City Gets Rare Look at Northern Lights

By J.V. Reistrup Washington Post Staff Writer The Washington Post, Times Herald (1959-1973); May 27, 1967; ProQuest Historical Newspapers The Washington Post (1877) pg. B3

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By J. V. Reistrup Post Staff Writer Washingtonians who staved up late enough Thursday night got a rare reward if they happened to look up: they could see the Northern Lights.

And since scientists of the Naval Research Laboratory knew the view of the aurora borealis was coming, they managed to get some television tapes of the event, caused face of the sun.

According to Grady Hicks. who ran the experiment from a field station near Waldorf. Md., the predominantly red aurora showed up in a fan near the northern horizon.

he said, giving the effect of said. moving draperies of light.

tween midnight and 4 a.m. Friday, Hicks said. At about 1:15 a.m. it was bright enough to be visible from Washington itself—despite the brightness of the city's own lights.

The aurora was visible be-

stage of a series of events that started on the sun earlier this week, according Naval Research Laboratory.

the sun's magnetic field like a streamer," he said.

Rays rippled across the sky, burst of X-rays," Friedman ticles.

at the speed of light, took very low levels of light and only about eight minutes to were ready when the aurora cross the 93 million miles to appeared. the atmosphere of the earth The aurora was brighter to

where they were detected by the north, and Washington a Solrad satellite that has was probably about as far The aurora was the final and a half ago. to Herbert Friedman of the much more slowly-it took said. His recollection is that about a day to get here. Solar flares come when a

by a large flare on the sur- loop of gas held captive by oratory scientists knew it was 1958. coming, and because the en- The earth's magnetic field "opens up and stretches out ergy of the X rays had been is a shield against such solar

The X-rays, which travel camera that is sensitive to aurora australis.

been monitoring X-rays ever south as it could be seen with since it was launched a year the naked eye, although gas particles were detected as far The stream of gas traveled south as Florida, Friedman the last aurora visible this far But the Naval Research Lab- from the North Pole came in

very high they thought the events as Tuesday's flare. Un-Besides the outward stream gas probably would have less they have particularly of gas, the energy released by enough energy to make an high energy, Friedman said, this kind of solar flare takes aurora when it reached the the streams of charged gas shape, with the widest part the form of visible and ultra- earth's upper atmosphere and dent it only near the North violet light and a "great interacted with charged par- and South Poles, which is why they are the focal point of They had set up a television the aurora borealis and the

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