Original:

1. **Please rank the following in order of importance to you – according to the most important improvements you would like to see in thermal band resolution.** *Based on your preference, rank the importance of improvement to spatial resolution, spectral resolution, and temporal resolution from 1 to 3 where 1 is most important to you and 3 is least important to you.*

\_\_\_ Spatial resolution

\_\_\_ Spectral resolution

\_\_\_ Temporal resolution

New Request:

**Q18\_A. Please rank future Landsat improvements in order of importance to you.** *Based on your preference, rank from 1 to 5 where 1 is most important to you and 5 is least important to you.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Reflective Band Spatial Resolution
 | * Reflective Band Spectral Resolution
 | * Temporal Revisit Rate
 | * Thermal Spatial Resolution
 | * Thermal Spectral Resolution
 |

**Q18\_B. Please explain why you selected your ranking order for improvements in future Landsat.** *Please explain in text box below.*

Original Question about Frequency:

1. **During the past 12 months, on average, approximately how many days elapsed between obtaining usable Landsat thermal imagery to derive the main observable for your primary application?**Depending on the location and time of year, usable imagery may have been available 8 days, 16 days, 32 days, or longer. *Please enter number of days in the box below.*

Additional Content about Detection:

**CloudDetect Question. How important is the ability to detect cloud from Landsat to you? (i.e., scene-based cloud cover, pixel-based cloud identification)**

* Very important
* Somewhat important
* Slightly important
* Not at all important

Original:

46(b) In the event that Landsat imagery was no longer available, you may have to obtain imagery elsewhere. Think about preparing a budget for a new project or project proposal that involves downloading the usual number of images you currently use from Landsat on a typical project. What price per scene would still make your typical project or usual proposal viable? **If you had to pay for imagery that was equivalent to currently available Landsat imagery, would you pay $XXX for one scene covering the area equivalent to a Landsat scene?**

New Request:

The current and proposed federal budgets provide sufficient funding to maintain the current Landsat program, but not for building and launching the replacement to Landsat 8, namely Landsat 9. Landsat 9 is equivalent to Landsat 8 with a likely launch in 2021. The cost of building and launching Landsat 9 has increased in recent years. In order to provide funding for building and launching Landsat 9, a trust fund would be established. The per image download fee would provide money that would be used exclusively for the purpose of building and launching Landsat 9. If Landsat 9 is not built there may be no Landsat satellite images after Landsat 8 becomes inoperable, sometime during the 2023 time period. **Would you pay $XXX per image into this trust fund for building and launching Landsat 9, and replacing Landsat 8?**