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HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 147A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 27 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO ACTIVITY HAS BEEN OBSERVED ON THE DISK AND ONLY SLIGHT ACTIVITY HAS BEEN OBSERVED ON SE LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ONLY MILDLY DISTURBED, AND IS EXPECTED TO REMAIN THAT WAY DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS 1 BOU 271400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 147B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 27 MAY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. MINOR FLARE ACTIVITY HAS BEEN
REPORTED IN REGION 413 (S16W51), AND THE SURGES AT EAST LIMB (S06 AND
S15) CONTINUE. ALL OTHER FEATURES HAVE BEEN DULL.

IB. SOLAR ACTIVITY SHOULD INCREASE TO LOW TO MODERATE LEVELS DURING
THE FORECAST PERIOD. PREVIOUSLY ACTIVE CARRINGTON LONGITUDES ARE NOW
RETURNING TO THE VISIBLE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO MILDLY ACTIVE SO FAR
TODAY. THE SAME APPROXIMATE LEVEL OF ACTIVITY IS EXPECTED THROUGH 29
MAY.

III. EVENT PROBABILITIES 27 MAY - 29 MAY

CLASS M 25/30/30

CLASS X 02/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAY 78

PREDICTED 27 MAY - 29 MAY 83/89/95

90-DAY MEAN 26 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 MAY 15

ESTIMATED AFR/AP 26 MAY 11/15

PREDICTED AFR/AP 27 MAY - 29 MAY 18/21 - 15/17 - 18/21

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KBOU

HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 147

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. FLARE FREQUENCY DID SHOW AN INCREASE OVER PREVIOUS LEVELS, BUT ALL WERE SMALL AND NOT ENERGETIC. REGION 413 (S15W57) GENERATED THE MAJORITY OF THE ACTIVITY, AS ARCH-FILAMENTS AND CONTINUED GROWTH WERE REPORTED HERE. THE SPOT GROUP IS NOW A "D" TYPE. NEAR CONTINUOUS SURGE ACTIVITY HAS BEEN NOTED AT EAST LIMB (S06 AND S15) AS OLD, PREVIOUSLY ACTIVE CENTERS ARE ROTATING INTO VIEW. HOWEVER, LIMB PROXIMITY PREVENTS EXTENSIVE ANALYSIS.

IB. SOLAR ACTIVITY SHOULD BE LOW TO MODERATE FOR THE NEXT 72 HOURS. ENERGETIC EVENTS ARE POSSIBLE FROM REGION 413, AND ALSO FROM THE OLD 392/393 COMPLEX WHICH IS NOW AT EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE TODAY. MOSTLY ACTIVE LEVELS ARE EXPECTED THROUGH THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28-30 MAY

CLASS M 30/30/30

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 83

PREDICTED 28-30 MAY 89/95/100

90-DAY MEAN 27 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAY 09

ESTIMATED AFR/AP 27 MAY 12/16

PREDICTED AFR/AP 28-30 MAY 15/18 - 17/21 - 19/24

SOLTERWARN

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