

1. **Dataset Title** - PhenoCam Half-hourly Imagery for US-WCr (willowcreek) and US-Los (lostcreek)
2. **Dataset Author(s)** -
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3. **Time of Interest** - 2019/06/01 00:00:00 to 2019/10/31 23:59:00
4. **Area of Interest** -
 - willowcreek (US-WCr) 45.8060, -90.0798
 - lostcreek (US-Los) 46.0827, -89.9792
 - box: 45.8060, -90.0798; 46.0827, -90.0798; 46.0827, -89.9792; 45.8060, -89.9792
5. **Data Frequency** - Frequency of data collection (5 minute, hourly, continuous, etc.).
 - half-hourly
6. **Data Spatial Type** -
 - imagedata_ir and imagedata_visible: *video*
 - roi_stats: *textTable*
7. **General Dataset Description** - Half-hourly visible and infrared digital camera imagery and derived phenological statistics from the Ameriflux PhenoCam sites US-Wcr (willowcreek) and US-Los (lostcreek) as downloaded and subsetted from the PhenoCam Network database at: <https://phenocam.sr.unh.edu/webcam/> . These cameras are mounted above canopy, pointed northward, on eddy covariance flux towers, to capture vegetation greenness and activity
8. **File Names** - all files located in imagedata_ir/ imagedata_visible/ and roi_stats/ at <http://co2.aos.wisc.edu/data/CHEESEHEAD-incoming/phenocam/> (zip versions available in zip/). These data are now available from the NCAR/EOL CHEESEHEAD Data Archive.
9. **Data restrictions** - no restrictions. Please see the [CHEESEHEAD Data Policy](#).
10. **Digital Object Identifier (DOI)** – <https://doi.org/10.26023/JJ49-YFDZ-880D>

11. GCMD Keywords -

- WISCONSIN
- In Situ Land-based Platforms
- Ameriflux
- PLANT PHENOLOGY
- 1 minute - < 1 hour

12. Publications (*Optional*) -

- Seyednasrollah, B., A.M. Young, K. Hufkens, T. Milliman, M.A. Friedl, S. Froking, A.D. Richardson, M. Abraha, D.W. Allen, M. Apple, M.A. Arain, J. Baker, J.M. Baker, C.J. Bernacchi, J. Bhattacharjee, P. Blanken, D.D. Bosch, R. Boughton, E.H. Boughton, R.F. Brown, D.M. Browning, N. Brunzell, S.P. Burns, M. Cavagna, H. Chu, P.E. Clark, B.J. Conrad, E. Cremonese, D. Debinski, A.R. Desai, R. Diaz-Delgado, L. Duchesne, A.L. Dunn, D.M. Eissenstat, T. El-Madany, D.S.S. Ellum, S.M. Ernest, A. Esposito, L. Fenstermaker, L.B. Flanagan, B. Forsythe, J. Gallagher, D. Gianelle, T. Griffis, P. Groffman, L. Gu, J. Guillemot, M. Halpin, P.J. Hanson, D. Hemming, A.A. Hove, E.R. Humphreys, A. Jaimes-Hernandez, A.A. Jaradat, J. Johnson, E. Keel, V.R. Kelly, J.W. Kirchner, P.B. Kirchner, M. Knapp, M. Krassovski, O. Langvall, G. Lanthier, G.I. Maire, E. Magliulo, T.A. Martin, B. McNeil, G.A. Meyer, M. Migliavacca, B.P. Mohanty, C.E. Moore, R. Mudd, J.W. Munger, Z.E. Murrell, Z. Nesic, H.S. Neufeld, T.L. O'Halloran, W. Oechel, A.C. Oishi, W.W. Oswald, T.D. Perkins, M.L. Reba, B. Rundquist, B.R. Runkle, E.S. Russell, E.J. Sadler, A. Saha, N.Z. Saliendra, L. Schmalbeck, M.D. Schwartz, R.L. Scott, E.M. Smith, O. Sonnentag, P. Stoy, S. Strachan, K. Suvocarev, J.E. Thom, R.Q. Thomas, A.K. Van den berg, R. Vargas, C.S. Vogel, J.J. Walker, N. Webb, P. Wetzler, S. Weyers, A.V. Whipple, T.G. Whitham, G. Wohlfahrt, J.D. Wood, S. Wolf, J. Yang, X. Yang, G. Yenni, Y. Zhang, Q. Zhang, and D. Zona. 2019. PhenoCam Dataset v2.0: Vegetation Phenology from Digital Camera Imagery, 2000-2018. ORNL DAAC, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLDAAC/1674>