

HFUS 1 BOU 310545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 365A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL  
ACTIVITY ISSUED 0600Z 31 DEC 1975

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO SIGNIFICANT  
CHANGES HAVE OCCURRED IN THE VISIBLE DISK FEATURES AS THEY CON-  
TINUE TO DECAY SLOWLY. A SMALL SPOTLESS PLAGE HAS ROTATED ONTO  
THE DISK NEAR SE20.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE BETWEEN 0000Z AND 0300Z  
BUT IS EXPECTED TO BE GENERALLY UNSETTLED. SEE PART V.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 DEC 07

ESTIMATED AFR/AP 30 DEC 04/05

PREDICTED AFR/AP 31 DEC-02 JAN 13/16-10/12-08/10

SOLTERWARN

BT

HFUS 1 BOU 311430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 365B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 31 DEC 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED  
DURING THE LAST 24 HOURS. ALL REGIONS ON THE DISK REMAIN SIMPLE  
AND STABLE.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE DURING THE EARLY PART  
OF THIS ZULU DAY. THE DISTURBANCE HAS QUIETED SOMEWHAT AT THIS  
TIME, BUT SOME ADDITIONAL SUBSTORM ACTIVITY IS POSSIBLE DURING  
THE DAY TODAY. GENERALLY UNSETTLED CONDITIONS SHOULD PERVAIL  
FOR THE FOLLOWING TWO DAYS.

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 13/16 - 10/12 - 08/10

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

BT

HFUS BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 365

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 DEC 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NEW REGION 547  
(N08W50) DEVELOPED EARLY TODAY AND NOW CONTAINS A SMALL B TYPE  
SPOT GROUP. THIS REGION PRODUCED A SMALL SUBFAINT FLARE AT  
31/1737Z. REGION 546 (S08E42) IS THE ONLY OTHER REGION ON THE  
DISK CONTAINING SPOTS AND REMAINS A SMALL D TYPE SPOT GROUP WITH  
A SIMPLE BETA MAGNETIC STRUCTURE.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE BETWEEN 31/00-06Z AND  
HAS BEEN UNSETTLED SINCE THEN. GENERALLY UNSETTLED CONDITIONS  
ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 - 03 JAN

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 DEC 78

PREDICTED 01 - 03 JAN 79/80/81

90-DAY MEAN 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 DEC 04

ESTIMATED AFR/AP 31 DEC 12/12

PREDICTED AFR/AP 01 - 03 JAN 10/12 - 08/10 - 08/10

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.  
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