

HFUS 1 BOU 150600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 015A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 15 JAN 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE REGIONS CURRENTLY ON THE DISK APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. ALTHOUGH THE GEOMAGNETIC FIELD IS CURRENTLY QUIET, THE FIELD
HAS BEEN ACTIVE FOR MOST OF THE PAST 24 HOURS. THE FIELD IS EXPECTED
TO BE GENERALLY ACTIVE 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 151435

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 015B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 15 JANUARY 1975

IA. OPTICAL COVERAGE HAS BEEN EXCELLENT. OBSERVATORIES AT
TEHRAN AND ATHENS INDICATE NEW GROWTH IN AR 555 (N04E02) AND
MINOR DEVELOPMENT IN THE TRAILER PART OF AR 552 (N13W09).
NO FLARES OR XRAY ENHANCEMENTS HAVE BEEN REPORTED.

IB. CONTINUED LOW LEVEL OF SOLAR ACTIVITY WITH A FEW NON
ENERGETIC FLARES IN AR 552 AND AR 555.

II. THE MINOR GEOMAGNETIC STORM HAS SUBSIDED HOWEVER ACTIVE TO
MINOR STORM CONDITIONS ARE EXPECTED TO CONTINUE FOR THE NEXT
48 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 015

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 JAN 1975

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. MINOR TRAILOR
SPOT GROWTH IN AR 552 (N13W15) AND SPOT GROWTH, MINOR PLAGE
BRIGHTENINGS AND AN ACTIVE FILAMENT IN AR 555 (N03W03) HAVE
BEEN OBSERVED. NO FLARES OR X-RAY ENHANCEMENTS HAVE BEEN
REPORTED.

IB. CONTINUED LOW LEVEL OF SOLAR ACTIVITY WITH A FEW NON-
ENERGETIC FLARES EXPECTED FROM AR 555.

II. THE MINOR GEOMAGNETIC STORM HAS SUBSIDED. ACTIVE GEOMAGNETIC
CONDITIONS EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 16 - 18 JAN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JAN 80

PREDICTED 16 - 18 JAN 81/81/80

90-DAY MEAN 15 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JAN 25 CORR 13 JAN 21 INSTEAD OF 20

ESTIMATED AFR/AP 15 JAN 09/12

PREDICTED AFR/AP 16 - 18 JAN 17/22 - 14/19 - 12/17

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