

Original:

18. 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.*

- | | | | | |
|---|---|---|---|--|
| <input type="checkbox"/> Reflective
Band Spatial
Resolution | <input type="checkbox"/> Reflective
Band
Spectral
Resolution | <input type="checkbox"/> Temporal
Revisit Rate | <input type="checkbox"/> Thermal
Spatial
Resolution | <input type="checkbox"/> 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:

19. 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?**