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HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 125A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 05 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. THE MANY REGIONS ON THE DISK ARE ALL STABLE AND QUIET. THE LIMBS ARE ALSO QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. A FEW NON-ENERGETIC SUBFLARES WILL BE THE EXTENT OF ACTIVITY.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED TO SUBSTORM LEVEL AND WILL REMAIN DISTURBED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAY 19

ESTIMATED AFR/AP 04 MAY 25/35

PREDICTED AFR/AP 05 MAY - 07 MAY 20/24 - 14/16 - 20/24

SOLTERWARN

SPAN

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KBOU KV

HFUS 1 BOU 051400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 125B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 05 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED LOW.

IB. ACTIVITY WILL PROBABLY REMAIN LOW BUT THE PRESENCE OF NUMEROUS ACTIVE REGIONS, SOME WITH THE CAPABILITY OF PRODUCING M CLASS FLARES, MAKES A RISE TO MODERATE ACTIVITY LEVELS POSSIBLE AT ANY TIME.

II. MINOR GEOMAGNETIC STORM CONDITIONS HAVE PREVAILED WITH A K-INDEX OF 6 RECORDED AT BOULDER FOR 05/09-12Z. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE WITH MODERATELY INTENSE MID-LATITUDE EFFECTS OF SUBSTORM ACTIVITY.

III. EVENT PROBABILITIES 05 MAY - 07 MAY

CLASS M 60/50/40

CLASS X 15/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAY 117

PREDICTED 05 MAY - 07 MAY 120/120/120

90-DAY MEAN 04 MAY 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAY 19

ESTIMATED AFR/AP 04 MAY 27/37

PREDICTED AFR/AP 05 MAY - 07 MAY 32/46 - 20/24 - 20/24

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