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HOUS 2 BOU 090200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
09/0200Z OCTOBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
08/1440Z. LOCATIONS VALID AT 09 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0248 N12W77 168 0100 H 02 01 ALPHA

0253 S09W59 150 0010 A 01 01 ALPHA

0254 S01E24 067 0010 B 02 05 BETA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 09 OCT 0000Z.

NMBR LOCATION LO

0247 S16W80 171

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

247 1F 08/0231Z - 0255Z -

III. AREAS OF SPECIAL INTEREST-

NONE.

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HFUS 1 BOU 090600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 282A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 09 OCTOBER 1973

IA. DURING THE PAST 8 HOURS SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 253 (S10W62) HAS SHOWN SOME GROWTH BUT HAS BEEN INACTIVE. THE OTHER DISK REGIONS APPEAR STABLE.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT SEVEN HOURS. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN QUIET/

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 091300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 09 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY SUBFLARES REPORTED FROM REGION 253 (S09W63). NONE OF THE REPORTED FLARES ARE KNOWN TO HAVE BEEN ENERGETIC, ALTHOUGH BACKGROUND X-RAY FLUXES ROSE SLIGHTLY LATE YESTERDAY. SLOW GROWTH HAS BEEN REPORTED IN THE REGION, AND AN ARCH FILAMENT STRUCTURE IS APPARENT THERE. THE OTHER TWO REGIONS ON THE DISK ARE QUIET AND DECAYING.

IB. ONLY SUBFLARE ACTIVITY IS ANTICIPATED DURING THE FORECAST PERIOD. IT IS NOT EXPECTED TO BE ENERGETIC.

II. RETURN OF OLD ACTIVE REGION 226 IS EXPECTED LATE TODAY AT S09. THE REGION IS VISIBLE IN EUV, BUT IS NOT EXPECTED TO BE ACTIVE CURRENTLY.

III. EVENT PROBABILITIES 10 OCT - 12 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 80

PREDICTED 10 OCT - 12 OCT 80/78/77

90-DAY MEAN 09 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCT 05

ESTIMATED 08 OCT 06

PREDICTED 09 OCT - 11 OCT 08/08/08

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HFUS 1 BOU 091300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 2826

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 09 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY SUBFLARES REPORTED FROM REGION 253 (S09W63). NONE OF THE REPORTED FLARES ARE KNOWN TO HAVE BEEN ENERGETIC, ALTHOUGH BACKGROUND X-RAY FLUXES ROSE SLIGHTLY LATE YESTERDAY. SLOW GROWTH HAS BEEN REPORTED IN THE REGION, AND AN ARCH FILAMENT STRUCTURE IS APPARENT THERE. THE OTHER TWO REGIONS ON THE DISK ARE QUIET AND DECAYING.

IB. ONLY SUBFLARE ACTIVITY IS ANTICIPATED DURING THE FORECAST PERIOD. IT IS NOT EXPECTED TO BE ENERGETIC.

II. RETURN OF OLD ACTIVE REGION 226 IS EXPECTED LATE TODAY AT S09. THE REGION IS VISIBLE IN EUV, BUT IS NOT EXPECTED TO BE ACTIVE CURRENTLY.

III. EVENT PROBABILITIES 10 OCT - 12 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 80

PREDICTED 10 OCT - 12 OCT 80/78/77

90-DAY MEAN 09 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCT 05

ESTIMATED 08 OCT 06

PREDICTED 09 OCT - 11 OCT 08/08/08

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 282

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 09 OCTOBER 1973.

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. FLARE ACTIVITY TODAY HAS BEEN LIMITED TO SEVERAL SUBFLARES IN REGION 253 (S10W72). THE REGION HAS NOT SHOWN SIGNIFICANT DEVELOPMENT OR INTENSIFICATION. REGION 248 (N11W91) IS DEPARTING OVER WEST LIMB. REGION 254 (S01E12) REMAINS SMALL AND UNIMPRESSIVE. RETURNING REGION 226 MAY BEGIN TO SHOW ON THE EAST LIMB TOMORROW, BUT IT IS NOT EXPECTED TO BE VERY ACTIVE.

IB. SOLAR ACTIVITY WILL LIKELY CONTINUE TO BE VERY LOW, WITH ONLY INFREQUENT NON-ENERGETIC SUBFLARE ACTIVITY. THE VISIBLE DISK LACKS A REGION OF SUFFICIENT POTENTIAL TO PRODUCE AN ENERGETIC FLARE (THOUGH A SLIGHT POSSIBILITY EXISTS FOR THE NEXT COUPLE OF DAYS FOR SUCH AN EVENT FROM BEHIND WEST LIMB).

II. THE GEOMAGNETIC FIELD IS QUIET, AND IS EXPECTED TO REMAIN SO THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 OCT - 12 OCT.

CLASS M 08/06/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 09 OCT 79

PREDICTED 10 OCT - 12 OCT 77/76/75

90-DAY MEAN 09 OCT 91

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 08 OCT 07

ESTIMATED 09 OCT 04

PREDICTED 10 OCT - 12 OCT 06/06/04

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