

HFUS 1 BOU 160555

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 016A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JAN 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO FLARES HAVE BEEN RE-
PORTED FOR ALMOST 36 HOURS NOW.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. ALTHOUGH THE GEOMAGNETIC FIELD IS CURRENTLY QUIET, THE FIELD HAS
BEEN UNSETTLED FOR MOST OF THE PAST 24 HOURS. THE FIELD IS EXPECTED
TO BE GENERALLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 161430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 016B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430 16 JAN 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO EVENTS HAVE BEEN
REPORTED. FILAMENT ACTIVITY IS OCCURRING NEAR THE LARGE SUNSPOT
IN REGION 552(N15W18).

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD IS CURRENTLY UNSETTLED TO ACTIVE.
THE FIELD IS EXPECTED TO BE GENERALLY UNSETTLED THROUGH THE
FORECAST PERIOD.

III. NO CHANGE

05/05/05

IV. NO CHANGE

80

81/81/80

V. NO CHANGE

11

17/14/12

SOLTERWARN

BT

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 016

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JANUARY 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO EVENTS HAVE BEEN
DETECTED BY EITHER SATELLITE OR GROUND - BASED STATIONS. REGION
555 (N01W15) HAS BEGUN TO DISSIPATE BUT CONTINUES WITH AN ACTIVE
EMBEDDED FILAMENT. REGION 552 (N14W26) IS STABLE WITH A SINGLE
H-TYPE SPOT.

IB. ACTIVITY SHOULD CONTINUE AT THE PRESENT MINIMAL LEVEL.
REGION 555 IS A POSSIBLE SOURCE FOR CLASS - C FLARES. NO
REGIONS ARE EXPECTED TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND OCCASIONALLY
ACTIVE. UNSETTLED CONDITIONS SHOULD PREVAIL THROUGH THIS FORECAST
PERIOD WITH POSSIBLY ACTIVE CONDITIONS DURING THE THIRD DAY.
REGION 555 WILL THEN LIE ALONG THE SUN - EARTH LINE AND MAY BE
A SOURCE OF DISTURBANCE.

III. EVENT PROBABILITIES 17 - 19 JANUARY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JANUARY 79

PREDICTED 17 - 19 JANUARY 78/78/76

90-DAY MEAN 16 JANUARY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JANUARY 11

ESTIMATED AFR/AP 16 JANUARY 17/22

PREDICTED AFR/AP 17 - 19 JANUARY 14/17 - 10/12 - 24/33

SOLTERWARN

BT