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HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 MARCH 1974

IA. THE SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
NO FLARES HAVE BEEN OBSERVED AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS UNSETTLED BUT BELOW STORM LEVEL. THE
FIELD WILL REMAIN UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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KBOU K

HFUS 1 BOU 101400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 10 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING THE LAST 8 DAYS. REGION 362 (N01W01) IS THE BRIGHTEST REGION ON THE DISK, CONTAINS AN ARCH FILAMENT SYSTEM, AND APPEARS TO BE GROWING. SMALL SURGES OBSERVED ON THE EAST LIMB NEAR S20 MAY MARK THE RETURN OF OLD REGION 352.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW WITH A FEW SUBFLARES POSSIBLE FROM REGION 362. CONTINUED GROWTH OF THIS REGION COULD RESULT IN A SMALL CLASS M EVENT, BUT PROBABILITIES REMAIN LOW AT THIS TIME.

II. THE GEOMAGNETIC FIELD HAS BECOME ACTIVE AND SHOULD REMAIN ACTIVE THROUGH MOST OF THE PERIOD, WITH MINOR STORM CONDITIONS LIKELY AT HIGHER LATITUDES ON 11 MARCH.

III. EVENT PROBABILITIES 10 MAR - 12 MAR

CLASS M 02/04/06

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAR 81

PREDICTED 10 MAR - 12 MAR 82/83/85

90-DAY MEAN 09 MAR 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAR 14

ESTIMATED AFR/AP 09 MAR 18/21

PREDICTED AFR/AP 10 MAR - 12 MAR 22/28 - 24/31 - 15/17

SOLTERWARN

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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 MARCH 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 361 (N07E11)
PRODUCED THE ONLY FLARE DURING THE LAST 24 HOURS, A SUBNORMAL
AT 10/1739Z. THIS REGION CONTAINS ONLY A SINGLE A TYPE SPOT AND
DOES NOT APPEAR CAPABLE OF SIGNIFICANT ACTIVITY. REGION 362
(N03W06) HAS GROWN SINCE YESTERDAY AND NOW CONTAINS A D TYPE SPOT
GROUP WITH AN ARCH FILAMENT SYSTEM. THIS REGION CONTAINS A SIMPLE
BETA MAGNETIC CONFIGURATION AND DOES NOT YET APPEAR CAPABLE OF
ENERGETIC ACTIVITY. SMALL BRIGHT SURGES AT SE18 MAY INDICATE
A RETURN OF OLD REGION 352. THE OSO 7 LONG X-RAY SHOWS CONSIDERABLE
ENHANCEMENT IN THIS AREA.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW, ALTHOUGH CONTINUED
DEVELOPEMENT IN REGION 362 OR THE APPEARANCE OF AN ACTIVE REGION
IN THE SE COULD RESULT IN SMALL CLASS M EVENTS.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE WITH MINOR STORM
CONDITIONS AT HIGH LATITUDES. THESE CONDITIONS SHOULD CONTINUE
THROUGH 11 MARCH, BECOMING UNSETTLED BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES 11 MAR - 13 MARCH

CLASS M 04/06/08

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MARCH 86

PREDICTED 11 MARCH - 13 MARCH 87/89/91

90-DAY MEAN 10 MARCH 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MARCH 19

ESTIMATED AFR/AP 10 MARCH 28/39

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

SOLTERWARN

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