ALLEGHENY COUNTY, PENNSYLVANIA

AIR DISPERSION CONDITIONS & OUTLOOK

This AM Sfc. Inv.: 1.4 °C, 278 m. Est Brk Time: 10 am. Upper Inversion(s)*: Yes ☐ / No. ☑

* Starting at ≤ ~1000 m.

Sfc. Inv. Characterization: None ☐ / Slight ☐ / Weak ☑ / Moderate ☐ / Strong ☐

Forecast Period	Dispersion Potential	Mixing Height (ft)	Transport Wind (dir,mph)	Ventilation Rate (mph-ft)	Wind (dir,mph)	Nite Wind (dir, mph)	Tomorrow Wind (dir,mph)	Tomorrow AM Sfc Inv Strength
TODAY	Good	6270	SW 29	181,830	SW 10-15	SW 10-15		
TMRW	Good	3290	SW 29	95,410			SW 15-20	None to Weak

Substantial Precip.: Not Expected ☐ / Begin AM ☐ / Begin PM ☐ / Begin Overnite ☑ / Begin Tmrw AM ☐ / Begin Tmrw PM ☐ / Continue thru: _____.

Remarks:

Gusty winds expected today and this evening. Chance for thunderstorms this afternoon and off and on through Saturday evening.

Data and forecasts provided by or based on National Weather Service (NWS) Fire Weather Planning Forecast and PIT NWS products, et al.

Prepared by: Tony Sadar. **Date:** May 3, 2018 Thursday. **Time:** 8:25 am.

ALLEGHENY COUNTY HEALTH DEPARTMENT, AIR QUALITY PROGRAM, PITTSBURGH, PA

AJS, ACHD/AQP, Sep 2015