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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 126A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 06 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ALL THE DISK REGIONS APPEAR STABLE AND QUIET. THE LIMBS HAVE SHOWN NO ACTIVITY.

IB. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED, BUT DURING THE PAST 8 HOURS THE INTENSITY OF DISTURBANCE HAS DECREASED. THE FIELD WILL REMAIN DISTURBED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 061400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 12 6B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 06 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. ONLY AN OCCASIONAL SUB-
FLARE HAS BEEN OBSERVED AND THE VISIBLE REGIONS APPEAR STABLE.
A SMALL PLAGE HAS ROTATED OVER THE EAST LIMB NEAR SOUTH 10 WHERE
A PAIR OF REGIONS ARE DUE TO RETURN.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED FOR THE PAST 24 HOURS.
QUIET-TO-UNSETLED CONDITIONS ARE EXPECTED UNTIL 08 MAY FOLLOWED
BY 2-3 QUIET DAYS.

III. EVENT PROBABILITIES 06 MAY - 08 MAY

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 MAY 119

PREDICTED 06 MAY - 08 MAY 119/120/120

90-DAY MEAN 05 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 MAY 24

ESTIMATED AFR/AP 05 MAY 30/42

PREDICTED AFR/AP 06 MAY - 08 MAY 15/24 - 12/21 - 10/17

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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 126

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED LOW. ONLY AN OCCASIONAL SUBFLARE IN REGION 397 (N04W58) OR REGION 393 (S13E28) HAS BEEN OBSERVED THE PAST 24 HOURS. THOUGH THE PAIR OF REGIONS 393 AND 395 (S10E22) REMAIN LARGE IN PLACE AREA AND HAVE MODERATE SPOT AREAS WITH STILL DEVELOPING PENUMBRAE, THEIR MAGNETIC STRUCTURE IS NOW SIMPLE AND THE REGIONS APPEAR STABLE. REGION 397 HAS HAD A SMALL ARCH FILAMENT SYSTEM VISIBLE FOR THE PAST FEW HOURS BUT REMAINS SMALL AND SIMPLE. THE REMAINING VISIBLE REGIONS APPEAR STABLE AT THE PRESENT TIME.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW. THE 393/395 CENTERS WILL PROBABLY PRODUCE ONLY INFREQUENT MINOR FLARES AS THEY DECAY UNLESS NEW EMERGING FLUX REGIONS APPEAR IN THEIR MIDST. SUCH NEW STRUCTURES WOULD PROBABLY PRODUCE UP TO MODERATE CLASS M FLARES.

II. A SMALL GEOMAGNETIC STORM IS IN PROGRESS. THE ONSET WAS GRADUAL AND NO MAIN PHASE DEPRESSION HAS BEEN OBSERVED. FREQUENT SUBSTORMS PRODUCING MID-LATITUDE K VALUES ABOUT 5 ARE EXPECTED ANOTHER 12 TO 24 HOURS WITH UNSETTLED CONDITIONS THROUGH 08 MAY.

III. EVENT PROBABILITIES 06 MAY-08 MAY

CLASS M 40/40/40

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 MAY 119

PREDICTED 06-08 MAY 119/120/120

90-DAY MEAN 05 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 MAY 24

ESTIMATED AFR/AP 05 MAY 30/42

PREDICTED AFR/AP 06-08 MAY 20/24-18/21-15/17

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HFUS BOU 062240

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 127

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED LOW. SUBFLARES HAVE BEEN OBSERVED
IN REGIONS 392 (S07W01), 393 (S13E12), 397 (N05W73), 400 (N11W63)
AND 401 (S05W15). MINOR DEVELOPMENT HAS OCCURRED IN REGIONS 400
AND 401 BUT GENERALLY ALL THE PRESENT REGIONS APPEAR STABLE.

IB. ACTIVITY WILL PROBABLY REMAIN LOW THOUGH THE POSSIBILITY OF
EMERGING NEW FLUX IN REGION 393 SHOULD BE CONSIDERED A DISTINCT
PROBABILITY. PROBABLE CLASS M FLARES WOULD BE THE CONSEQUENCE OF
SUCH ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BE
QUIET -TO-UNSETLED THROUGH 08 MAY WITH A QUIET PERIOD THEREAFTER.

III. EVENT PROBABILITIES 07 MAY-09 MAY

CLASS M 50/60/60

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 MAY 122

PREDICTED 07-09 MAY 122/120/118

90-DAY MEAN 06 MAY 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 MAY 30

ESTIMATED AFR/AP 06 MAY 06/07

PREDICTED AFR/AP 07-09 MAY 15/17-15/17-10/11

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