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HFUS 1 BOU 160500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0500Z 16 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. ONLY ONE VERY SMALL C-CLASS SUBFLARE HAS BEEN OBSERVED IN THE PAST 24 HOURS. THIS FLARE WAS OBSERVED IN REGION 468 (N09W20) WHICH IS GROWING SLOWLY. ALL OTHER REGIONS ARE QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. THERE IS LITTLE CHANCE OF ENERGETIC ACTIVITY DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 7 HOURS. THE FIELD IS EXPECTED TO REMAIN QUIET UNTIL LATE ON THE 17TH OF AUGUST WHEN RECURRENT INTERPLANETARY STRUCTURE IS EXPECTED TO RETURN.

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 161400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400Z 16 AUGUST 1974

IA. SOLAR ACTIVITY REMAINED AT A LOW LEVEL DURING THE PAST EIGHT HOURS. ONE SUBFLARE NORMAL AT 16/1232Z WITH A SMALL C-CLASS X-RAY BURST HAS BEEN THE ONLY ACTIVITY NOTED.

IB. SOLAR ACTIVITY IS EXPECTED TO STAY AT A GENERALLY LOW LEVEL; HOWEVER, REGION 468 (NEAR N09W24) IS EXHIBITING FREQUENT DYNAMIC CHARACTERISTICS WHICH MAY RESULT IN A SLIGHT INCREASE IN FLARE OCCURRENCE.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETLED AND NO CHANGE IS EXPECTED UNTIL THE LATTER PART OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 16 - 18 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 AUGUST 90

PREDICTED 16 - 18 AUGUST 88/85/85

90-DAY MEAN 15 AUGUST 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 AUGUST 06

ESTIMATED AFR/AP 15 AUGUST 03/04

PREDICTED AFR/AP 16 - 18 AUGUST 06/08 - 10/12 - 20/24

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HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 16 AUGUST 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. RGN 468 (N09W33) HAS GROWN SIGNIFICANTLY AND IS DECIDELY MORE COMPLEX. TWO SMALL "C" CLASS X-RAY EVENTS OCCURRED IN RGN 468 AND A MARKED RISE IN THE X-RAY BACKGROUND HAS BEEN ATTRIBUTED TO ITS RAPID 24 HOUR CHANGE. THE OTHER DISK REGIONS HAVE NOT SHOWN MUCH CHANGE.

IB. THE RAPID DEVELOPMENT OF RGN 468 APPEARS TO HAVE PEAKED AND A GRADUAL DECLINE IS NOW EXPECTED WITH NO SIGNIFICANT EFFECTS ON THE PROBABILITIES HAVING OCCURRED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED. QUIET TO UNSETLED CONDITIONS SHOULD PERSIST UNTIL LATE ON 18 AUG OR EARLY ON 19 AUG WHEN ACTIVE CONDITIONS SHOULD SET IN.

III. EVENT PROBABILITIES 17 AUG - 19 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 AUG 94

PREDICTED 17 AUG - 19 AUG 92/90/88

90-DAY MEAN 16 AUG 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 AUG 03

ESTIMATED AFR/AP 16 AUG 09/10

PREDICTED AFR/AP 17 AUG - 19 AUG 10/11 - 12/13 - 24/31

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