

HFUS 1 BOU 270530
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 362A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 DECEMBER 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS.
NO FLARES HAVE BEEN REPORTED DURING THAT PERIOD. REGION 764(S20E48)
IS APPARENTLY GROWING SLOWLY, BUT HAS NOT YET SHOWN A TENDENCY TO
FLARE. THE REMAINDER OF THE DISK AND LIMBS CONTINUE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT 24
HOURS. IF REGION 764 CONTINUES GROWING, THE POSSIBILITY OF A
MODERATELY ENERGETIC FLARE WILL INCREASE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.
THE FIELD IS EXPECTED TO CONTINUE QUIET TO MILDLY UNSETTLED DURING
THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 27 DECEMBER - 29 DECEMBER

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|---------|----------|
| CLASS M | 05/10/10 |
| CLASS X | 01/01/01 |
| PROTON | 01/01/01 |
| PCAF | GREEN |

IV. OTTAWA 10.7 CM FLUX

| | |
|-------------|-------------------------|
| OBSERVED | 26 DECEMBER 78 |
| PREDICTED | 27-29 DECEMBER 79/80/81 |
| 90-DAY MEAN | 26 DECEMBER 75 |

V. GEOMAGNETIC A INDICES

| | |
|-------------------------|--------------------------------------|
| OBSERVED FREDERICKSBURG | 25 DECEMBER 08 |
| ESTIMATED AFR/AP | 26 DECEMBER 06/04 |
| PREDICTED AFR/AP | 27-29 DECEMBER 06/07 - 06/07 - 06/07 |
| SOLTERWARN | |
| BT | |

HFUS 1 BOU 271500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 362-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 27 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.
REGION 764 (S20E44) HAS SHOWN NO TENDENCY TO PRODUCE ENERGETIC
ACTIVITY. HOWEVER, SOME DEVELOPMENT IN SPOTS BETWEEN THE LEADER
AND TRAILER GROUPS WAS NOTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW TO VERY LOW
LEVEL DURING THE REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 16 HOURS.
GENERALLY QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 27 DECEMBER - 29 DECEMBER

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 DECEMBER 78

PREDICTED 27-29 DECEMBER 79/80/81

90-DAY MEAN 26 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 DECEMBER 08

ESTIMATED AFR/AP 26 DECEMBER 06/04

PREDICTED AFR/AP 27-29 DECEMBER 06/07 - 06/07 - 06/07

SOLTERWARN

BT

HFUS 1 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 362

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 DECEMBER 1976

IA. SOLAR ACTIVITY CONTINUED AT A VERY LOW LEVEL DURING THE PAST
24 HOURS. REGION 764 (S20E34) HAS SHOWN ONLY SLIGHT SPOT GROWTH
WITH NO FLARE ACTIVITY BEING REPORTED. THE REMAINDER OF THE DISK
IS QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE
THE NEXT 24 HOURS. REGION 764 MAY BEGIN PRODUCING C-CLASS
X-RAY EVENTS, AND ISOLATED M-CLASS X-RAY ACTIVITY IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET DURING THE PAST
24 HOURS. GENERALLY QUIET CONDITIONS SHOULD PREVAIL DURING THE
NEXT 24 HOURS.

III. EVENT PROBABILITIES 28 DECEMBER - 30 DECEMBER

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 DECEMBER 78

PREDICTED 28-30 DECEMBER 78/78/79

90-DAY MEAN 27 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 DECEMBER 05

ESTIMATED AFR/AP 27 DECEMBER 05/03

PREDICTED AFR/AP 28-30 DECEMBER 06/07 - 06/07 - 06/07

SOLTERWARN

BT