

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 UNSETLED. SEE PART V.
III. NO CHANGE.
IV. NO CHANGE.
V. GEOMAGNETIC 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 PERSIST
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 UNSETLED SINCE THEN. GENERALLY UNSETLED 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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