

HFUS 1 BOU 300545

SDF NUMBER 364A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 30 DEC 1975

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. NO FLARES HAVE BEEN  
OBSERVED FOR 48 HOURS. HOWEVER, NEW REGION 546 (S08E65) APPEARS TO  
BE GROWING AND IS NOW CLASSED AS A D-TYPE REGION.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW THROUGH THE  
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED FOR THE PAST 24  
HOURS. THE FIELD IS EXPECTED TO TREND GRADUALLY TOWARD QUIET LEVELS  
DURING THE FORECAST PERIOD.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS BOU 301430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 3648

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 30 DEC 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. BOTH REGIONS 545 (NR4W58)  
AND 546 (S08E60) PRODUCED A SUBFAINT FLARE DURING THE LAST 8  
HOURS, BUT THE 1-8 ANGSTROM X-RAY FLUX DID NOT REACH CLASS C LEVELS.  
REGION 545 CONTINUES TO SHOW BRIGHTENINGS TO NEAR FLARE INTENSITY.

IB. SOME SUBFLARES MAY CONTINUE FROM REGIONS 545 AND 546, BUT  
NEITHER REGION APPEARS CAPABLE OF PRODUCING ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET THIS ZULU DAY. SLIGHTLY  
UNSETTLED TO QUIET CONDITIONS ARE EXPECTED DURING THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 30 DEC - 01 JAN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DEC 77

PREDICTED 30 DEC - 01 JAN 77/77/78

90- DAY MEAN 29 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 DEC 08

ESTIMATED AFR/AP 29 DEC 07/10

PREDICTED AFR/AP 30 DEC - 01 JAN 05/08 - 04/05 - 04/05

SOLTERWARN

BT

HFUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 364

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 30 DEC 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 545 (N14W66)  
PRODUCED A SUBFLARE AT 30/0817Z BUT APPEARS TO BE DECAYING  
RAPIDLY AND NOW CONTAINS ONLY A SINGLE SMALL SPOT. REGION 546  
(S08E58) PRODUCED A SUBFLARE AT 30/0702Z. THIS REGION HAS GROWN  
SOME AND NOW CONTAINS A SMALL D TYPE SPOT GROUP, BUT THE MAGNETIC  
STRUCTURE REMAINS A SIMPLE BETA.

IB. NEITHER REGION ON THE DISK APPEARS CAPABLE OF PRODUCING  
MORE THAN AN INFREQUENT, NON-ENERGETIC SUBFLARE. THUS, SOLAR  
ACTIVITY SHOULD CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET DURING THE LAST 24  
HOURS, AND QUIET CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 31 DEC - 02 JAN

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 DEC 77

PREDICTED 31 DEC - 02 JAN 77/78/79

90-DAY MEAN 30 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 DEC 07

ESTIMATED AFR/AP 30 DEC 04/05

PREDICTED AFR/AP 31 DEC - 02 JAN 04/05 - 04/05 - 04/05

NOTE- ON 1 JANUARY 1973 SESC STARTED A SEQUENTIAL NUMBERING  
SYSTEM FOR SUNSPOT REGIONS AND SIGNIFICANT H ALPHA PLAGE REGIONS,  
BEGINNING WITH REGION NUMBER 001. THIS NUMBERING SYSTEM WILL  
CONTINUE INTACT THROUGH THE NEW YEAR, AS IT DID IN 1974, WITHOUT  
REVERSION TO NUMBER 001 ON 1 JANUARY AS HAD BEEN DONE PRIOR TO 1973.

SOLTERWARN

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