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HFUS 1 BOU 090600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 129A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 9 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 8
HOURS. RGN 393 (S12W14) PRODUCED A C4 X-RAY FLARE AT 090205Z AND
RGN 399 (S12W01) PRODUCED A NON-ENERGETIC FLARE AT 090138Z. THE
OTHER DISK FEATURES HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW TO VERY LOW
LEVEL FOR THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD IS UNSETLED WITH QUIET TO UNSETLED
CONDITIONS EXPECTED TO CONTINUE FOR THE DURATION OF THIS FORECAST
PERIOD. SEE PART V.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 MAY 16

ESTIMATED AFR/AP 08 MAY 07/08

PREDICTED AFR/AP 09-11 MAY 12/13 - 10/11 - 10/11

SOLTERWARN

SPAN

BT

HFUS 1 BOU 091400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 129B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 09 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. REGION 392 (S05W39) HAS PRODUCED 3 FLARES. THE LARGEST WAS A SUB BRIGHT THAT REACHED MAXIMUM AT 1043Z. REGION 393 (S12W19) HAS SHOWN ONLY MINOR PLAGE INTENSITY FLUCTUATIONS DURING THE PAST 12 HOURS AND APPEARS TO BE DECAYING SLOWLY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH SHORT PERIODS OF UNSETTLED CONDITIONS DURING LOCAL NIGHT TIME. THIS PATTERN IS EXPECTED TO CONTINUE THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 09 MAY - 11 MAY

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|---------|----------|
| CLASS M | 60/50/40 |
| CLASS X | 10/07/07 |
| PROTON | 05/10/10 |
| PCAF | GREEN |

IV. OTTAWA 10.7 CM FLUX

| | |
|-------------|----------------------------|
| OBSERVED | 08 MAY 114 |
| PREDICTED | 09 MAY - 11 MAY 108/102/96 |
| 90-DAY MEAN | 08 MAY 86 |

V. GEOMAGNETIC A INDICES

| | |
|-------------------------|---------------------------------------|
| OBSERVED FREDERICKSBURG | 07 MAY 16 |
| ESTIMATED AFR/AP | 08 MAY 07/08 |
| PREDICTED AFR/AP | 09 MAY - 11 MAY 12/13 - 10/11 - 10/11 |

SOLTERWARN
SPAN
BT

HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 129

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW WITH EIGHT SUBFLARES OBSERVED
DURING THE PAST 24 HOURS. THE CENTER OF ACTIVITY HAS SHIFTED FROM
REGION 393 (S13W25) WHICH IS DECAYING, TO REGION 392 (S07W42).
NEW REGION 406 (S19W16) CONSISTING OF A SMALL "A" TYPE SPOT
GROUP HAS BEEN INACTIVE. IN GENERAL THE VISIBLE DISK HAS BEEN
STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW WITH SPORADIC
SUBFLARES LIKELY FROM REGIONS 392 AND 393. ACCELERATED DECAY
AND ASSOCIATED INCREASE IN ACTIVITY ARE POSSIBLE BUT NOT EXPECTED
WITHIN THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH UNSETLED
CONDITIONS PRESENT DURING LOCAL NIGHT TIME. THE SAME PATTERN IS
EXPECTED TO CONTINUE WITH DIMINISHING LEVELS THROUGH THE NEXT 72
HOURS.

III. EVENT PROBABILITIES 10 MAY - 12 MAY

CLASS M 50/45/40

CLASS X 10/07/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAY 108

PREDICTED 10-12 MAY 97/81/78

90-DAY MEAN 09 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAY 11

ESTIMATED AFR/AP 09 MAY 09/10

PREDICTED AFR/AP 10-12 MAY 09/10 - 05/06 - 05/06

SOLTERWARN

SPAN

BT