 25/33 - 17/20

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HFUS 1 BOU 141400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 14 JULY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST EIGHT  
HOURS, AND NO FLARES HAVE BEEN REPORTED. REGIONS 438(S08W01)  
AND 442 (S08E35) REMAIN QUIET AND UNIMPRESSIVE. A NEW REGION,  
NUMBER 443, CONTAINING AN H-TYPE SPOT AND A SMALL PLAGE HAS CROSSED  
THE EAST LIMB AND NOW IS LOCATED AT S12E81.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO ENERGETIC  
SOLAR ACTIVITY IS LIKELY.

II. THE GEOMAGNETIC DISTURBANCE THAT BEGAN ABOUT 14/0305Z HAS  
SUBSIDED, AND UNSETTLED CONDITIONS NOW EXIST AT MID-LATITUDES.  
ACTIVE CONDITIONS ARE LIKELY THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14-16 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JULY 82

PREDICTED 14-16 JULY 81/81/80

90-DAY MEAN 13 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JULY 20

OBSERVED FREDERICKSBURG/EST AP 13 JULY 13/16

PREDICTED AFR/AP 14-16 JULY 23/30 - 17/20 - 17/20

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 195

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 JULY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. REGIONS 438 (S08W04) AND 441 (S08E03) HAVE SHOWN LITTLE SIGNIFICANT CHANGE. REGION 442 (S11E29) REMAINS SIMPLE AND UNIMPRESSIVE. NEW REGION 443 (S15E76) CONTAINS AN H-TYPE SPOT FOLLOWED BY MODERATELY ENHANCED PLAGE. A FEW SMALL SPOTS, REGION 444 (S13E08), HAVE APPEARED SOUTHEAST OF REGION 438.

SMALL NEW REGION 445 (S04E32) PRESENTLY IS STABLE AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, AND NO ENERGETIC ACTIVITY IS ANTICIPATED. ONLY INFREQUENT SUBFLARES ARE EXPECTED.

II. THE GEOMAGNETIC FIELD BECAME DISTURBED TO MINOR STORM LEVELS AT ABOUT 14/0305Z. AFTER ABOUT 0600Z, THE LEVEL OF DISTURBANCE SUBSIDED GRADUALLY. QUIET TO UNSETLED CONDITIONS HAVE BEEN OBSERVED AT MID-LATITUDES DURING THE PAST 12 HOURS. UNSETLED TO ACTIVE CONDITIONS ARE LIKELY DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 15 - 17 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JULY 81

PREDICTED 15-17 JULY 81/80/80

90-DAY MEAN 14 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JULY 13

ESTIMATED AFR/AP 14 JULY 22/31

PREDICTED AFR/AP 15-17 JULY 17/20 - 17/20 - 18/21

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