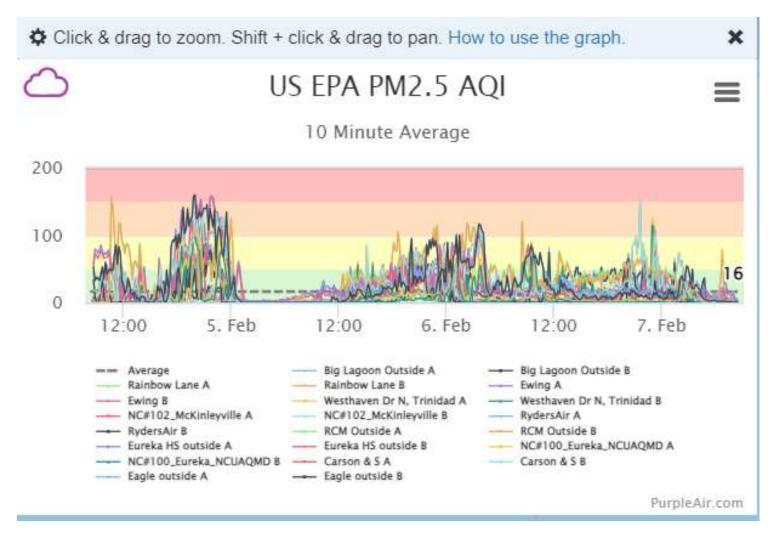
Episode 56QK2 February 7, 2024. County Snapshot (Humboldt County, CA, partial). PM2.5 % and level in micrograms per cubic meter over 3 days using PurpleAir Data.

County Snapshot of Humboldt County, California. The total of 14 municipality monitors in Humboldt County, (only a partial sampling of PurpleAir monitors in Humboldt County) 1)from Eureka, 2)from Trinidad and 3)from Big Lagoon. All are on or near the Pacific Ocean Coast. PurpleAir PM2.5 monitor readings are averages over 3 days of particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. Wood burning emissions are 90% PM2.5, and wood burning emits 2.8 times the PM2.5 and C O 2 as the fossil fuel coal burning. Wood burning emits 450 times the PM2.5 as the fossil fuel natural gas burning. Many residents buy PurpleAir PM2.5 monitors to prove that as near neighbors of indoor residential wood burners, the wood burning emissions enter the near neighbors yards and sicken them, at levels above Environmental Protection Agency (EPA) National Ambient Air Quality Standards (NAAQS) which in 2023 were 12 micrograms per cubic meter annually and 35 micrograms per cubic meter in a 24 hour period. The highest average readings for Humboldt County, California PurpleAir monitors are 20 at RCM Outside. The lowest average readings is 6 micrograms per cubic meter at both Rainbow Lane and McKinleyville. An Excel sheet of all 10 minute readings in a 72 hour period can be downloaded from https://rawsepresidents.com at the County Snapshot tab. All 3 days of 10 minute individual PurpleAir PM2.5 readings for all 11 monitors are hidden on the Excel sheet but can be unhidden and viewed.



DateTime	Big Lagoon Outside A		Rainbow I A	ane	Ewing A	A	Westhaven Dr N Trinidad A	Ι,	NC# A	102_McKinley	/ille
Average					Ŭ						
PM2.5		11		6		13		8			6
<mark>%>= 12</mark>											
ug/m3	3	86%		12%		44%		19%		1	L0%
%>= 25											
ug/m3	1	L4%		5%		8%		8%			3%
%>= 35											
ug/m3		0%		3%		3%		4%			1%
%>= 45											
ug/m3		0%		0%		1%		2%			0%
%>= 55											
ug/m3		0%		0%		0%		1%			0%
%>= 65											
ug/m3		0%		0%		0%		0%			0%
%>= 75											
ug/m3		0%		0%		0%		0%			0%
<u> </u>	Big Lagoon		Rainbow I	ane			Westhaven Dr N	l,	NC#	102_McKinley	ville
	Outside A		А		Ewing A	A	Trinidad A		А	_ ,	
	CA, Humbol	dt	CA, Humb	oldt	CA, Hur	nboldt					
	County		County		County		CA, Humboldt C	ounty	CA,	Humboldt Cour	nty
# of											
monitor		1		2		3		4			5
		RCM	M Outside	Eurek	a HS	NC#100_Eur	eka_NCUAQMD	Carson		Eagle	
DateTime	RydersAir A	Α		outsic	de A	А		& S A	4	outside A	
Average											
PM2.5	8		20		17		8				
<mark>%>= 12</mark>							0		18	19	
ug/m3	21%						0		18	19	
%>= 25	21/0		63%		41%				18 50%	<u>19</u> 50%	
	21/0		63%		41%			5			
ug/m3	10%		<mark>63%</mark> 35%		41% 21%						
ug/m3 %>= 35							17%		50%	50%	
							17%	2	50%	50%	
%>= 35	10%		35%		21%		17% 9%	2	50% 26%	<u>50%</u> 26%	
%>= 35 ug/m3	10%		35%		21%		17% 9%	2	50% 26%	<u>50%</u> 26%	
%>= 35 ug/m3 %>= 45	10% 4%		35% 15%		21% 14%		17% 9% 5%	2	26% 16%	50% 26% 17%	
%>= 35 ug/m3 %>= 45 ug/m3	10% 4%		35% 15%		21% 14%		17% 9% 5%	2	26% 16%	50% 26% 17%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55	10% 4% 0%		35% 15% 8%		21% 14% 9%		17% 9% 5% 2%	2	26% 26% 16%	50% 26% 17% 12%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3	10% 4% 0%		35% 15% 8%		21% 14% 9%		17% 9% 5% 2%	2	26% 26% 16%	50% 26% 17% 12%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65	10% 4% 0%		35% 15% 8% 3%		21% 14% 9% 5%		17% 9% 5% 2% 1%	2	26% 26% 16% 10% 3%	50% 26% 17% 12% 6%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3	10% 4% 0%		35% 15% 8% 3%		21% 14% 9% 5%		17% 9% 5% 2% 1%	2	26% 26% 16% 10% 3%	50% 26% 17% 12% 6%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0%	RCM	35% 15% 8% 3% 1%	Eurek	21% 14% 9% 5% 3% 2%	NC#100_Eur	17% 9% 5% 2% 1% 0%	2	26% 26% 16% 10% 3% 1%	50% 26% 17% 12% 6% 4%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0%	RCM	35% 15% 8% 3% 1%	Eurek	21% 14% 9% 5% 3% 2% a HS	NC#100_Eur A	17% 9% 5% 2% 1% 0%	1	26% 26% 16% 3% 1% 0%	50% 26% 17% 12% 6% 4%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0% 0%		35% 15% 8% 3% 1% 0% M Outside		21% 14% 9% 5% 3% 2% a HS	_	17% 9% 5% 2% 1% 0%	Carson & S A CA,	26% 26% 16% 3% 1% 0%	50% 26% 17% 12% 6% 4% 20% Eagle	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0% 0% RydersAir A	A CA,	35% 15% 8% 3% 1% 0% M Outside	outsic	21% 14% 9% 5% 3% 2% a HS de A	_	17% 9% 5% 2% 1% 0%	Carson & S A	26% 26% 16% 3% 1% 0%	50% 26% 17% 12% 6% 4% 0% Eagle outside A	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0% 0% RydersAir A CA,	A CA, Hur	35% 15% 8% 3% 1% 0% M Outside	outsic CA,	21% 14% 9% 5% 3% 2% a HS de A	_	17% 9% 5% 2% 1% 0% 0% eka_NCUAQMD	Carson & S A CA,	26% 26% 16% 3% 1% 0%	50% 26% 17% 12% 6% 4% 6% 2% 6% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%	
%>= 35 ug/m3 %>= 45 ug/m3 %>= 55 ug/m3 %>= 65 ug/m3 %>= 75	10% 4% 0% 0% 0% RydersAir A CA, Humboldt	A CA, Hur	35% 15% 8% 3% 1% 0% M Outside	outsic CA, Humb	21% 14% 9% 5% 3% 2% a HS de A	A	17% 9% 5% 2% 1% 0% 0% eka_NCUAQMD	Carson & S A CA, Humboldi	26% 26% 16% 3% 1% 0%	50% 26% 17% 12% 6% 4% 6% 2% 6% 4% CA, Humboldt	