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HFUS 1 BOU 280600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 JANUARY 1974

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

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

II. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED AT MINOR STORM
LEVEL. THE DISTURBANCE SHOULD BEGIN TO DECLINE DURING THE NEXT 24
HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JANUARY 25

ESTIMATED AFR/AP 27 JANUARY 29/40

PREDICTED AFR/AP 28-30 JANUARY 20/24-10/11-10/11

SOLTERWARN

SPAN

BT

HFUS 1 BOU 281300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 28 JANUARY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST SEVEN HOURS,
AND NO FLARES HAVE BEEN REPORTED. REGION 334 (S17E21) HAS SHOWN RECENT
SLOW GROWTH, AND THIS REGION NOW CONTAINS A SMALL C-TYPE SPOT GROUP
ACCOMPANIED BY SLIGHTLY ENHANCED PLAGE. A SMALL PLAGE REGION DESIGNATED
AS REGION 337 HAS CROSSED THE EAST LIMB AND NOW IS LOCATED AT N08E80.

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

II. THE GEOMAGNETIC FIELD WAS ACTIVE 28/0600-0900Z AND UNSETTLED
28/0900-1200Z AT BOULDER. UNSETTLED TO ACTIVE CONDITIONS ARE LIKELY
DURING THE NEXT 24 HOURS, WITH MAXIMUM LEVELS OF DISTURBANCE PROBABLE
DURING LOCAL NIGHT.

III. EVENT PROBABILITIES 28 JAN - 30 JAN

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 73

PREDICTED 28 JAN - EP JAN 72/73/73

90-DAY MEAN 27 JAN 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JAN 25

ESTIMATED AFR/AP 27 JAN 30/42

PREDICTED AFR/AP 28 JAN - 30 JAN 23/29 - 13/14 - 10/11

SOLTERWARN

SPAN

BT

HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 JAN 1974

IA. NO FLARE ACTIVITY OBSERVED DURING THE PAST 24 HOURS.
NO SUNSPOTS ARE VISIBLE. SMALL SURGES HAVE BEEN OBSERVED ON THE
EAST LIMB NEAR S10. A NEW REGION MAY BE APPROACHING AT THIS
LOCATION.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW FOR THE NEXT 72 HOURS.
OLD REGION 314 MAY RETURN NEAR N07 ON 29-30 JANUARY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE.
UNSETTLED TO MILDLY ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT
24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED ON 30-31 JANUARY.

III. EVENT PROBABILITIES 29 - 31 JAN

CLASS M 01/03/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JAN 73

PREDICTED 29 - 31 JAN 74/75/77

90-DAY MEAN 28 JAN 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JAN 27

ESTIMATED AFR/AP 28 JAN 14/16

PREDICTED AFR/AP 29 - 31 JAN 12/13 - 10/11 - 10/11

SOLTERWARN

SPAN

BT