**WERA102: Climate Data and Analyses for Applications in**

**Agriculture and Natural Resources**

Publications

October 1, 2019 – September 30, 2020

Crimmins, T.M., Crimmins, M.A., 2019. Biologically-Relevant Trends in Springtime Temperatures Across the United States. Geophysical Research Letters n/a. https://doi.org/10.1029/2019GL085251

Crimmins, M. A., & Crimmins, T. M., 2019. Does an early spring indicate an early summer? Relationships between intraseasonal growing degree day thresholds. Journal of Geophysical Research: Biogeosciences, 124. https://doi.org/10.1029/2019JG005297

Hatchett B. et al, (2020) “Observations of an Extreme Atmospheric River Storm with a Diverse Sensor Network”, Earth and Space Science, DOI: 10.1029/2020EA001129.

Lynn, E. et al, (2020) Technical note: Precipitation phase partitioning at landscape-to-regional scales, DOI: 10.5194/hess-2020-122.

Meadow AM, LeRoy S, Weiss J, Keith L (2020) Climate Profile for the Verde Valley, Arizona, Climate Assessment for the Southwest (CLIMAS), University of Arizona, 52pp.

Meadow AM, Weiss J, LeRoy S, Keith L, Hausam S, Nasser E, Petersen S, Basaraba A, Russell N (2019) Climate Profile for the Pueblo of Laguna, University of Arizona – Institute of the Environment, 36pp.

Ralph, F. M. et al, (2020), Atmospheric Rivers, DOI: 10.1007/978-3-030-28906-5\_8.

Smarik, S. G., Aney, S., Boes, A., Brown, D., DuBois, D. W., Edwards, B., Elias, E., Eve, M., Steele, R., Webb, N., Wilson, M., Zwicke, G. (2019). Dust Mitigation Handbook. Washington, DC: U.S. Department of Agriculture. <https://dust.swclimatehub.info/>

Smith, A.B. + others. 2019. Ecoregional context, genetic affinity and within-species variation in response to climate. *Nature Climate Change*, 9(10), DOI: 10.1038/s41558-019-0584-8

Wasley E, Jacobs K, Weiss J (2020) Mapping Climate Exposure and Climate Information Needs to Water Utility Business Functions Appendix E: Water Utility Business Risk and Opportunity Profiles, The Water Research Foundation, 53pp.

Wasley E, Jacobs K, Weiss J, Preston N (2020) Executive Summary, Mapping Climate Exposure and Climate Information Needs to Water Utility Business Functions [project 4729], The Water Research Foundation, 10pp.

Wasley E, Jacobs K, Weiss J, Richmond M (2020) Water Utility Business Risk and Opportunity Framework: A Guidebook for Water Utility Business Function Leaders in a Changing Climate, The Water Research Foundation, 24pp.

Weiss J (2020) Exploratory Analysis of Spinach and Temperature Data for Duncan Family Farms, University of Arizona Cooperative Extension, 6pp.

Weiss J (2020) Initial Modeling of Sulfur Application Timing for Powdery Mildew at Buhl Memorial Vineyard, 2017-2020, University of Arizona Cooperative Extension, 3pp.

Weiss J, Crimmins M, Broxton P, Hartfield K, van Leeuwen W, Marsh S (2019) “inView: Integration of DroughtView and SnowView for Extension”. Society for Ecological Restoration – Southwest Chapter 2019 Annual Conference, Tucson AZ. Poster presentation.

Weiss J, Roudaut MB (2019) Vine Bud Break at Merkin Vineyards, 2016-2019, Climate Assessment for the Southwest (CLIMAS), University of Arizona, 1pp.

Weiss J, Roudaut MB (2020) Bud Break at Buhl Memorial Vineyard, 2016-2020, Climate Assessment for the Southwest (CLIMAS), University of Arizona, 3pp.

Weiss J, Roudaut MB Climate Viticulture Newsletter – April 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-april.

Weiss J, Roudaut MB Climate Viticulture Newsletter – August 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-august.

Weiss J, Roudaut MB Climate Viticulture Newsletter – December 2019 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2019-december.

Weiss J, Roudaut MB Climate Viticulture Newsletter – February 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-february.

Weiss J, Roudaut MB Climate Viticulture Newsletter – January 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-january.

Weiss J, Roudaut MB Climate Viticulture Newsletter – July 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/content/ climate- viticulture-newsletter-2020-july.

Weiss J, Roudaut MB Climate Viticulture Newsletter – June 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/content/ climate- viticulture-newsletter-2020-june.

Weiss J, Roudaut MB Climate Viticulture Newsletter – March 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-march.

Weiss J, Roudaut MB Climate Viticulture Newsletter – March 2020 Special Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-march-special-issue.

Weiss J, Roudaut MB Climate Viticulture Newsletter – May 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/content/ climate- viticulture-newsletter-2020-may.

Weiss J, Roudaut MB Climate Viticulture Newsletter – September 2020 Issue, University of Arizona Cooperative Extension, cals.arizona.edu/research/climategem/ content/climate- viticulture-newsletter-2020-september.