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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 070A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 MARCH 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONE NON-ENERGETIC SUBFLARE HAS
BEEN OBSERVED DURING THE PAST 24 HOURS. THE LIMBS HAVE BEEN QUIET
AND NO SPOTS HAVE BEEN OBSERVED ON THE SOUTHEAST LIMB AT THIS TIME.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD REMAINS IN A DISTURBED CONDITION. THE
DISTURBANCE HAS NOT REACHED STORM LEVEL AT THIS TIME. THE DISTURBANCE
WILL CONTINUE FOR THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

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HFUS 1 BOU 111400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 070B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 11 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY ONE, NON-ENERGETIC
SUBFLARE REPORTED DURING THE LAST 24 HOURS. REGION 362 (N03W14) HAS
APPARENTLY SLOWED OR STOPPED ITS GROWTH AND NOW APPEARS STABLE. NEW
REGION 363 (S16E77) CONTAINS A MODERATELY BRIGHT PLAGE AND AT
LEAST ONE H TYPE SPOT, BUT HAS PRODUCED NO ACTIVITY AS YET.

IB. WITH THE APPEARANCE OF REGION 363 AND POSSIBLE DEVELOPMENT IN
REGION 362, THE CHANCE OF A SMALL CLASS M EVENT IS SLOWLY INCREASING
BUT REMAINS LOW.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE WITH MINOR STORM CONDITIONS
AT HIGHER LATITUDES. THE DISTURBANCE SHOULD BEGIN TO DECREASE WITH
CONDITIONS BECOMING UNSETTLED BY 13 MARCH.

III. EVENT PROBABILITIES 11 MAR - 13 MAR

CLASS M 04/06/08

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 86

PREDICTED 11 MAR - 13 MAR 87/89/91

90- DAY MEAN 10 MAR 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAR 19

ESTIMATED AFR/AP 10 MAR 28/39

PREDICTED AFR/AP 11 MAR - 13 MAR 28/39 - 15/17 - 12/13

SOLTERWARN

SPAN

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HFUS BOU 112200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 070
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE TWO MOST SIGNIFICANT REGIONS ON THE DISK ARE 362 (N03W20) AND 363 (S17E67). REGION 362 CONTAINS A D TYPE SPOT GROUP AND A MODERATELY KINKED NEUTRAL LINE WITH A BETA MAGNETIC CONFIGURATION. THIS REGION HAS PRODUCED NO FLARES BUT POINT BRIGHTENINGS HAVE BEEN OBSERVED AND THE REGION APPEARS CAPABLE OF PRODUCING A SMALL M EVENT. REGION 363 PRODUCED THE ONLY ACTIVITY DURING THE LAST 24 HOURS, A SUBFAINT FLARE AT 11/1602Z. THIS REGION CONTAINS A LARGE, MODERATELY BRIGHT PLAGE AND A B TYPE SPOT GROUP.

IB. THERE IS A FAIR CHANCE OF A SMALL CLASS M EVENT DURING THE NEXT 3 DAYS FROM REGION 362 OR 363.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE REACHING NEAR MINOR STORM CONDITIONS AT HIGHER LATITUDES. THIS DISTURBANCE SHOULD DECREASE WITH QUIET CONDITIONS BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES 12 MARCH - 14 MARCH

CLASS M 20/20/20

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MARCH 87

PREDICTED 12 MARCH - 14 MARCH 89/91/92

90-DAY MEAN 11 MARCH 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MARCH 27

ESTIMATED AFR/AP 11 MARCH 22/28

PREDICTED AFR/AP 12 MARCH - 14 MARCH 15/17 - 12/13 - 06/07

SOLTERWARN

SPAN

BT