

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 050A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 19 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.  
NO ACTIVITY HAS BEEN OBSERVED. THE DISK REGIONS AND THE LIMBS ARE  
STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT 8  
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN  
QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 191400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 050B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 19 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW DURING THE PAST 8 HOURS  
WITH NO ACTIVITY OBSERVED. THERE ARE THREE REGIONS ON THE DISK WITH  
VISIBLE SPOTS. ALL ARE IN THE WESTERN HEMISPHERE AND APPEAR STABLE  
AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH OCCASSIONAL  
SUBFLARE ACTIVITY POSSIBLE FROM REGION 352 (S18W23). NO OLD REGIONS  
ARE DUE TO RETURN AND NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE  
NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO BE QUIET  
DURING THE NEXT 12 HOURS AND BECOME UNSETTLED SHORTLY THEREAFTER.

III. EVENT PROBABILITIES 19 FEB - 21 FEB

CLASS M 40/35/30

CLASS X 05/04/03

PROTON 03/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 FEB 90

PREDICTED 19 FEB - 21 FEB 89/87/84

90-DAY MEAN 18 FEB 84

V. GEOMAGNETIC A UBDUCES

OBSERVED FREDERICKSBURG 17 FEB 07

ESTIMATED AFR/AP 18 FEB 02/03

PREDICTED AFR/AP 19 FEB - 21 FEB 05/06 - 14/16 - 25/33

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 050

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 FEBRUARY 1974.

IA. SOLAR ACTIVITY REMAINS VERY LOW. THE MOST NOTEWORTHY EVENT  
OF THE DAY OCCURRED AT 1821Z, WHEN VELA REPORTED A C-7 X-RAY  
FLARE WHICH WAS ACCOMPANIED BY SMALL BURSTS AT CENTIMETER WAVE-  
LENGTHS. DUE TO WEATHER, THIS FLARE WAS NOT OBSERVED ON THE GROUND,  
ALTHOUGH IT PROBABLY ORIGINATED IN REGION 352 (S18W25). THIS  
REGION STILL APPEARS TO BE GROWING, WITH SIMPLIFICATION APPARENT  
IN THE INTERMEDIATE SECTION. THE OTHER REGIONS, 347 (S16W80) AND  
348 (S19W13), BOTH APPEAR TO BE DECLINING. DEKAMETRIC TYPE III  
AND IV ACTIVITY HAS CONTINUED TODAY. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN LOW. INFREQUENT C-CLASS FLARES  
ARE EXPECTED, WITH A SLIGHT CHANCE OF AN M-CLASS IN REGION 352. NO  
OLD PREVIOUSLY ACTIVE REGIONS ARE DUE TO RETURN IN THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.

THE RECURRENT DISTURBANCE DUE 20-21 FEB. IS STILL EXPECTED.

III. EVENT PROBABILITIES 20 FEB - 22 FEB.

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 19 FEB 85

PREDICTED 20 FEB - 22 FEB 83/80/78

90-DAY MEAN 19 FEB 84

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 18 FEB 01

ESTIMATED AFR/AP 19 FEB 07/08

PREDICTED AFR/AP 20 FEB - 22 FEB 14/16 - 25/33 - 20/24

SOLTERWARN

SPAN

BT