Appendix C

Figures Package for September Event
September Event | Sept 1, 2021; Sept 3-10, 2021; and Sept 15, 2021

Table 5. September Event Details (IT & RT)

Date	24-Hour Avg. PM2.5 (µg/m3) EPA # 41-035-0004, POC 1			Flag
	FEM	FRM	NEPH	
9/1/2021	**55.0**	**55.3**	**62.7**	**RT**
9/2/2021	31.5		35.8	IT
9/3/2021	**38.8**	**-**	**44.7**	**RT**
9/4/2021	**77.8**	**-**	**89.5**	**RT**
9/5/2021	**86.3**	**-**	**98.9**	**RT**
9/6/2021	**55.9**	**-**	**65.3**	**RT**
9/7/2021	**50.2**	**52.3**	**57.2**	**RT**
9/8/2021	**71.1**	**-**	**80.1**	**RT**
9/9/2021	**80.2**	**-**	**92.7**	**RT**
9/10/2021	**43.0**	**-**	**51.3**	**RT**
9/11/2021	29.3		34.0	IT
9/12/2021	25.3		30.5	IT
9/15/2021	**37.9**	**-**	**41.9**	**RT**
9/16/2021	25.1		27.7	IT
9/17/2021	29.5		33.0	IT

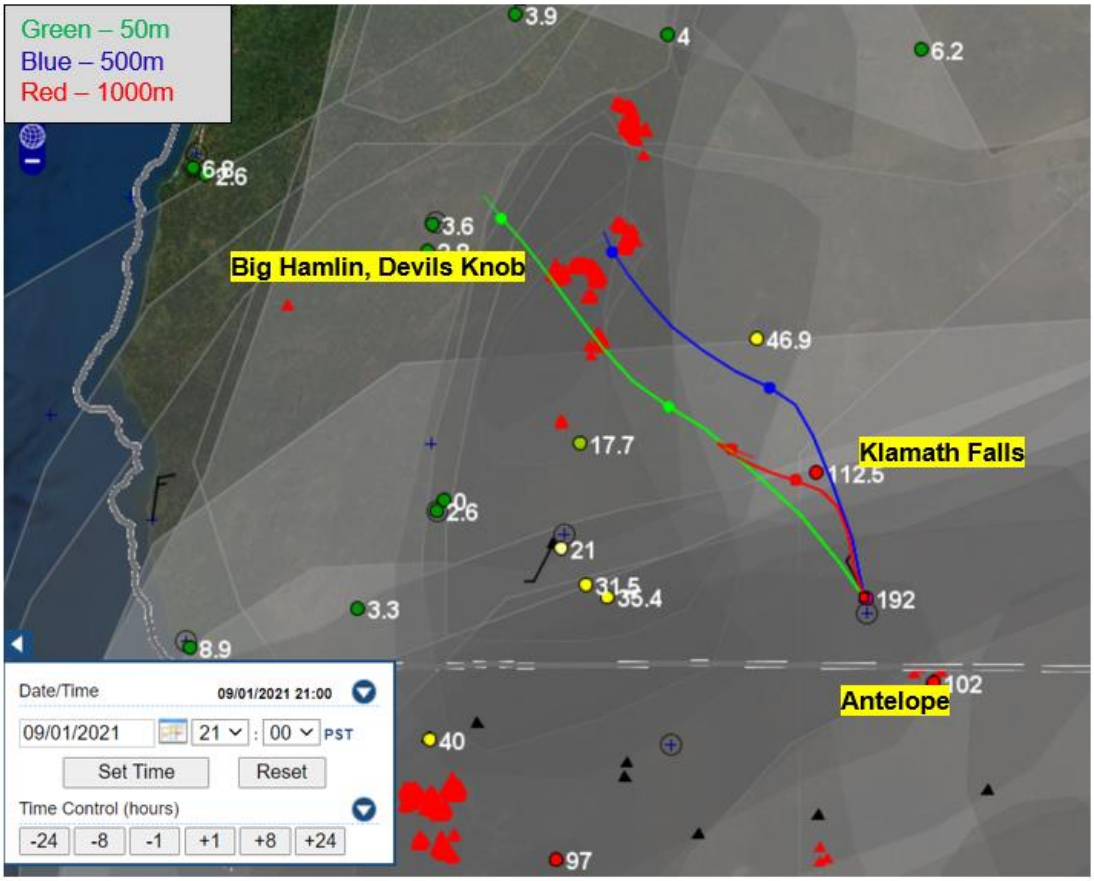


Figure 1. 9/1/21 12 hour back trajectory.

Figure 2. 9/1/21 Satellite and AOD image

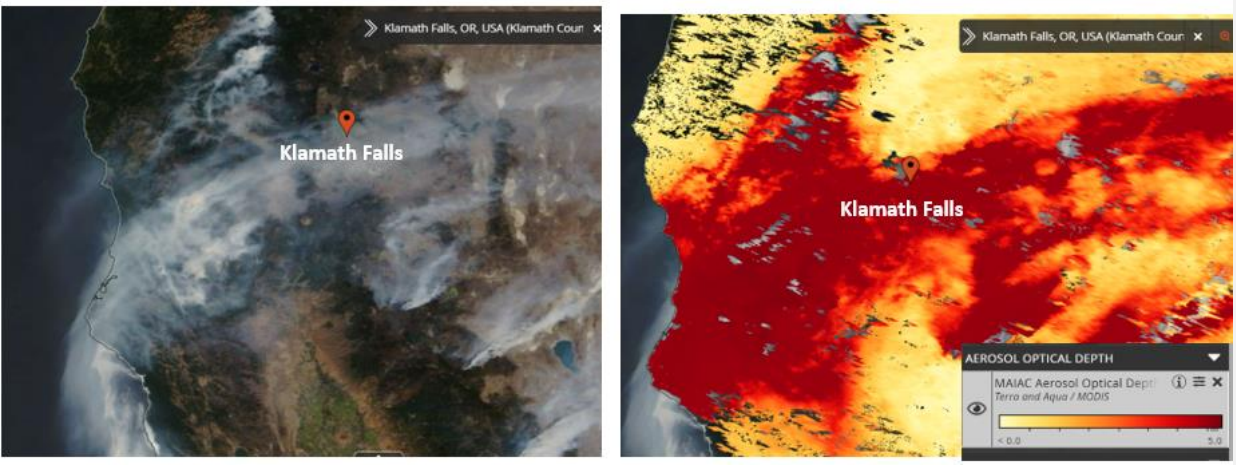


Figure 3. 9/2/21 12 hour back trajectory.

Commented [MM*D1]: Might consider updating the hysplit.

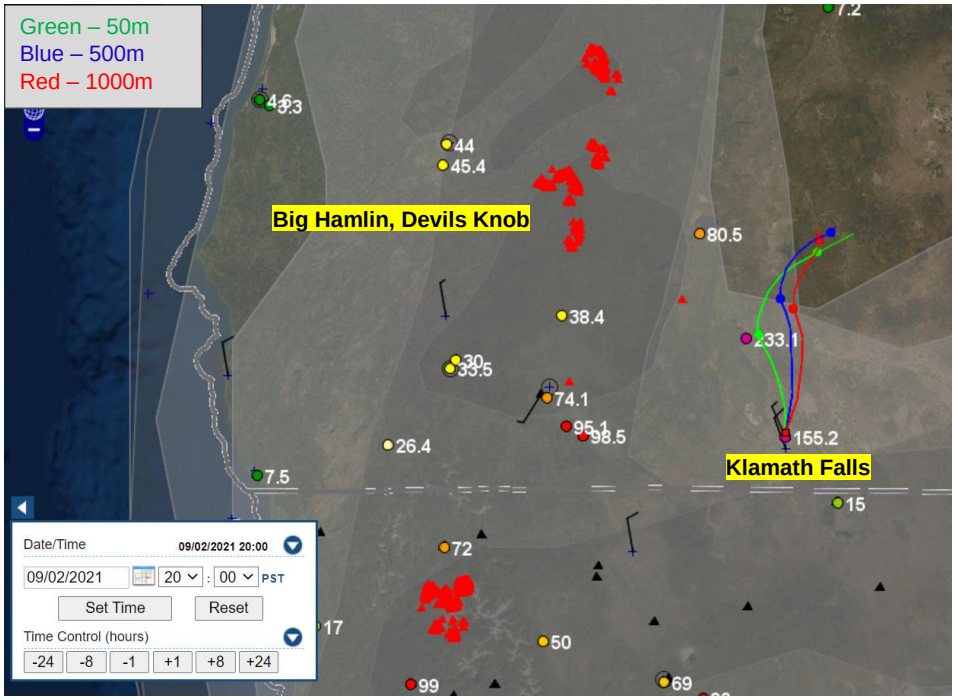


Figure 4. 9/2/21 Satellite and AOD image

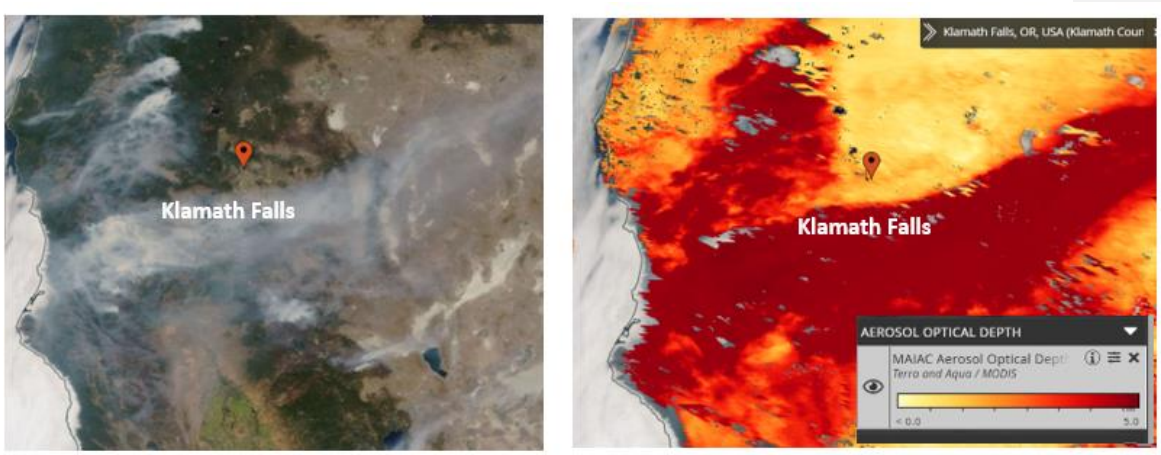


Figure 5. 9/3/21 12 hour back trajectory.

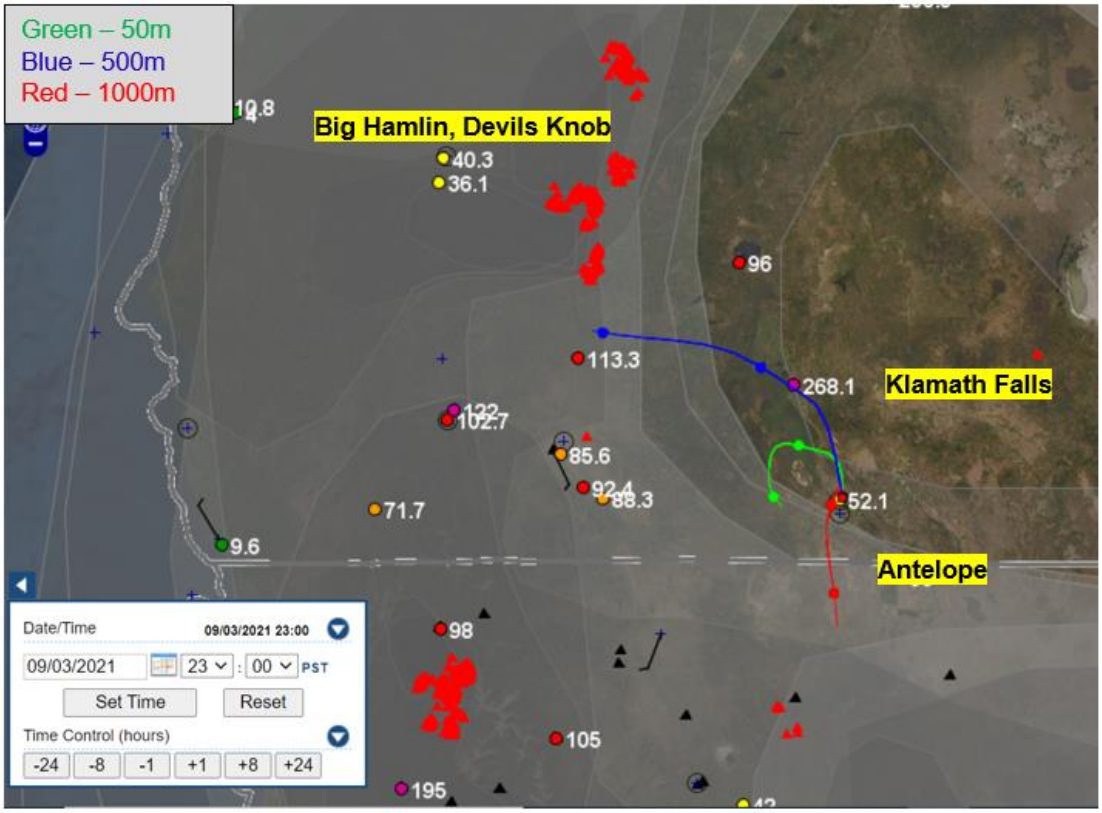


Figure 6. 9/3/21 Satellite and AOD image

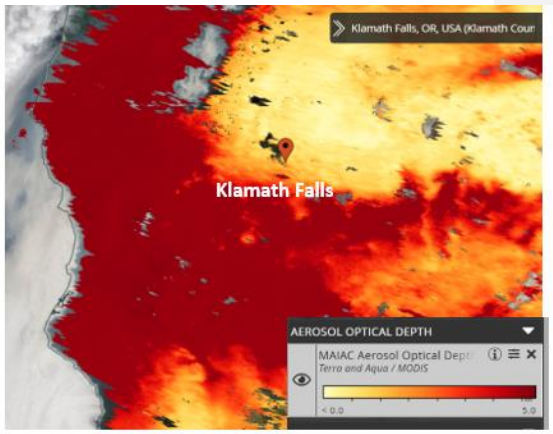


Figure 7. 9/4/21 12 hour back trajectory.

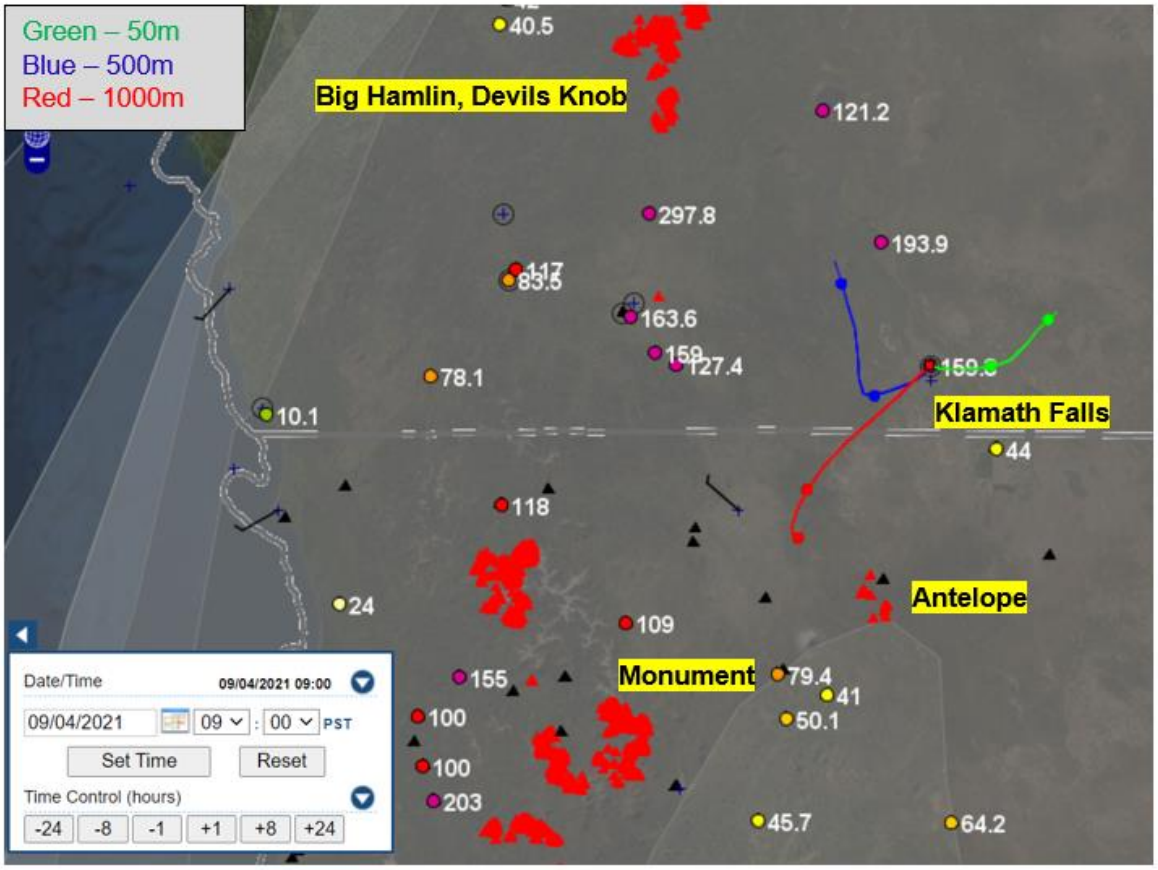


Figure 8. 9/4/21 Satellite and AOD image

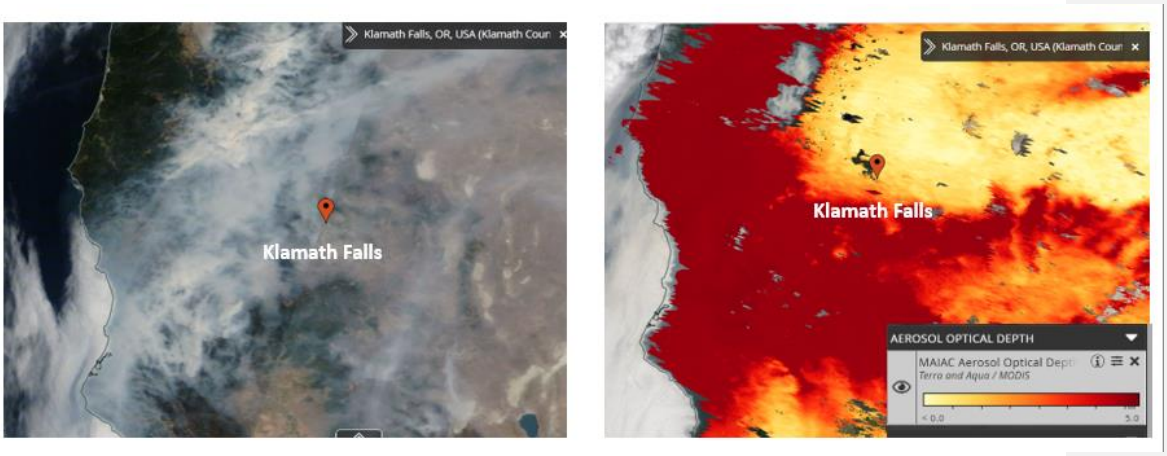


Figure 9. 9/5/21 12 hour back trajectory.

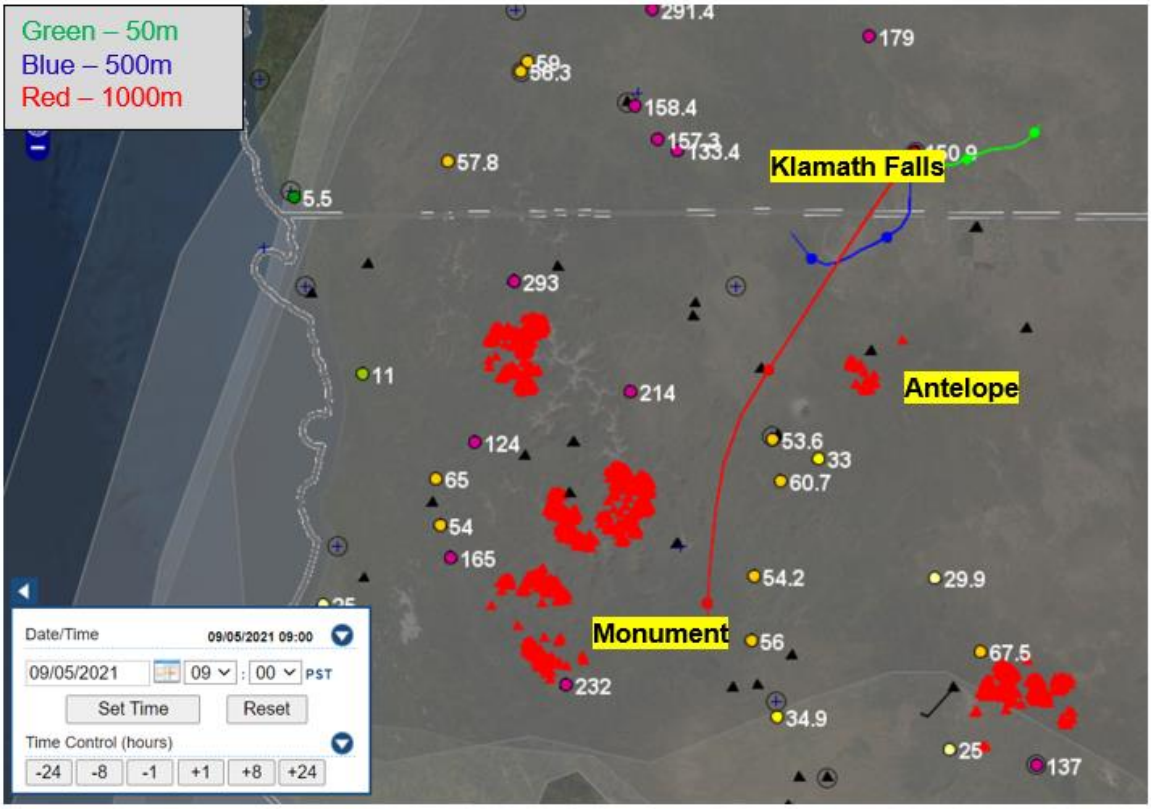
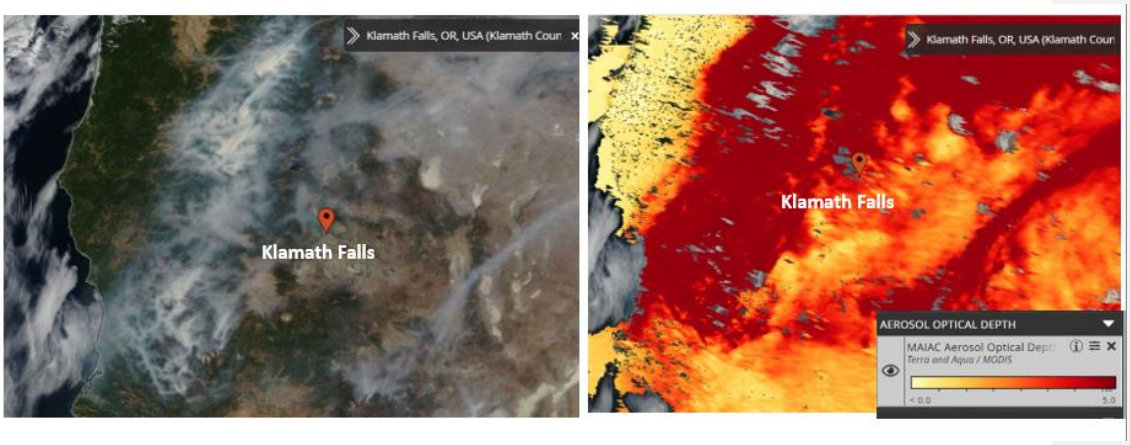


Figure 10. 9/5/21 Satellite and AOD image



11. 9/6/21 12 hour back trajectory.

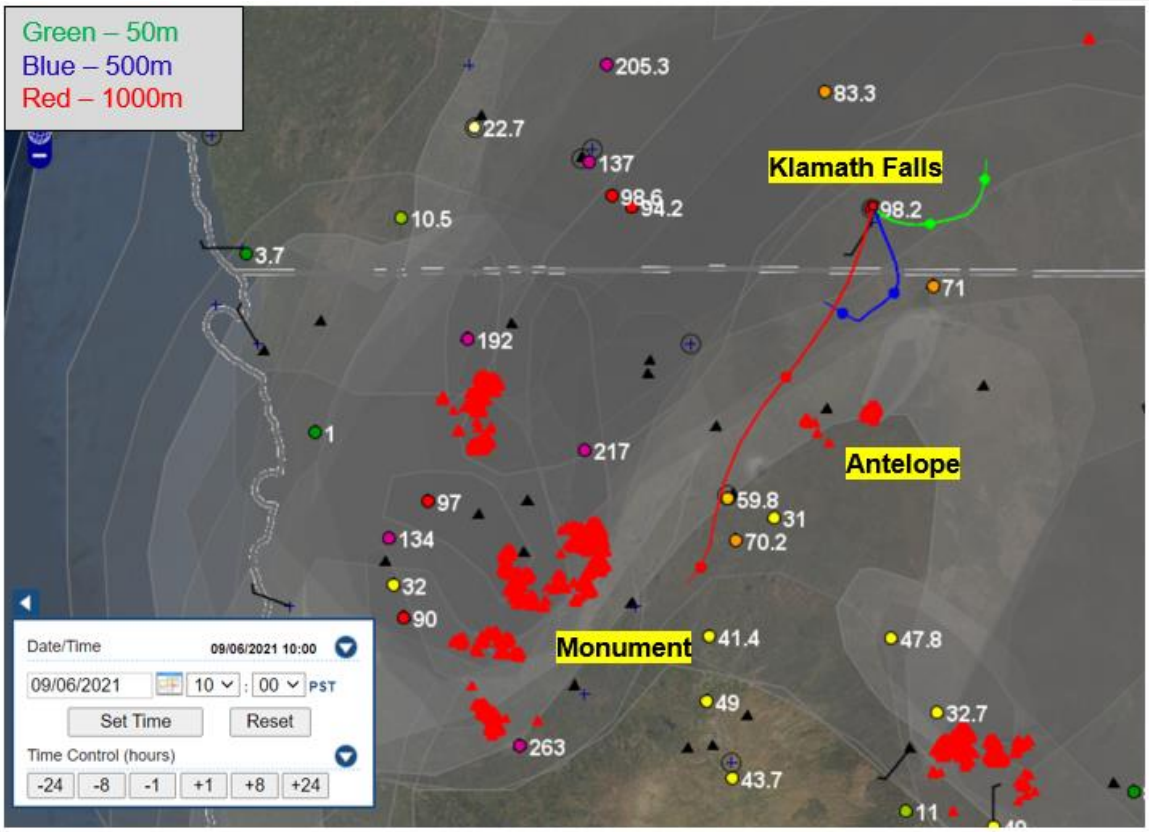
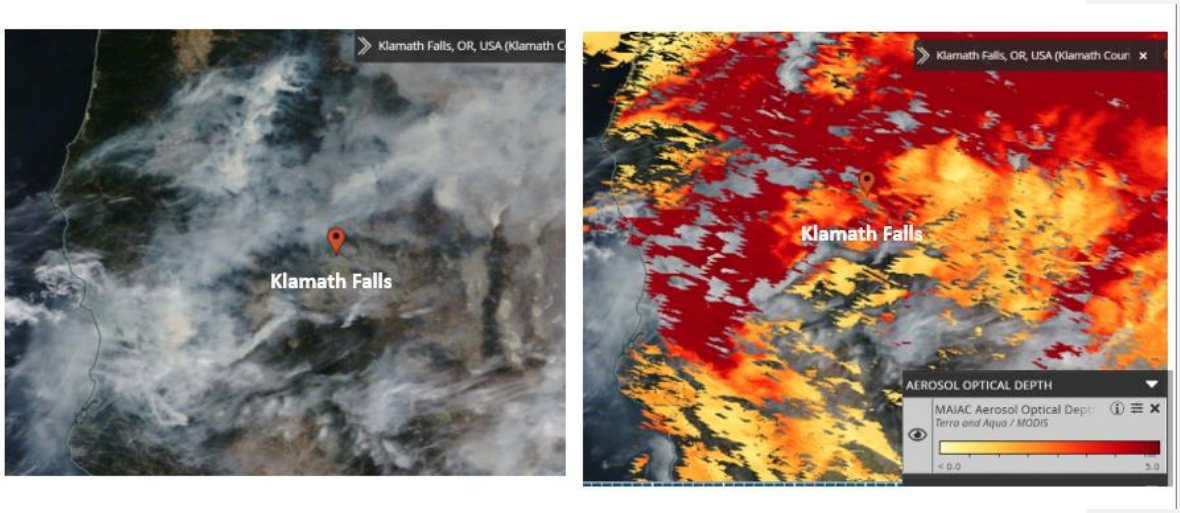


Figure 12. 9/6/21 Satellite and AOD image



13. 9/7/21 12 hour back trajectory.

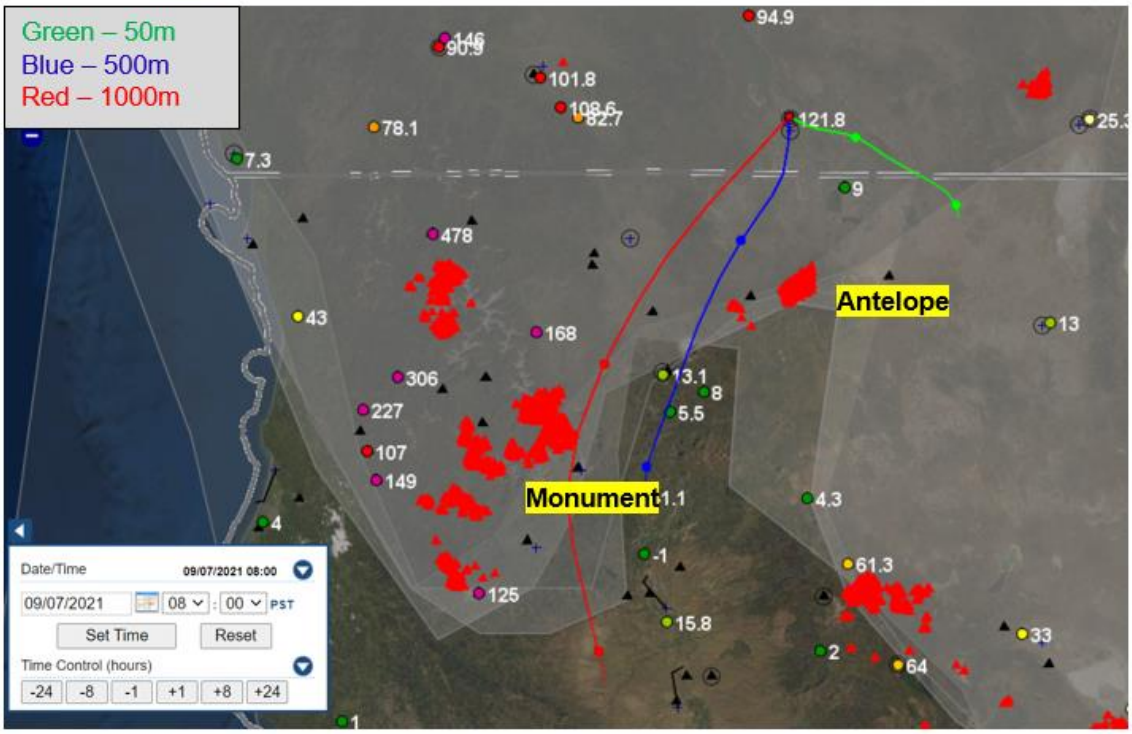
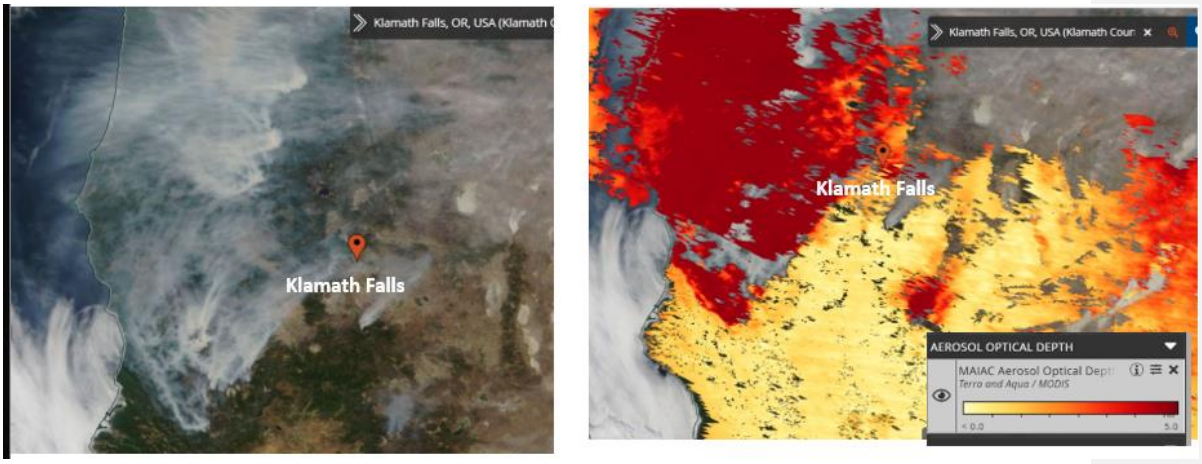


Figure 14. 9/7/21 Satellite and AOD image



15. 9/8/21 12 hour back trajectory.

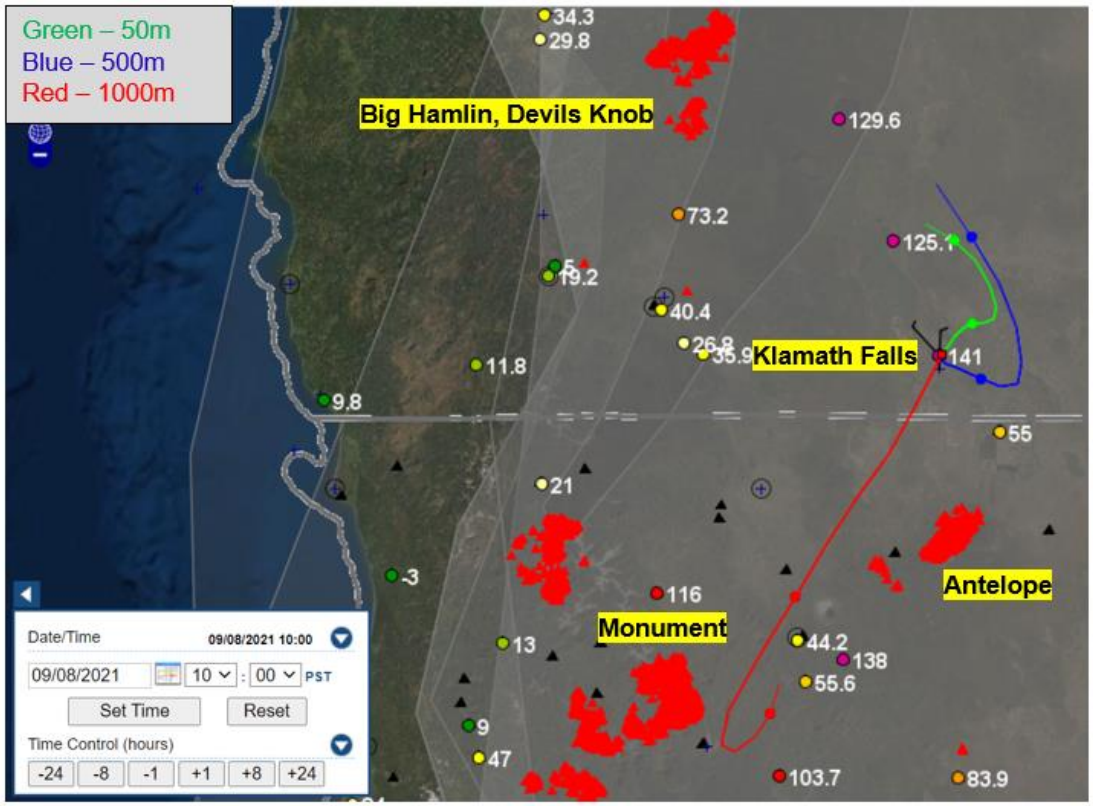
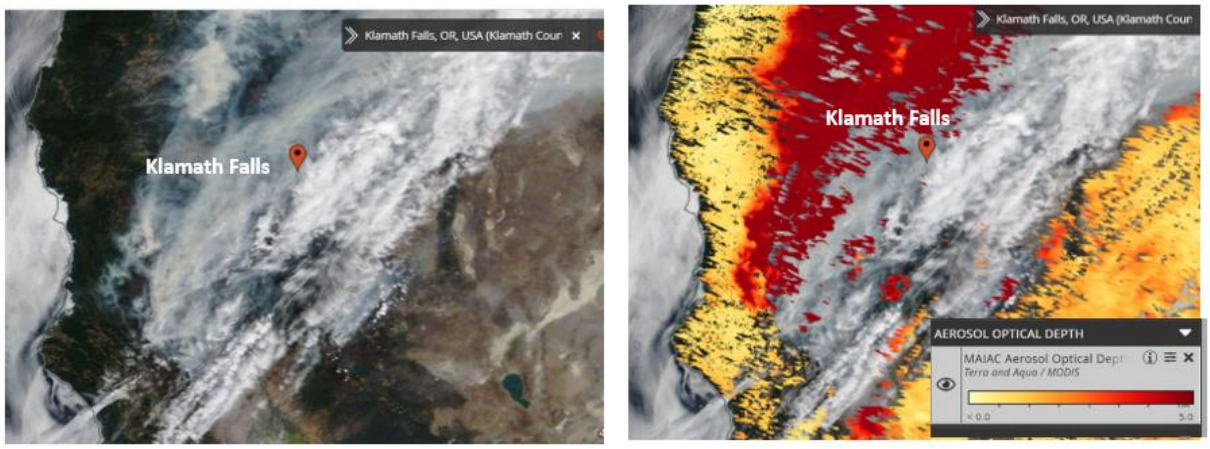


Figure 16. 9/8/21 Satellite and AOD image



17. 9/9/21 12 hour back trajectory.

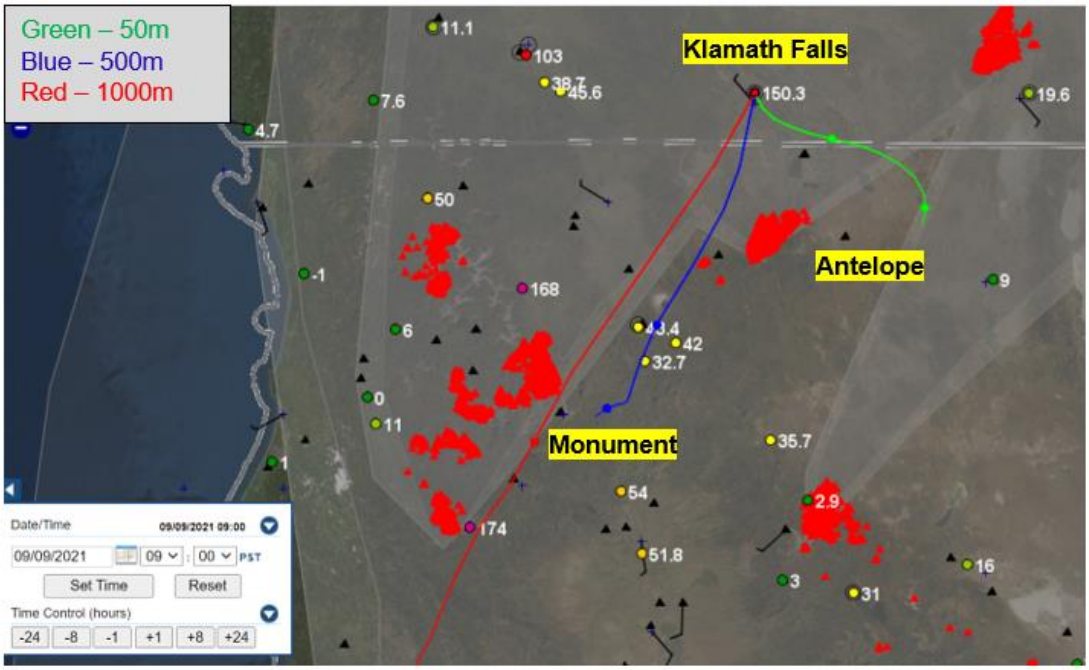
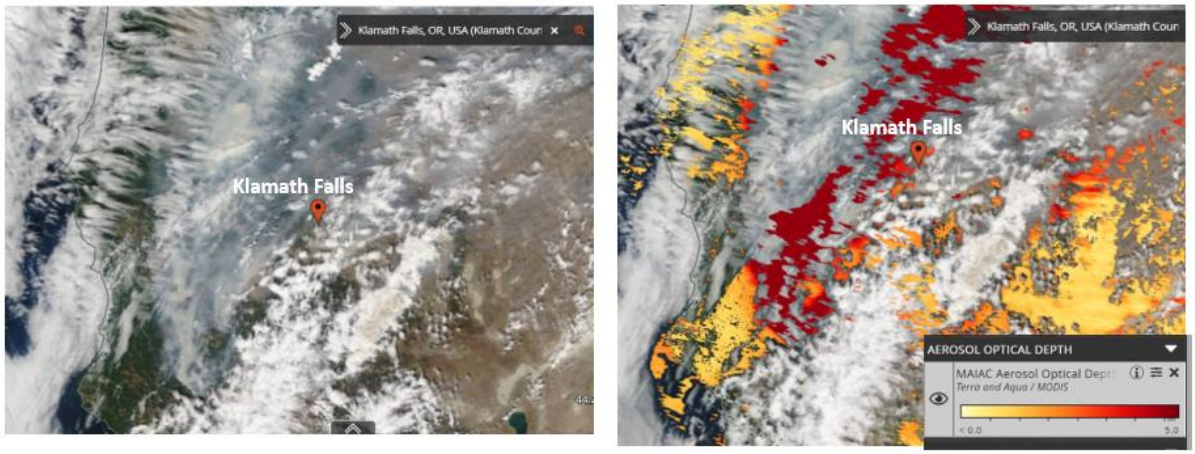


Figure 18. 9/9/21 Satellite and AOD image



19. 9/10/21 12 hour back trajectory.

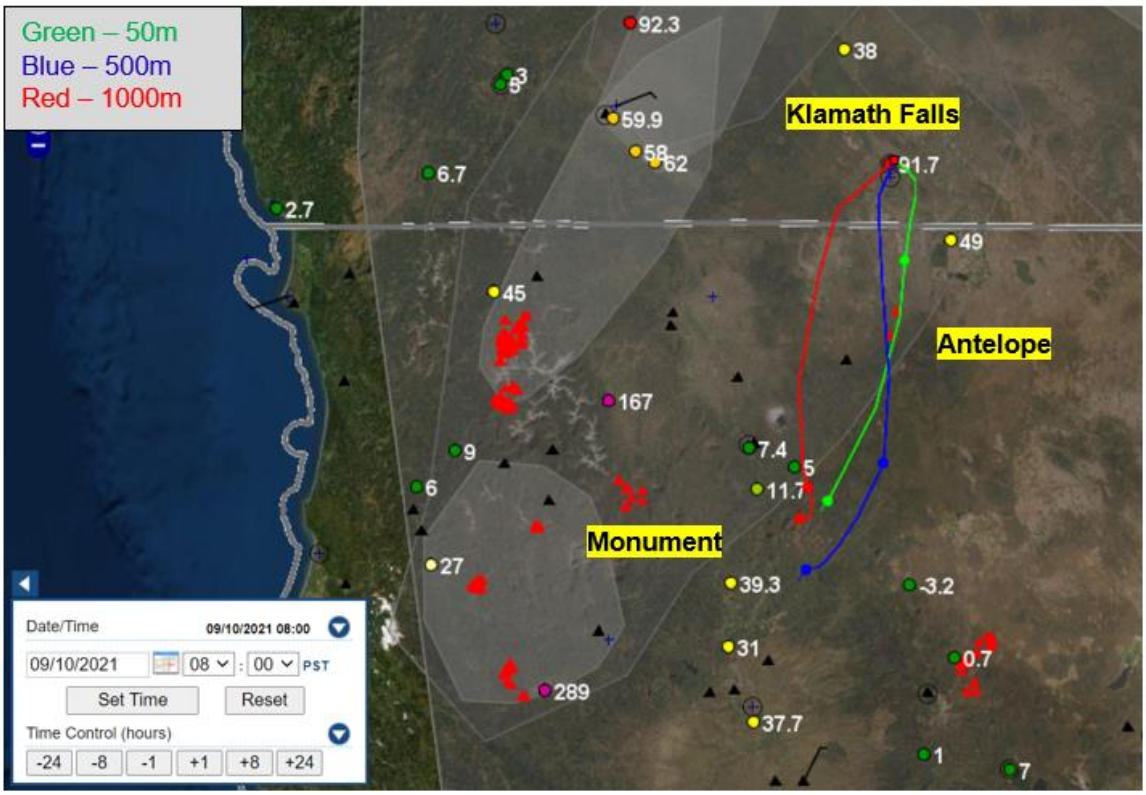
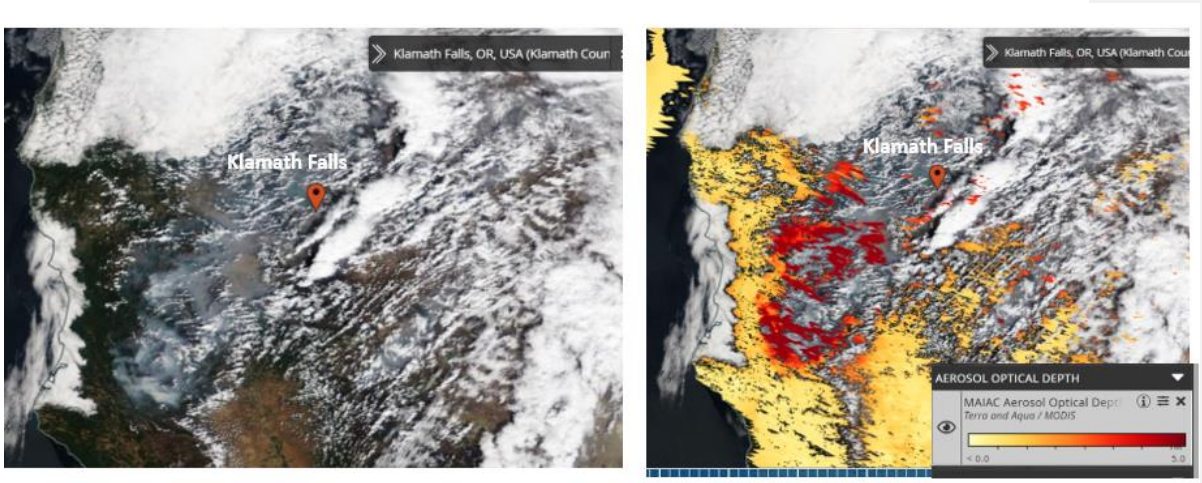


Figure 20. 9/10/21 Satellite and AOD image



21. 9/15/21 12 hour back trajectory.

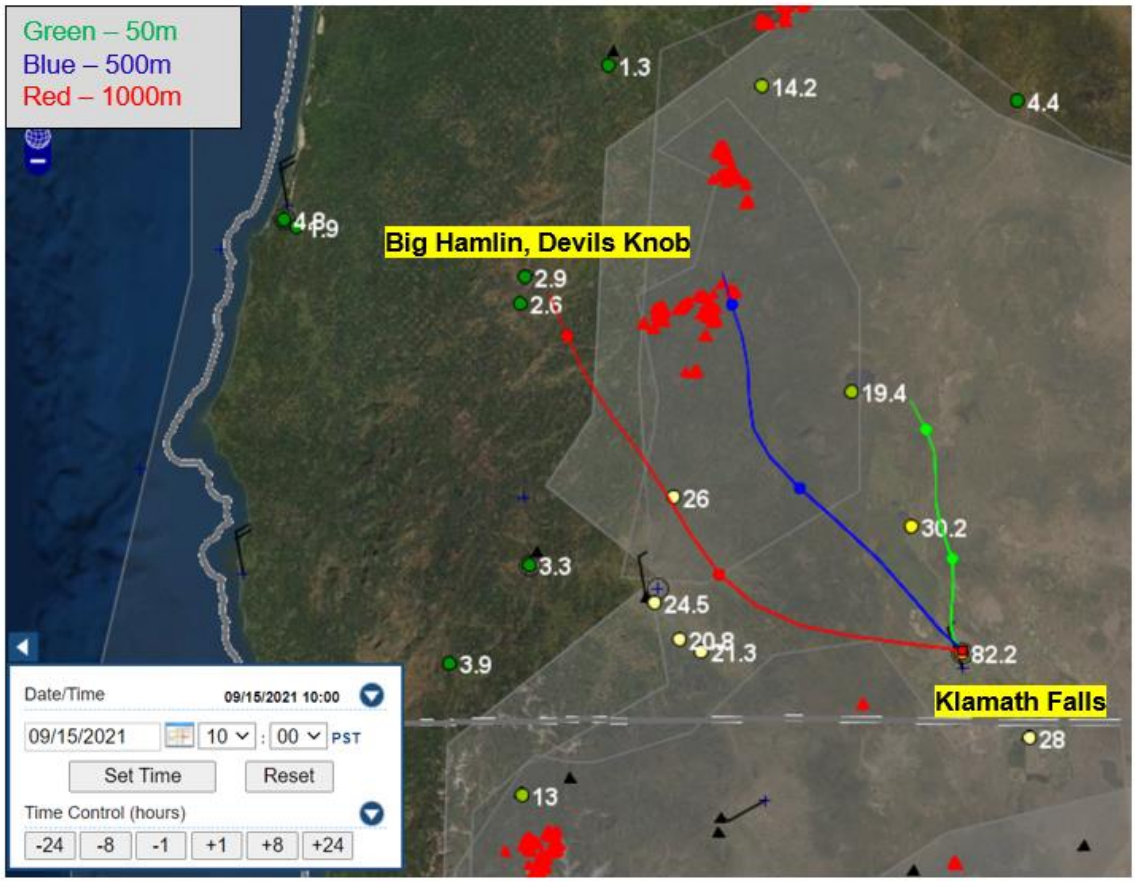
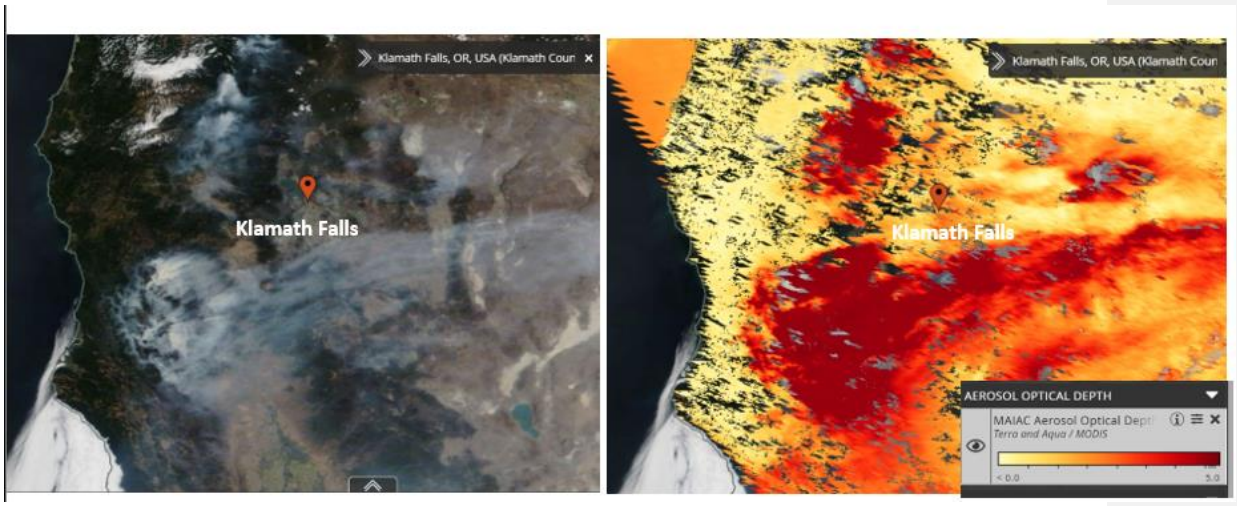



Figure 22. 9/15/21 Satellite and AOD image