

HFUS 1 BOU 180540

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 DECEMBER 1975

IA. SOLAR ACTIVITY CONTINUES WITHOUT EVENTS. ACTIVE REGION 671
(S06W13) HAS SHOWN MINOR PLAGE DEVELOPMENT BUT ITS SPOT GROUP
CONTINUES AS A SMALL TYPE A.

IB. NO SIGNIFICANT SOLAR REGIONS ARE EXPECTED. NO ACTIVITY
EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
HELIUM INFRARED SPECTROHELIOGRAM TODAY DOES NOT SUPPORT PREVIOUS
FORECASTS OF A RECURRENT GEOMAGNETIC DISTURBANCE. THE SOLAR
CORONA DOES NOT APPEAR TO HAVE OPEN STRUCTURES THAT WOULD EMIT
HIGH VELOCITY SOLAR WIND. THEREFORE, GEOMAGNETIC CONDITIONS ARE
EXPECTED TO REMAIN QUIET THROUGH THIS FORECAST PERIOD. THE CON-
FLICT BETWEEN PREDICTED A-F AND PREDICTED A-P REFLECTS DIFFERENT
FORECAST TECHNIQUES.

III. EVENT PROBABILITIES 18 DECEMBER - 20 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PC4F GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DECEMBER 73

PREDICTED 18-20 DECEMBER 74/74/74

90-DAY MEAN 17 DECEMBER 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 DECEMBER 12

ESTIMATED AFR/AP 17 DECEMBER 08/08

PREDICTED AFR/AP 18-20 DECEMBER 05/17 - 05/30 - 05/16

SOLTERWARN

BT

HFUS 1 BOU 181500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 18 DEC 1975

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 671 (S06W17) HAS SHOWN
MINOR PLAGE DEVELOPEMENT BUT ITS SPOT GROUP CONTINUES AS A SMALL
TYPE A.

IB. NO SIGNIFICANT SOLAR REGIONS ARE EXPECTED TO RETURN. NO
ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 8 HOURS.
THE GEOMAGNETIC FIELD ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 18 - 20 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DEC 73

PREDICTED 18 - 20 DEC 74/74/74

90-DAY MEAN 17 DEC 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 DEC 12

ESTIMATED AFR/AP 17 DEC 09/07

PREDICTED AFR/AP 18 - 20 DEC 05/06 - 12/17 - 14/15

SOLTERWARN

BT

GEOALERT WWA352 180300

91217 10170 20730 30080 40120

31106 00000

80618 77773 31106 QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HRUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 DEC 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 671 (S06W21) HAS
EXHIBITED MINOR GROWTH IN WHITE LIGHT. NO OTHER SIGNIFICANT
FEATURES ARE VISIBLE ON THE DISK.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL THROUGHOUT THE
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.
THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED TO MILDLY
ACTIVE ON 19 DECEMBER AND THEN ACTIVITY LEVELS CAN BE EXPECTED
TO DIMINISH SLOWLY.

III. EVENT PROBABILITIES 19 - 21 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 72

PREDICTED 19 - 21 DEC 72/73/73

90-DAY MEAN 18 DEC 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DEC 09

ESTIMATED AFR/AP 18 DEC 05/05

PREDICTED AFR/AP 19 - 21 DEC 12/17 - 14/15 - 10/10

SOLTERWARN

BT