

HFUS 1 BOU 180600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 352A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 0600Z 18 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. ALL REGIONS APPEAR STABLE.  
EAST LIMB ACTIVITY NEAR N05 CONTINUES AS REGION 539 (N05E75) CONTINUES ITS ROTATION ONTO THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE EAST LIMB ACTIVITY MAY BE PRECURSOR TO INCREASED ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AND IS EXPECTED TO BE ACTIVE THIS FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A. INDICES

OBSERVED FREDERICKSBURG 16 DEC 07  
ESTIMATED AFR/AP 17 DEC 11/13  
PREDICTED AFR/AP 18-20 DEC 20/25 - 16/20 - 14/17  
SOLTERWARN  
BT

HFUS 1 BOU 181430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 18 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. TWO NON-ENERGETIC SUB-  
FLARES HAVE OCCURRED IN REGION 526 (N13W01). REGIONS 534  
(N13W70) AND 539 (N05E71) REMAINED PASSIVE THIS ZULU DAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO  
REMAIN SO.

III. EVENT PROBABILITIES 18 - 20 DEC

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DEC 91

PREDICTED 18 - 20 DEC 91/92/92

90-DAY MEAN 17 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 DEC 07

ESTIMATED AFR/AP 17 DEC 11/13

PREDICTED AFR/AP 18 - 20 DEC 18/23 - 15/20 - 14/17

SOLTERWARN

BT

HFUS BOU 182200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.  
SDF NUMBER 352  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 DECEMBER 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. TWO NON-ENERGETIC FLARES HAVE OCCURRED THIS ZULU DAY IN REGION 536 (N13W05). THIS REGION AND REGIONS 534 (N13W74) AND 539. (N07E64) CURRENTLY ARE STABLE. REGIONS 540 (S15W40) AND 541 (N08E26) HAVE EMERGED DURING THE PAST 24 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH 1-3 CLASS C X-RAY EVENTS PER DAY PROBABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO REMAIN SO FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 - 21 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 93

PREDICTED 19 - 21 DEC 92/91/88

90-DAY MEAN 18 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DEC 13

ESTIMATED AFR/AP 18 DEC 18/28

PREDICTED AFR/AP 19 - 21 DEC 16/24 - 14/20 - 19/25

SOLTERWARN

BT