

## C-7 Report on Collection Conditions

The USGS Lidar Base Specification Version 2.1 states: "Atmospheric conditions shall be cloud and fog free between the aircraft and ground during all collection operations. Ground conditions will be snow free. Very light, undrifted snow may be acceptable with prior approval. Ground conditions shall be free of extensive flooding or any other type of inundation. Leaf-off vegetation conditions are preferred. Penetration to the ground shall be adequate to produce an accurate and reliable bare-earth surface for the prescribed QL. Collections planned for leaf-on collections shall be approved by the USGS-NGP/3DEP prior to issuance of a task order or contract."

*Note: Not all collection condition requirements can be checked with this reporting tool.*

The purpose of this section is to provide a hyperlink to a NOAA website that shows the snow depth map for the extent of the lidar at the time of collection.

### Ground Conditions:

Flight Date: 03/25/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=3&dd=25&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=3&dd=25&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 03/28/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=3&dd=28&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=3&dd=28&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 03/29/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=3&dd=29&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=3&dd=29&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/01/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=1&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=1&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

## *C-7 Report on Collection Conditions - Continued*

### Ground Conditions:

Flight Date: 04/02/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=2&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=2&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/03/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=3&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=3&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/04/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=4&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=4&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/05/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=5&dh=22&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.613487727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.613487727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=5&dh=22&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.613487727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

## *C-7 Report on Collection Conditions - Continued*

### Ground Conditions:

Flight Date: 04/08/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=8&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.6134877727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=8&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.6134877727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/10/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=10&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.6134877727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=10&dh=17&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.6134877727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)

Flight Date: 04/14/2021

[http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm\\_depth&dy=2021&dm=4&dd=14&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min\\_x=-101.855313970137&min\\_y=42.3708358397707&max\\_x=-99.7331360638375&max\\_y=42.8561397056458&coord\\_x=-100.794225016987&coord\\_y=42.6134877727083&zbox\\_n=&zbox\\_s=&zbox\\_e=&zbox\\_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h\\_o=0&font=0&js=1&uc=0](http://www.nohrsc.noaa.gov/interactive/html/map.html?mode=pan&extents=us&zoom=&loc=42.6134877727083+N%2C+100.794225016987+W&ql=station&var=ssm_depth&dy=2021&dm=4&dd=14&dh=23&snap=1&o5=1&o6=1&o11=1&o9=1&o13=1&lbl=m&o7=1&min_x=-101.855313970137&min_y=42.3708358397707&max_x=-99.7331360638375&max_y=42.8561397056458&coord_x=-100.794225016987&coord_y=42.6134877727083&zbox_n=&zbox_s=&zbox_e=&zbox_w=&metric=0&bgvar=dem&shdvar=shading&width=800&height=450&nw=800&nh=450&h_o=0&font=0&js=1&uc=0)