

Bi-Monthly Air Quality Reports 2022 [BEN397]

May-June 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-05-03	NA	NA	54.2	54.2
2022-05-04	2.4	16.6	100.0	100.0
2022-05-05	1.2	11.8	100.0	100.0
2022-05-06	3.0	16.0	100.0	100.0
2022-05-07	1.1	5.3	100.0	100.0
2022-05-08	1.1	7.2	100.0	100.0
2022-05-09	0.9	6.3	100.0	100.0
2022-05-10	1.2	12.1	100.0	100.0
2022-05-11	1.7	14.1	100.0	100.0
2022-05-12	9.7	110.6	100.0	100.0
2022-05-13	7.7	75.5	95.8	95.8
2022-05-14	3.0	23.4	100.0	100.0
2022-05-15	2.5	25.7	100.0	100.0
2022-05-16	6.6	74.0	100.0	100.0
2022-05-17	7.8	77.8	100.0	100.0
2022-05-18	6.8	64.6	100.0	100.0
2022-05-19	1.2	11.8	100.0	100.0
2022-05-20	1.3	12.5	95.8	95.8
2022-05-21	6.1	85.8	95.8	95.8
2022-05-22	1.4	14.4	95.8	95.8
2022-05-23	1.3	12.9	95.8	95.8
2022-05-24	2.2	15.5	100.0	100.0
2022-05-25	2.2	17.4	100.0	100.0
2022-05-26	8.2	62.4	100.0	100.0
2022-05-27	13.9	138.9	100.0	100.0
2022-05-28	4.2	26.4	100.0	100.0
2022-05-29	4.1	39.4	95.8	95.8
2022-05-30	2.4	21.6	100.0	100.0
2022-05-31	2.0	11.2	100.0	100.0
2022-06-01	1.2	5.5	95.8	95.8
2022-06-02	1.1	4.4	87.5	87.5
2022-06-03	0.7	2.2	100.0	100.0
2022-06-04	0.4	4.9	100.0	100.0
2022-06-05	1.0	14.4	100.0	100.0
2022-06-06	0.3	6.8	95.8	95.8
2022-06-07	3.3	25.3	100.0	100.0
2022-06-08	1.5	10.3	100.0	100.0
2022-06-09	2.3	8.7	95.8	95.8
2022-06-10	1.1	7.7	100.0	100.0
2022-06-11	1.1	7.9	100.0	100.0
2022-06-12	6.2	172.6	100.0	100.0
2022-06-13	2.7	33.7	100.0	100.0
2022-06-14	3.4	50.2	100.0	100.0
2022-06-15	3.5	39.5	95.8	95.8
2022-06-16	1.0	11.9	100.0	100.0



(continued)

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-06-17	1.1	12.7	95.8	95.8
2022-06-18	28.5	244.5	100.0	100.0
2022-06-19	13.5	136.5	83.3	83.3
2022-06-20	15.9	207.3	95.8	95.8
2022-06-21	4.7	35.7	100.0	100.0
2022-06-22	1.5	13.9	95.8	95.8
2022-06-23	1.8	12.5	91.7	91.7
2022-06-24	3.0	14.3	100.0	100.0
2022-06-25	3.7	36.2	100.0	100.0
2022-06-26	2.4	18.3	100.0	100.0
2022-06-27	2.4	18.5	100.0	100.0
2022-06-28	1.5	11.5	100.0	100.0
2022-06-29	1.0	5.5	100.0	100.0
2022-06-30	1.5	9.5	91.7	91.7

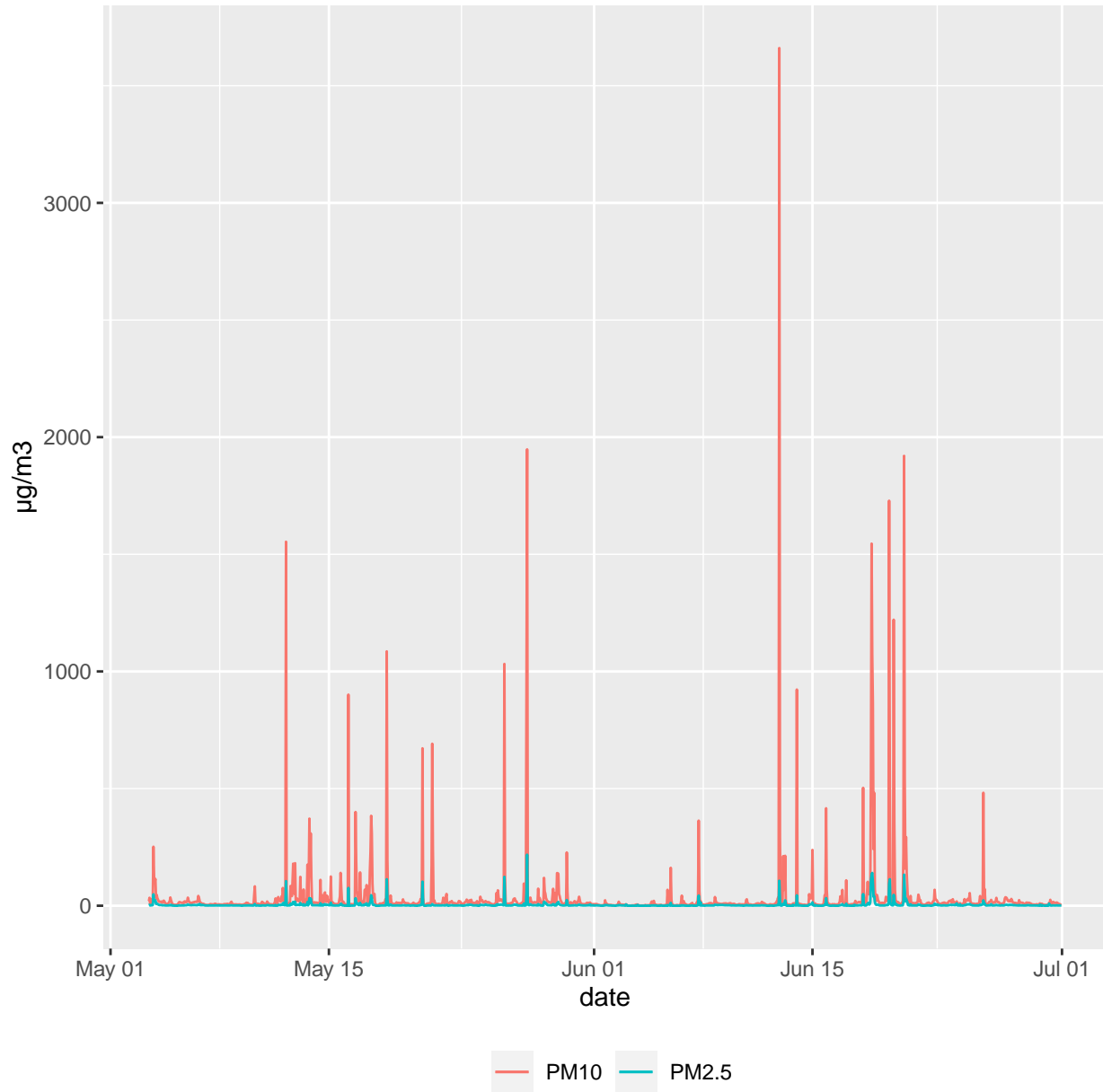
Monthly Average

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
May 2022	3.828571	36.11429	97.55172	97.55172
June 2022	3.776667	39.43000	97.49333	97.49333

NA - Not enough data to calculate averages

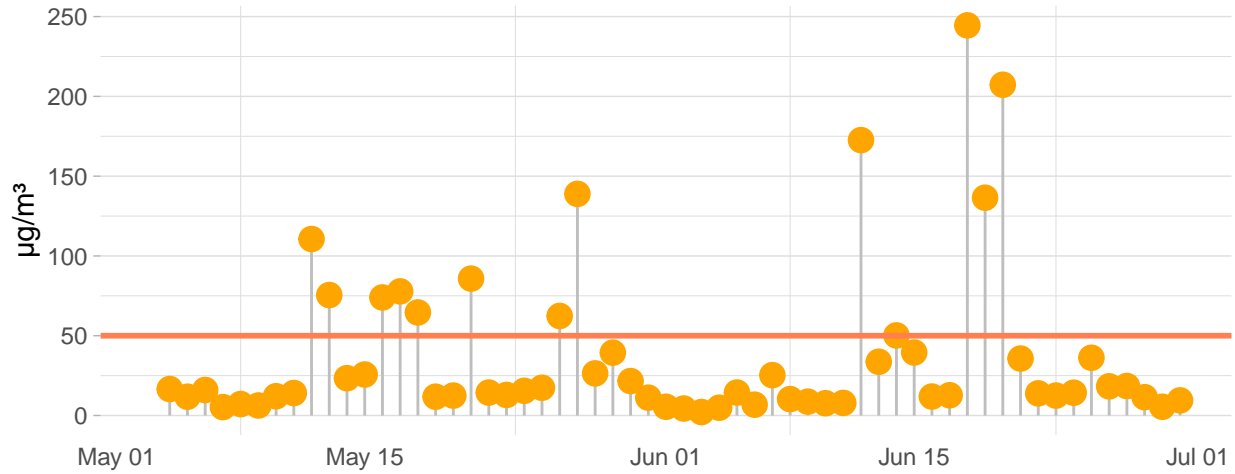


PM10 & PM2.5 hourly averages

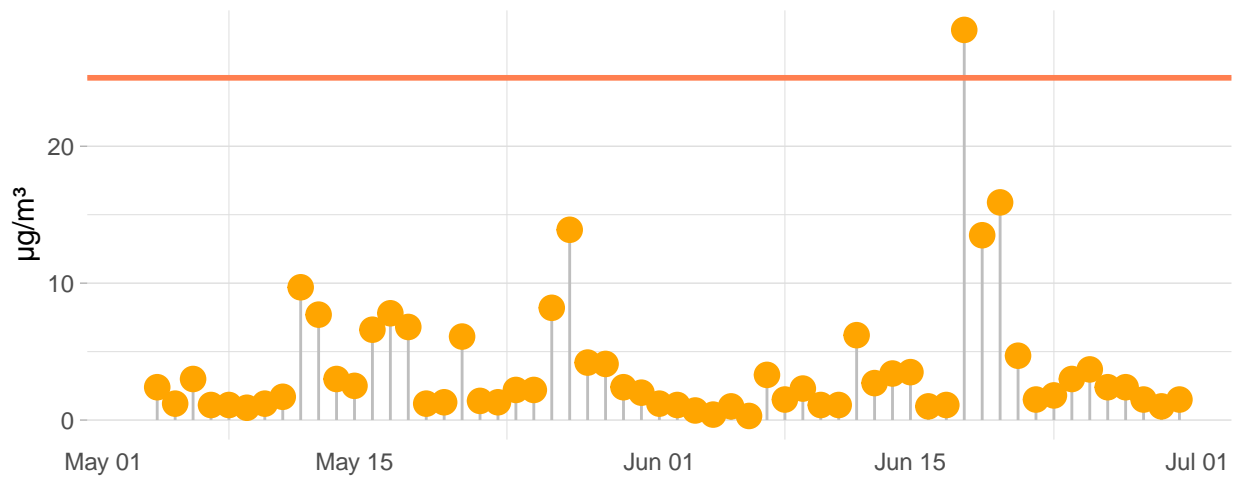




PM10 daily averages



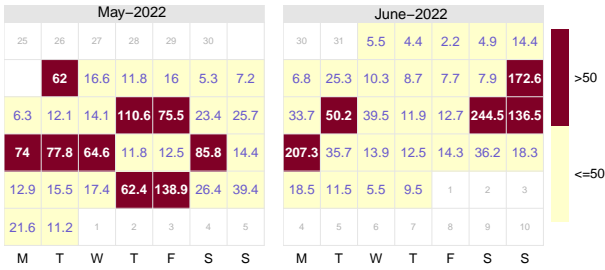
PM2.5 daily averages



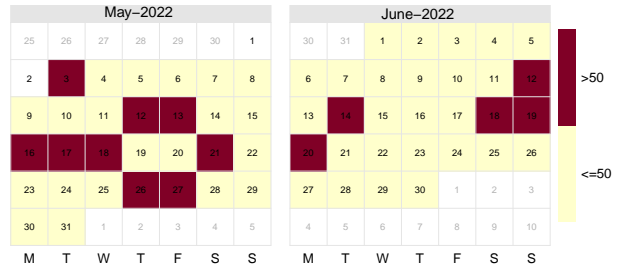


Daily Exceedances

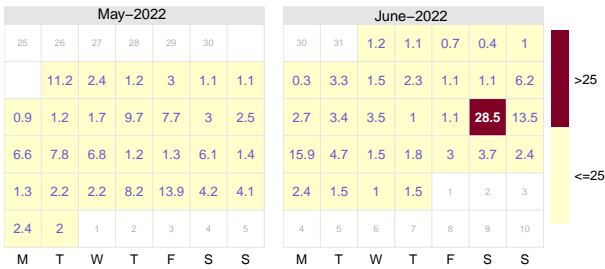
PM₁₀. Daily Exceedances at Ben397



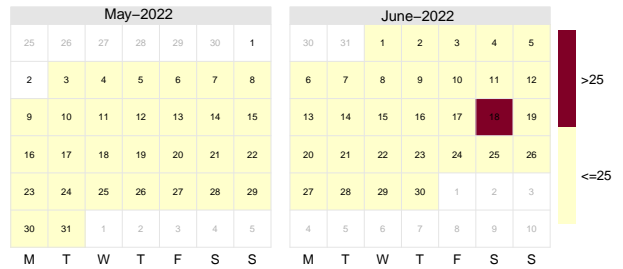
PM₁₀. Days with Exceedances at Ben397



PM_{2.5}. Daily Exceedances at Ben397

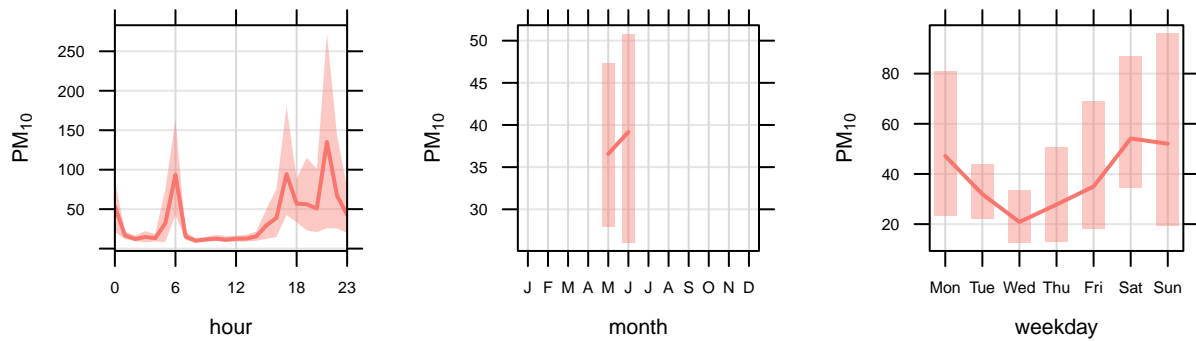
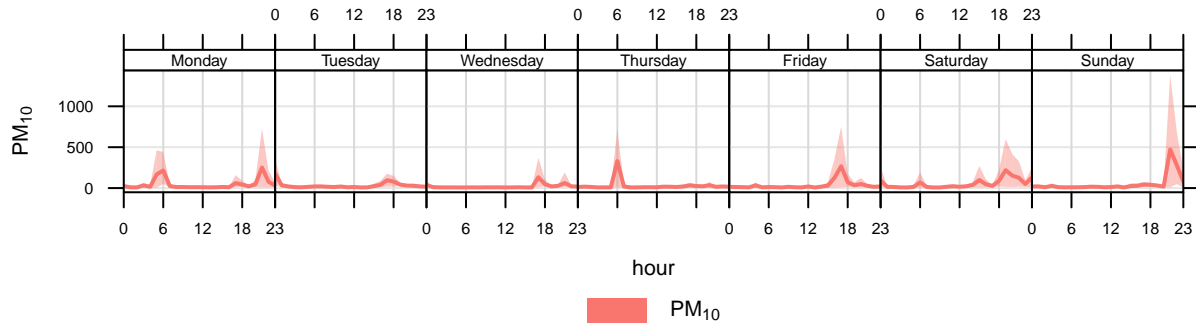


PM_{2.5}. Days with Exceedances at Ben397



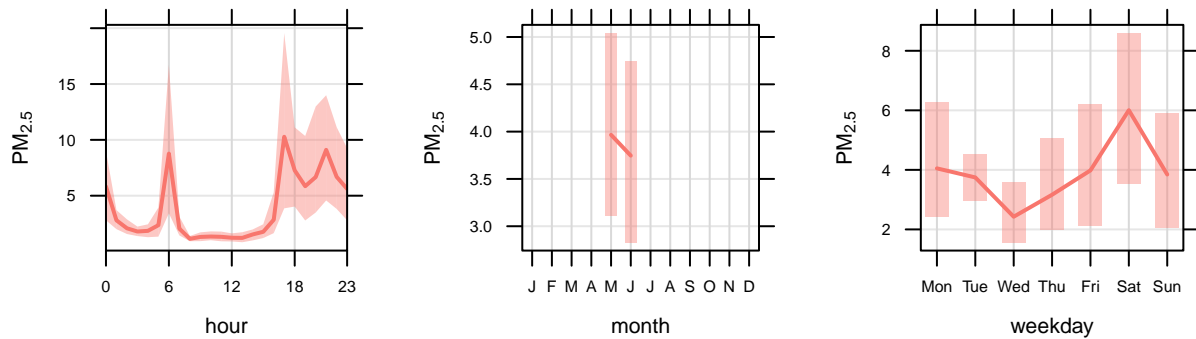
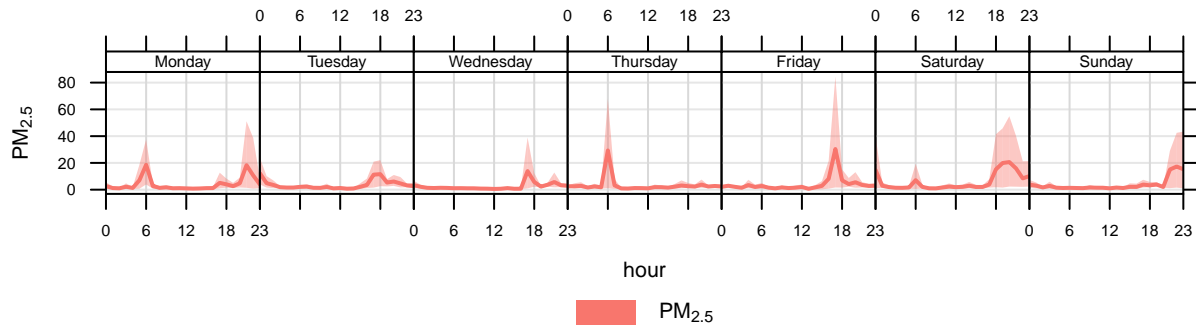


PM₁₀ Time variation at Ben397



mean and 95% confidence interval in mean

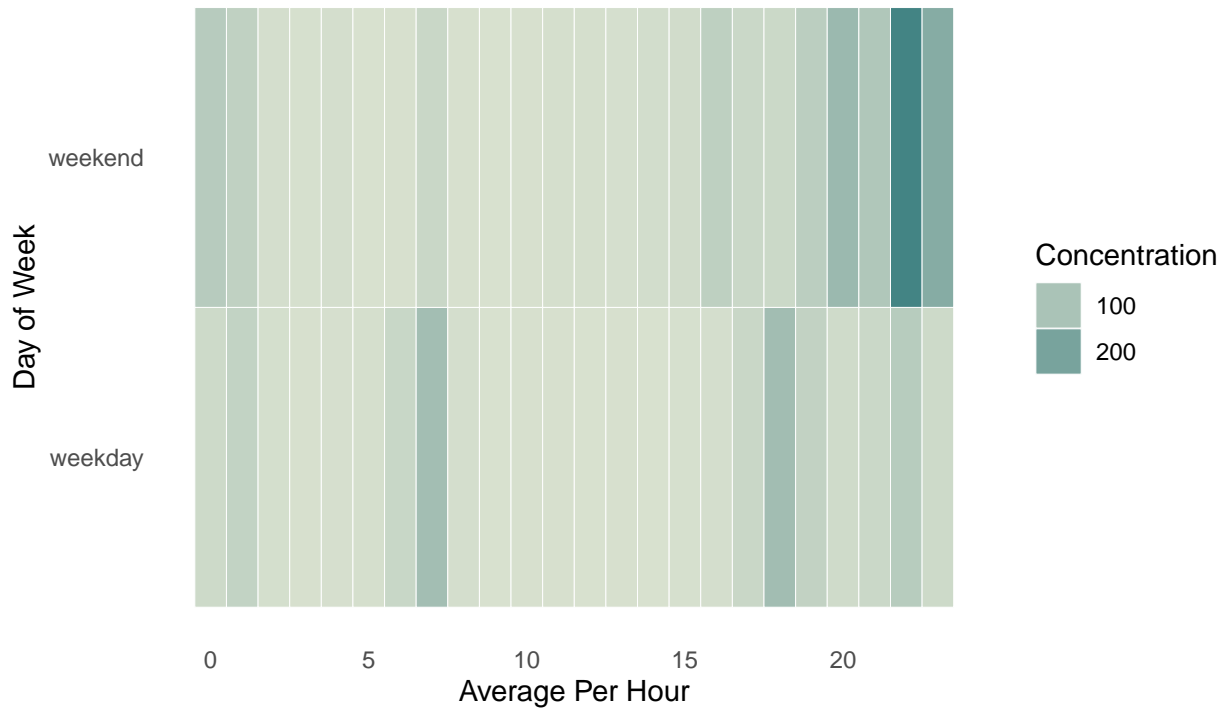
PM_{2.5} Time variation at Ben397



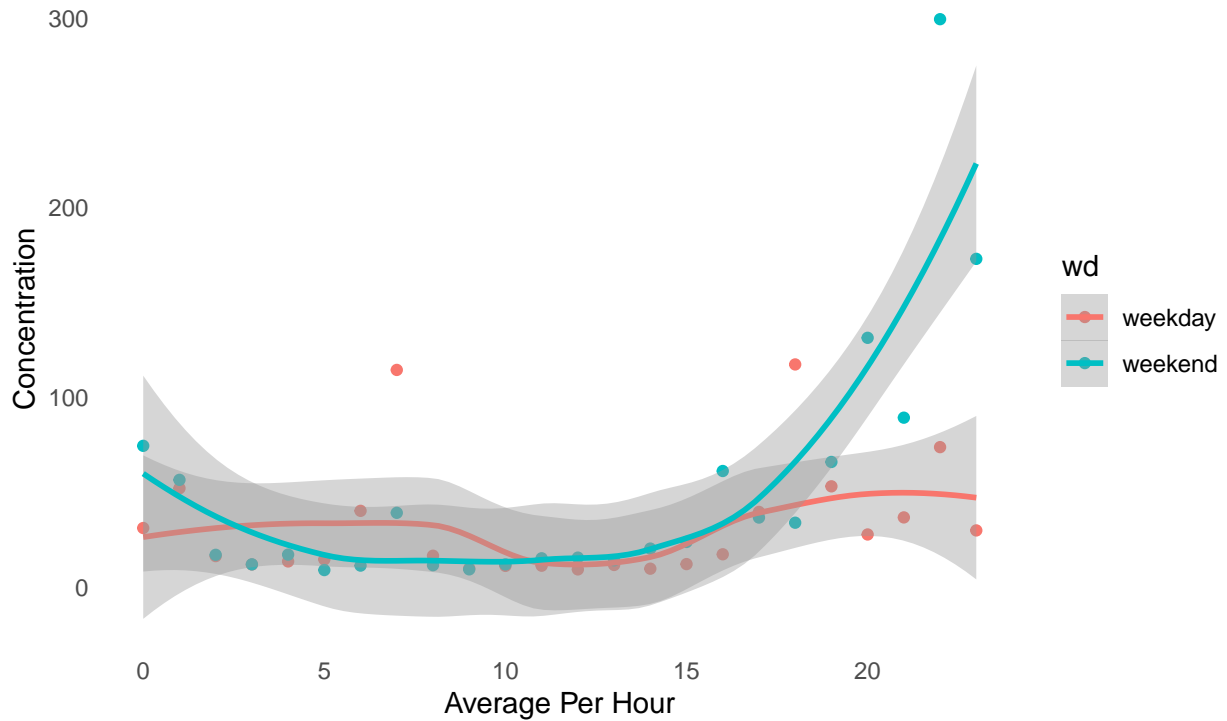
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

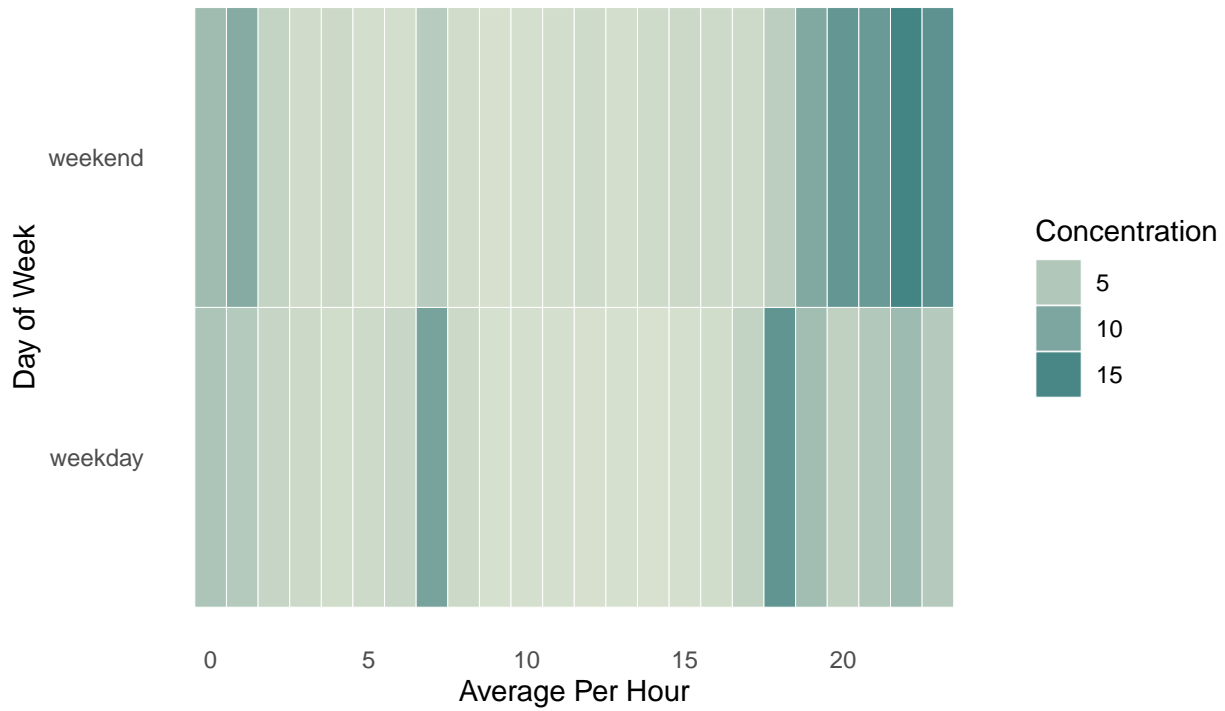


PM10 concentration by weekday and weekend with trend

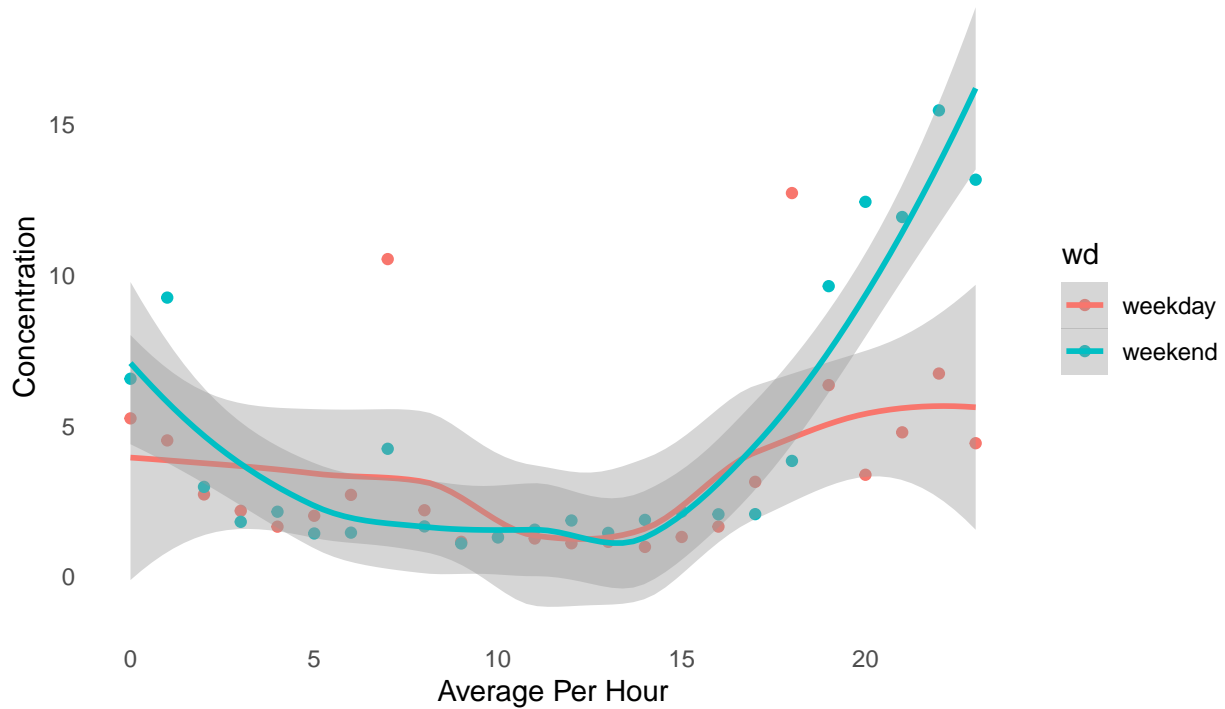




PM2.5 concentration by Weekday/weekend and Hour



PM2.5 concentration by weekday and weekend with trend



Bi-Monthly Air Quality Reports 2022 [BEN397]

July-August 2022



Daily Averages

	µg/m ³	µg/m ³	%	%
	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-07-01	2.0	13.5	100.0	100.0
2022-07-02	2.0	14.2	100.0	100.0
2022-07-03	1.9	14.2	100.0	100.0
2022-07-04	1.4	8.9	100.0	100.0
2022-07-05	2.2	16.9	100.0	100.0
2022-07-06	5.1	56.8	100.0	100.0
2022-07-07	17.6	165.2	100.0	100.0
2022-07-08	7.9	56.8	87.5	87.5
2022-07-09	4.4	36.2	95.8	95.8
2022-07-10	2.0	12.4	95.8	95.8
2022-07-11	6.0	44.5	91.7	91.7
2022-07-12	2.5	11.7	87.5	87.5
2022-07-13	3.3	27.4	91.7	91.7
2022-07-14	3.1	28.1	91.7	91.7
2022-07-15	4.0	34.5	95.8	95.8
2022-07-16	3.2	21.6	100.0	100.0
2022-07-17	12.2	75.9	95.8	95.8
2022-07-18	26.8	206.9	100.0	100.0
2022-07-19	21.2	244.8	95.8	95.8
2022-07-20	12.6	77.4	91.7	91.7
2022-07-21	26.5	304.0	95.8	95.8
2022-07-22	8.4	81.1	100.0	100.0
2022-07-23	22.2	202.9	100.0	100.0
2022-07-24	15.4	109.7	95.8	95.8
2022-07-25	4.5	40.4	91.7	91.7
2022-07-26	1.6	11.1	100.0	100.0
2022-07-27	2.4	17.3	83.3	83.3
2022-07-28	1.7	9.4	91.7	91.7
2022-07-29	4.8	26.0	100.0	100.0
2022-07-30	34.9	350.2	100.0	100.0
2022-07-31	21.1	177.7	95.8	95.8
2022-08-01	14.5	205.8	95.8	95.8
2022-08-02	12.6	160.3	100.0	100.0
2022-08-03	13.4	170.1	91.7	91.7
2022-08-04	14.4	148.3	91.7	91.7
2022-08-05	3.7	18.2	95.8	95.8
2022-08-06	2.8	15.4	100.0	100.0
2022-08-07	16.1	125.3	100.0	100.0
2022-08-08	11.1	103.7	91.7	91.7
2022-08-09	19.8	228.3	100.0	100.0
2022-08-10	3.8	25.9	100.0	100.0
2022-08-11	1.7	13.1	100.0	100.0
2022-08-12	1.3	11.8	95.8	95.8
2022-08-13	4.5	30.3	100.0	100.0
2022-08-14	3.1	21.6	91.7	91.7



(continued)

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-08-15	3.2	18.3	100.0	100.0
2022-08-16	25.9	116.5	95.8	95.8
2022-08-17	33.6	353.2	95.8	95.8
2022-08-18	9.1	76.7	91.7	91.7
2022-08-19	3.1	23.8	95.8	95.8
2022-08-20	3.3	21.6	100.0	100.0
2022-08-21	8.1	52.8	100.0	100.0
2022-08-22	4.1	22.8	100.0	100.0
2022-08-23	5.3	35.5	95.8	95.8
2022-08-24	8.3	52.4	100.0	100.0
2022-08-25	4.9	30.0	95.8	95.8
2022-08-26	2.9	18.9	91.7	91.7
2022-08-27	14.6	145.7	100.0	100.0
2022-08-28	8.4	60.6	91.7	91.7
2022-08-29	6.2	60.5	87.5	87.5
2022-08-30	4.4	30.5	100.0	100.0
2022-08-31	9.8	109.0	100.0	100.0

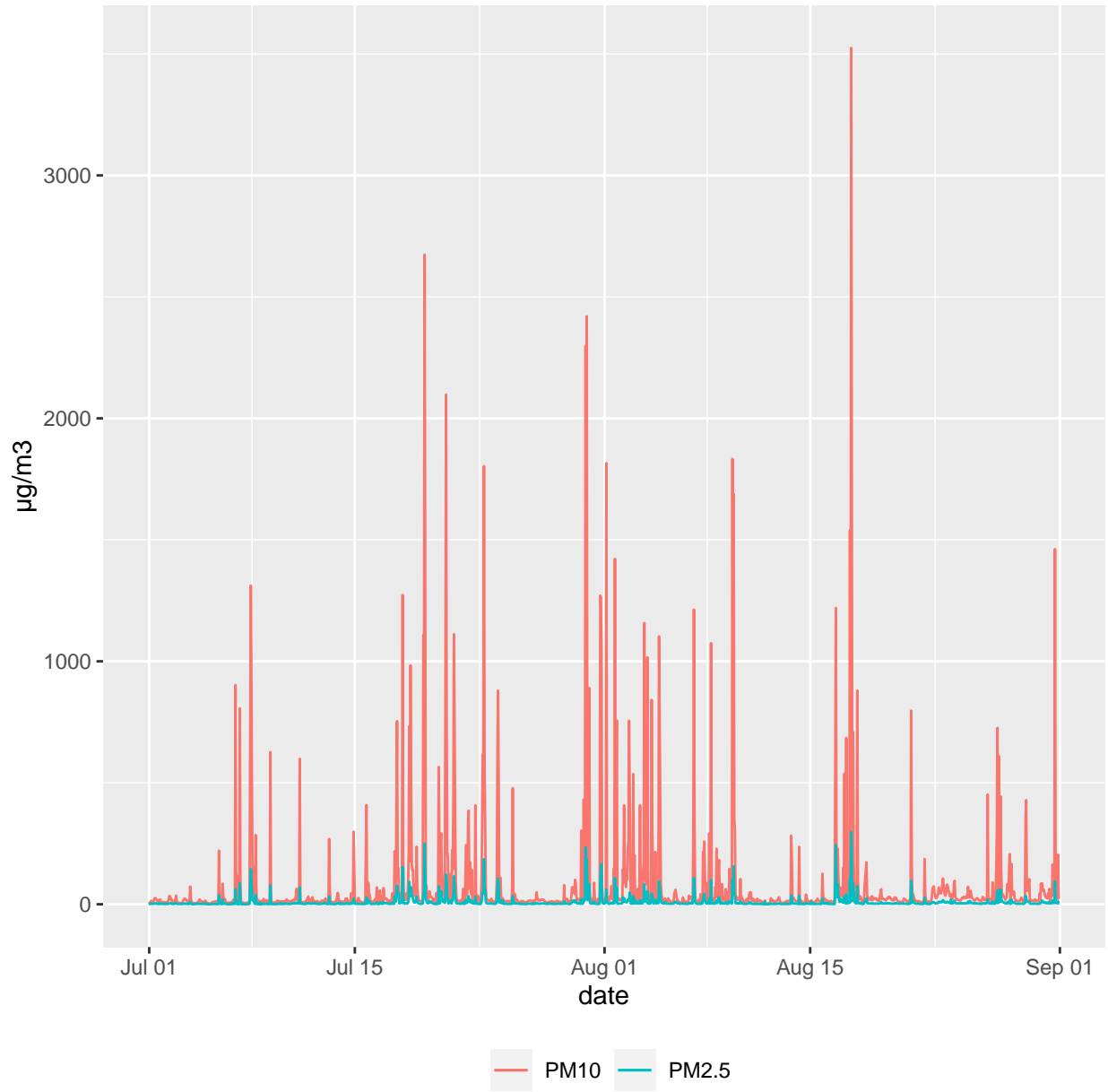
Monthly Average

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
July 2022	9.190323	80.57097	95.96452	95.96452
August 2022	8.967742	80.86774	96.63871	96.63871

NA - Not enough data to calculate averages

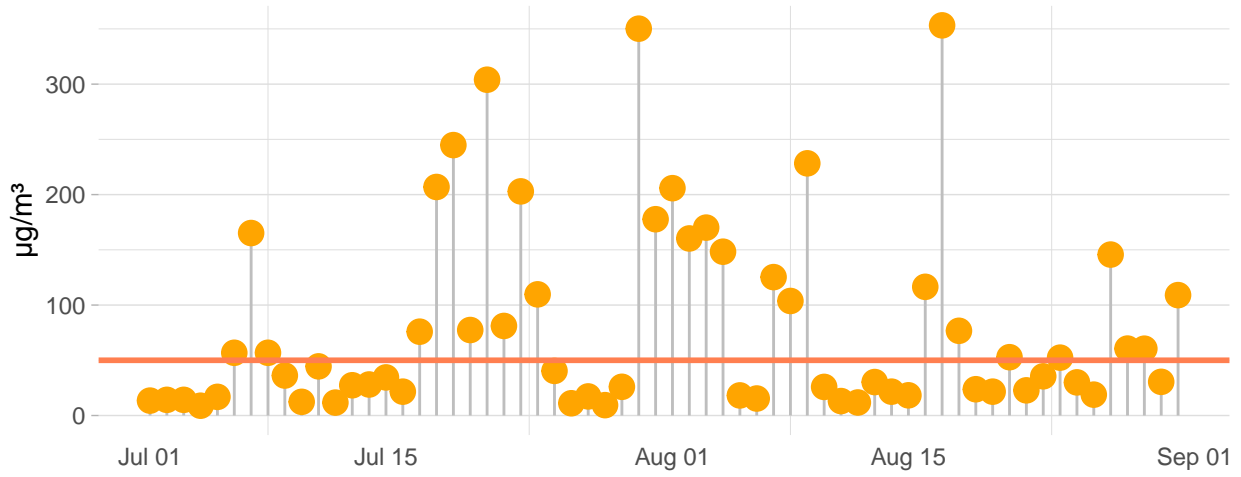


PM10 & PM2.5 hourly averages

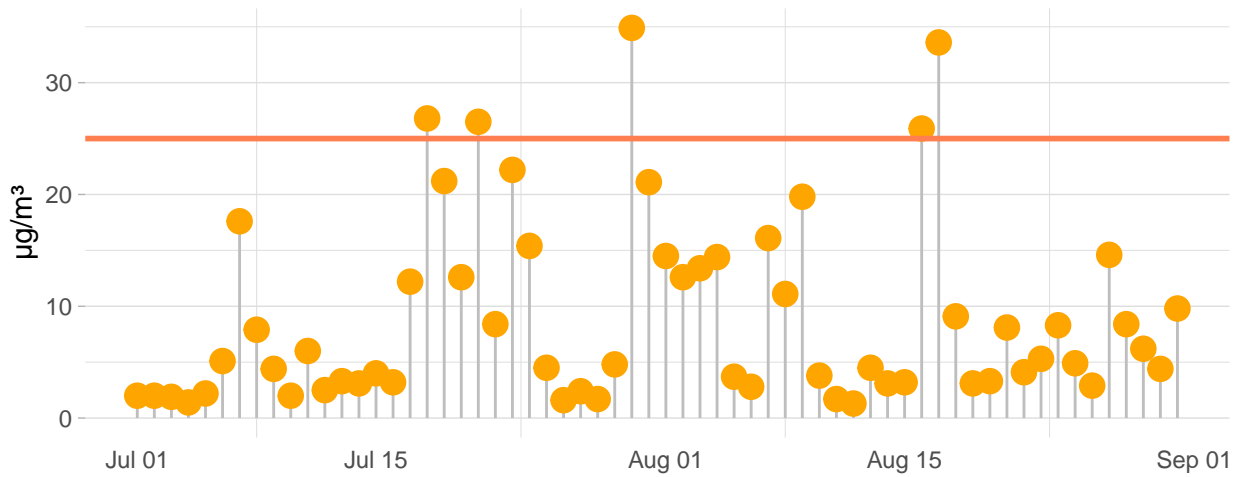




PM10 daily averages



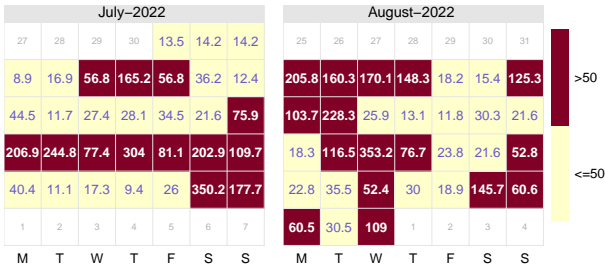
PM2.5 daily averages



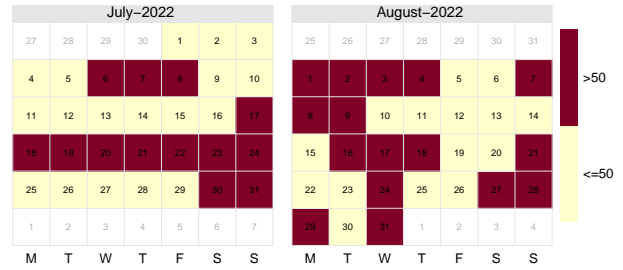


Daily Exceedances

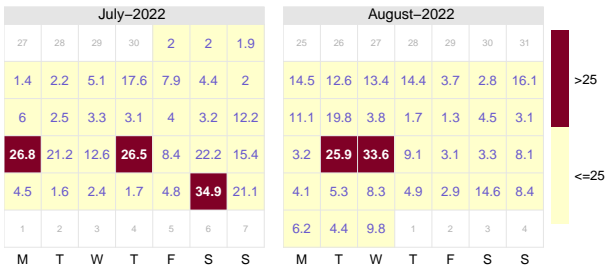
PM₁₀. Daily Exceedances at Ben397



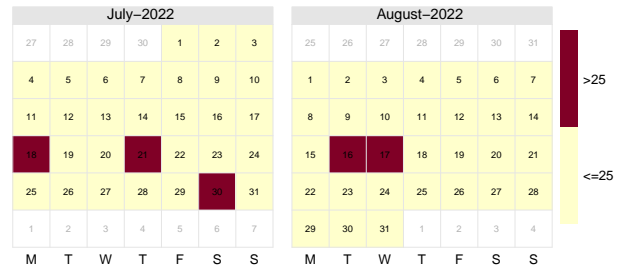
PM₁₀. Days with Exceedances at Ben397



PM_{2.5}. Daily Exceedances at Ben397

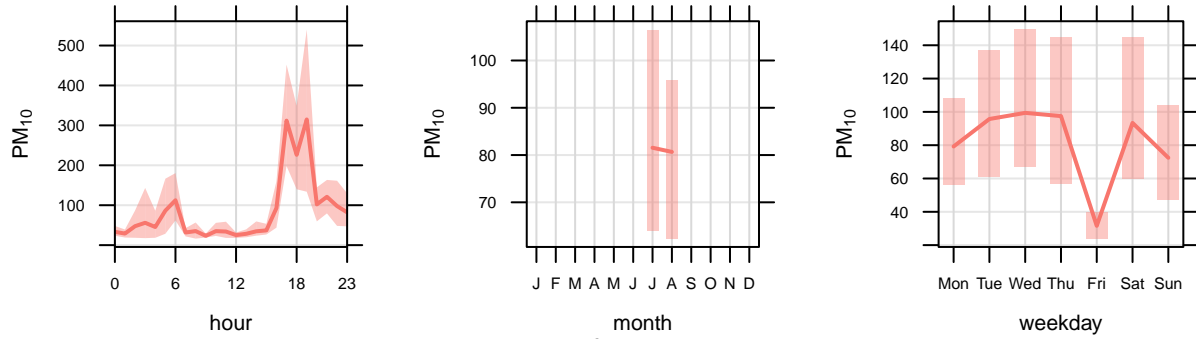
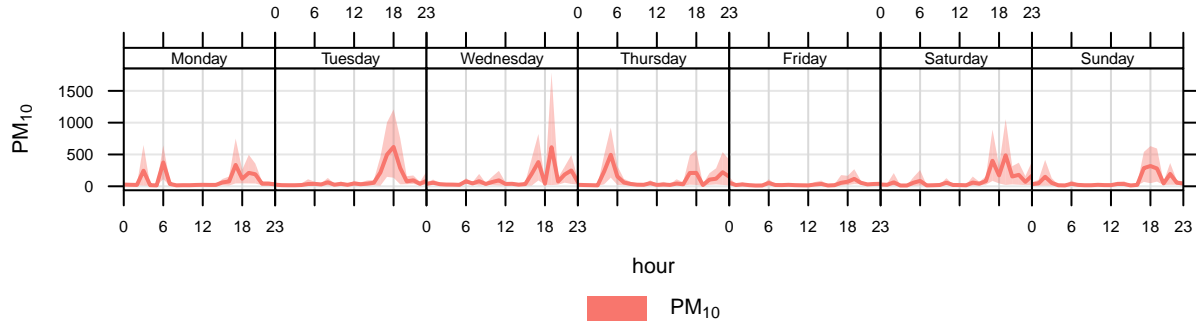


PM_{2.5}. Days with Exceedances at Ben397



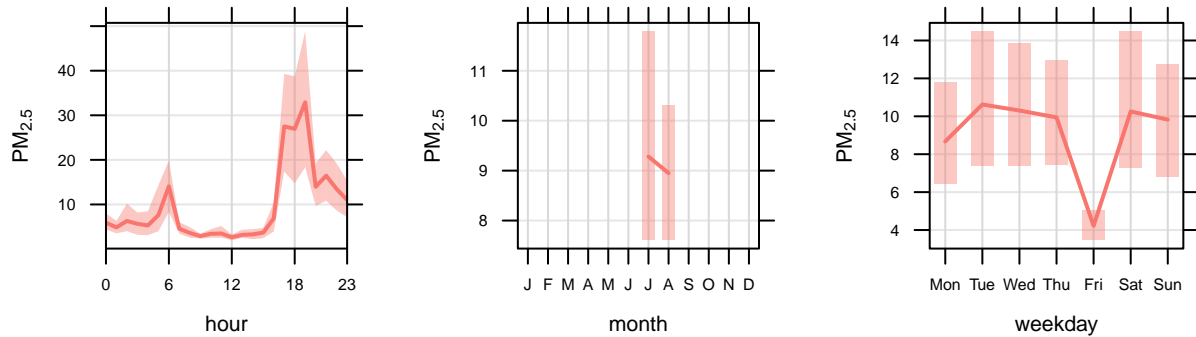
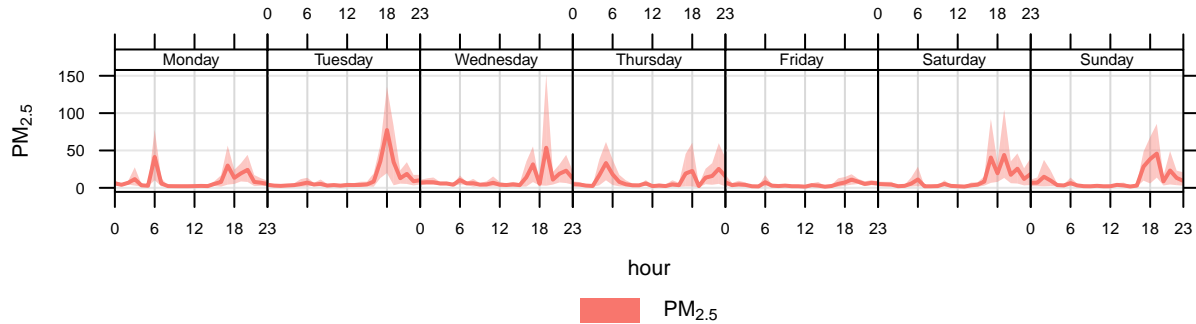


PM₁₀ Time variation at Ben397



mean and 95% confidence interval in mean

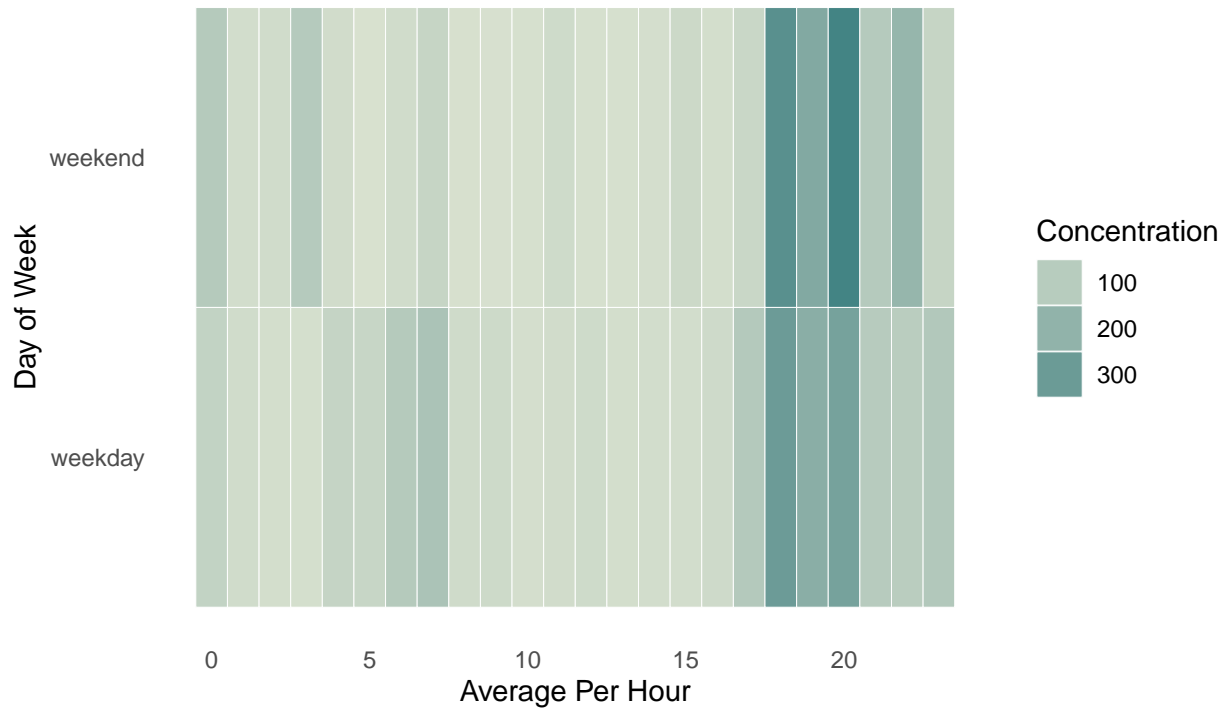
PM_{2.5} Time variation at Ben397



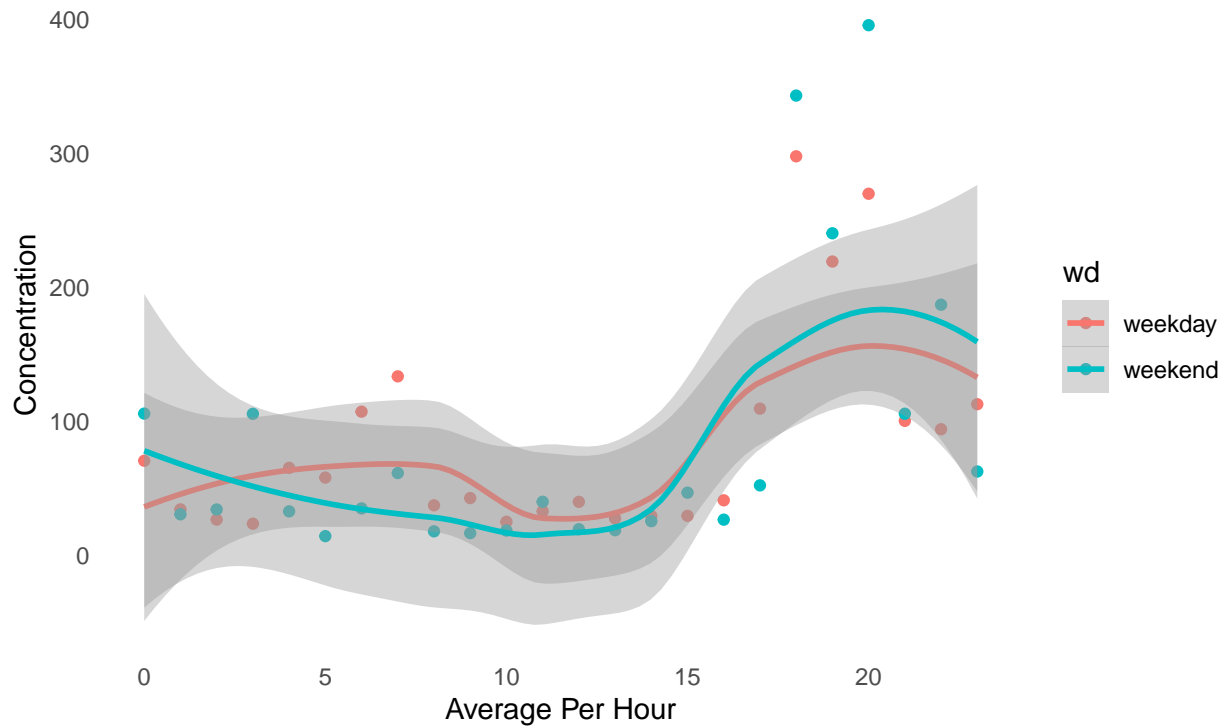
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

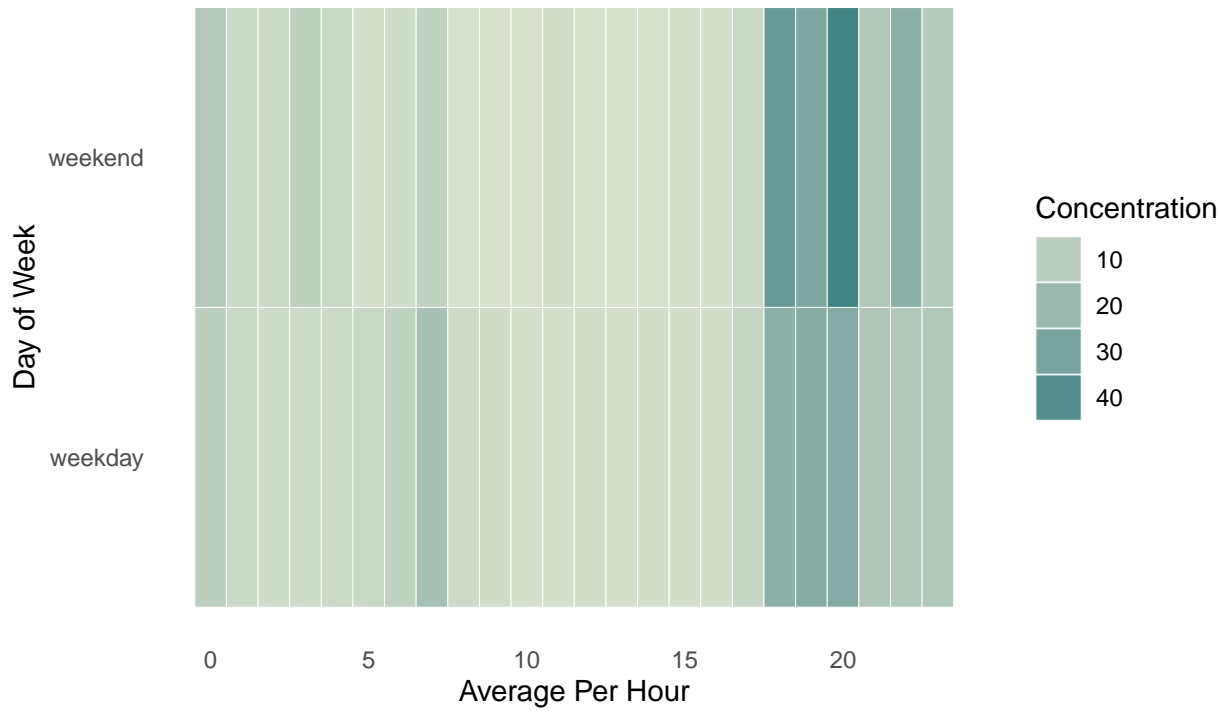


PM10 concentration by weekday and weekend with trend

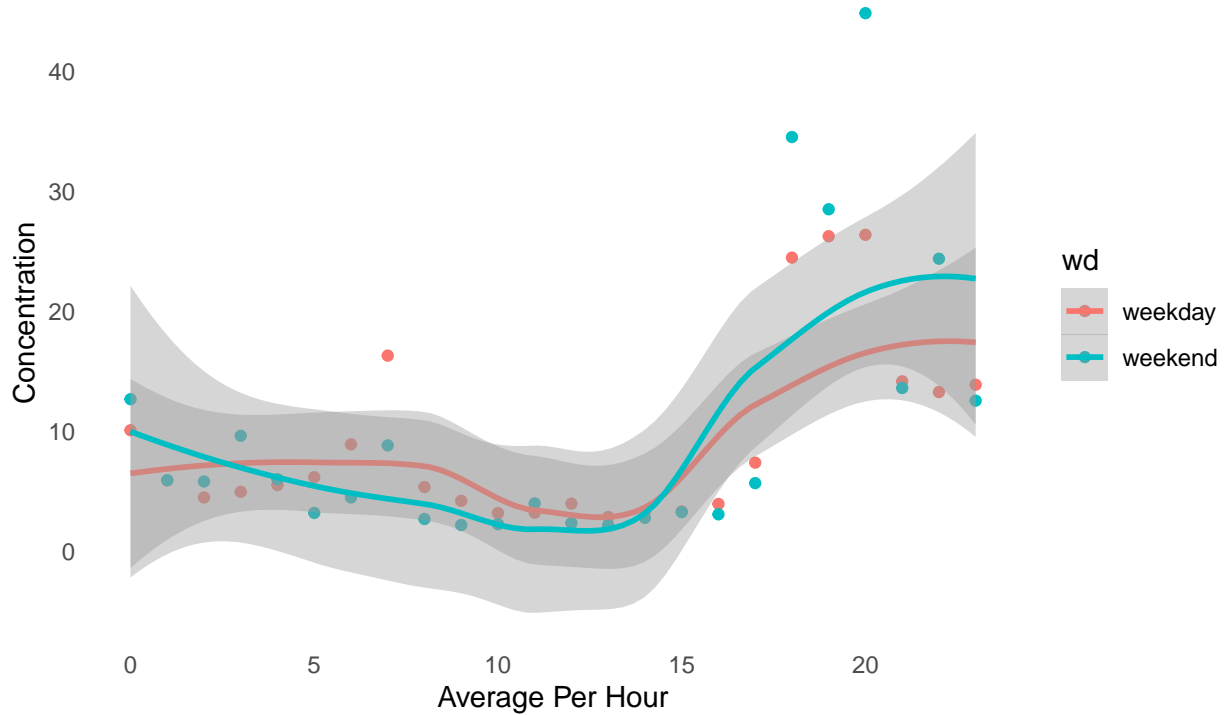




PM2.5 concentration by Weekday/weekend and Hour



PM2.5 concentration by weekday and weekend with trend



Bi-Monthly Air Quality Reports 2022 [BEN397]
September-October 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-09-01	3.3	20.8	100.0	100.0
2022-09-02	1.9	11.3	100.0	100.0
2022-09-03	8.2	100.0	100.0	100.0
2022-09-04	11.1	91.5	95.8	95.8
2022-09-05	8.1	57.3	100.0	100.0
2022-09-06	11.4	117.2	100.0	100.0
2022-09-07	4.9	29.9	100.0	100.0
2022-09-08	17.3	153.9	100.0	100.0
2022-09-09	7.5	60.9	100.0	100.0
2022-09-10	12.7	118.1	95.8	95.8
2022-09-11	8.0	62.5	91.7	91.7
2022-09-12	12.2	95.6	100.0	100.0
2022-09-13	11.8	117.3	95.8	95.8
2022-09-14	6.9	55.4	100.0	100.0
2022-09-15	3.3	21.1	100.0	100.0
2022-09-16	2.1	12.3	100.0	100.0
2022-09-17	10.5	95.4	100.0	100.0
2022-09-18	13.8	157.8	100.0	100.0
2022-09-19	8.8	77.5	100.0	100.0
2022-09-20	5.9	34.4	95.8	95.8
2022-09-21	4.4	27.9	95.8	95.8
2022-09-22	17.5	152.7	95.8	95.8
2022-09-23	13.8	81.2	100.0	100.0
2022-09-24	22.4	175.6	95.8	95.8
2022-09-25	13.2	102.2	95.8	95.8
2022-09-26	4.3	30.9	95.8	95.8
2022-09-27	3.4	23.8	100.0	100.0
2022-09-28	9.6	65.9	87.5	87.5
2022-09-29	8.7	90.3	95.8	95.8
2022-09-30	NA	NA	NA	NA
2022-10-01	NA	NA	NA	NA
2022-10-02	NA	NA	NA	NA
2022-10-03	3.0	8.8	100.0	100.0
2022-10-04	2.7	10.4	100.0	100.0
2022-10-05	3.4	13.4	91.7	91.7
2022-10-06	2.5	12.4	100.0	100.0
2022-10-07	2.4	16.1	100.0	100.0
2022-10-08	2.6	18.2	100.0	100.0
2022-10-09	3.0	30.9	100.0	100.0
2022-10-10	7.1	56.9	100.0	100.0
2022-10-11	3.5	31.8	95.8	95.8
2022-10-12	8.2	51.3	91.7	91.7
2022-10-13	3.5	19.6	95.8	95.8
2022-10-14	2.9	18.9	95.8	95.8
2022-10-15	5.1	37.5	100.0	100.0



(continued)

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-10-16	5.2	18.4	79.2	79.2
2022-10-17	3.0	21.0	100.0	100.0
2022-10-18	2.0	12.9	100.0	100.0
2022-10-19	4.6	34.4	91.7	91.7
2022-10-20	6.1	52.2	83.3	83.3
2022-10-21	8.4	102.5	95.8	95.8
2022-10-22	5.1	57.1	91.7	91.7
2022-10-23	3.8	19.3	100.0	100.0
2022-10-24	5.4	28.3	100.0	100.0
2022-10-25	8.3	54.1	95.8	95.8
2022-10-26	8.5	56.4	100.0	100.0
2022-10-27	7.8	69.1	91.7	91.7
2022-10-28	8.7	46.6	95.8	95.8
2022-10-29	7.9	39.2	100.0	100.0
2022-10-30	4.7	23.2	100.0	100.0
2022-10-31	5.1	24.6	91.7	91.7

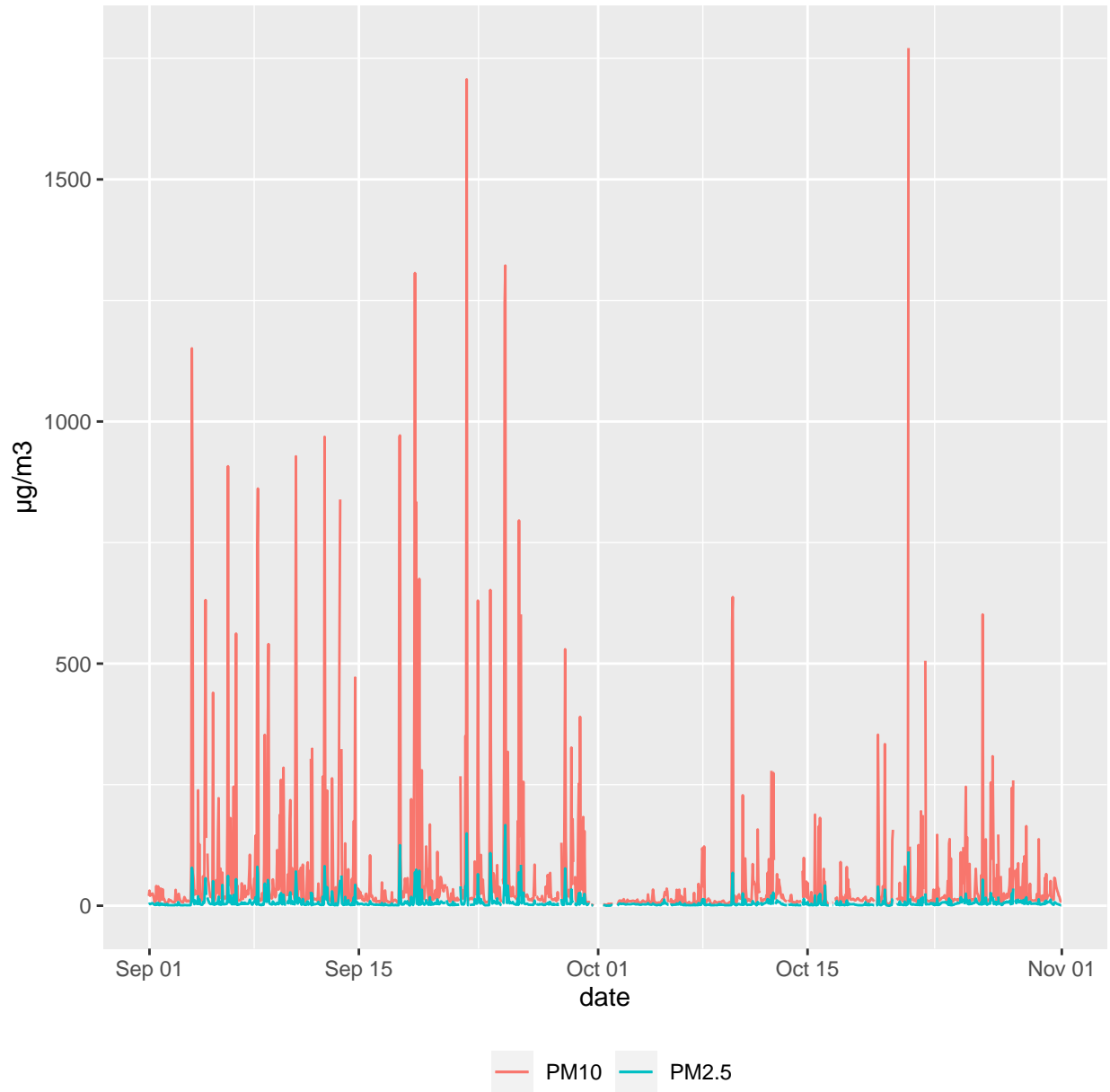
Monthly Average

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
September 2022	9.206897	77.26552	97.83448	97.83448
October 2022	4.982759	33.98276	96.12069	96.12069

NA - Not enough data to calculate averages

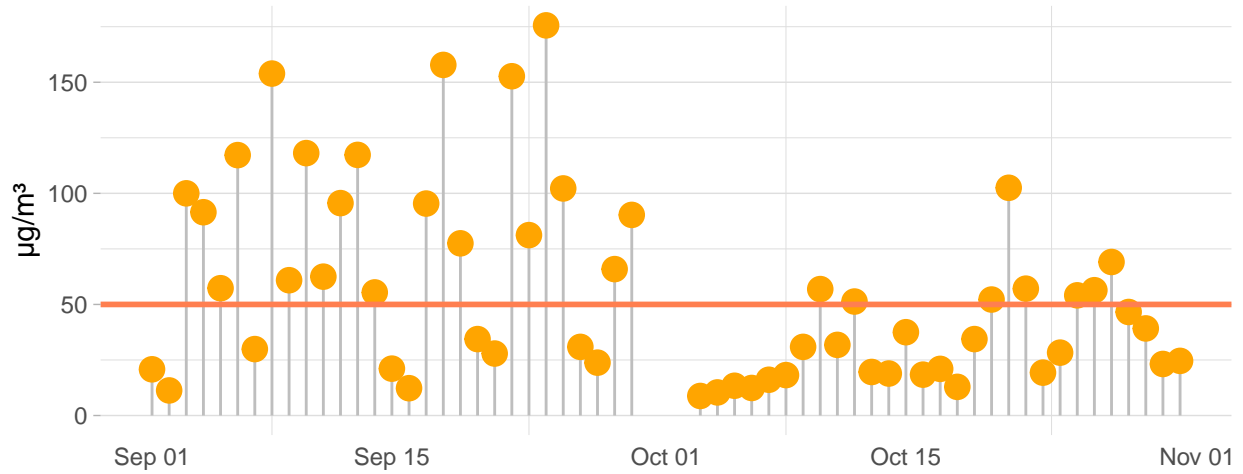


PM10 & PM2.5 hourly averages

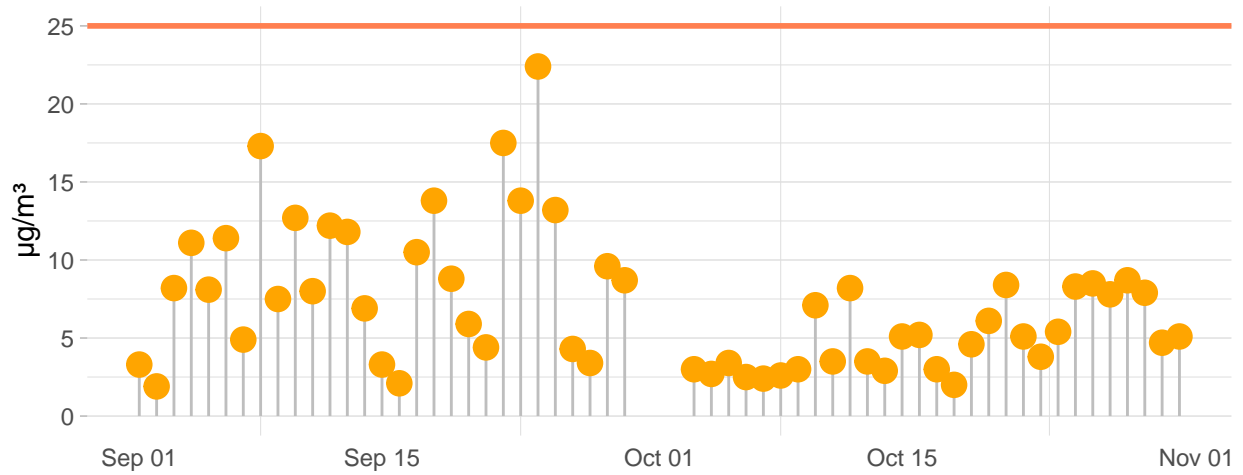




PM10 daily averages



PM2.5 daily averages





Daily Exceedances

PM₁₀. Daily Exceedances at Ben397

September-2022								October-2022							
29	30	31	20.8	11.3	100	91.5		26	27	28	29	30	2.8	8.9	
57.3	117.2	29.9	153.9	60.9	118.1	62.5		8.8	10.4	13.4	12.4	16.1	18.2	30.9	
95.6	117.3	55.4	21.1	12.3	95.4	157.8		56.9	31.8	51.3	19.6	18.9	37.5	18.4	
77.5	34.4	27.9	152.7	81.2	175.6	102.2		21	12.9	34.4	52.2	102.5	57.1	19.3	
30.9	23.8	65.9	90.3	28.6	1	2		28.3	54.1	56.4	69.1	46.6	39.2	23.2	
3	4	5	6	7	8	9		24.6	1	2	3	4	5	6	
M	T	W	T	F	S	S		M	T	W	T	F	S	S	

PM₁₀. Days with Exceedances at Ben397

September-2022								October-2022							
29	30	31	1	2	3	4		26	27	28	29	30	1	2	
5	6	7	8	9	10	11		3	4	5	6	7	8	9	
12	13	14	15	16	17	18		10	11	12	13	14	15	16	
19	20	21	22	23	24	25		17	18	19	20	21	22	23	
26	27	28	29	30	1	2		24	25	26	27	28	29	30	
3	4	5	6	7	8	9		31	1	2	3	4	5	6	
M	T	W	T	F	S	S		M	T	W	T	F	S	S	

PM_{2.5}. Daily Exceedances at Ben397

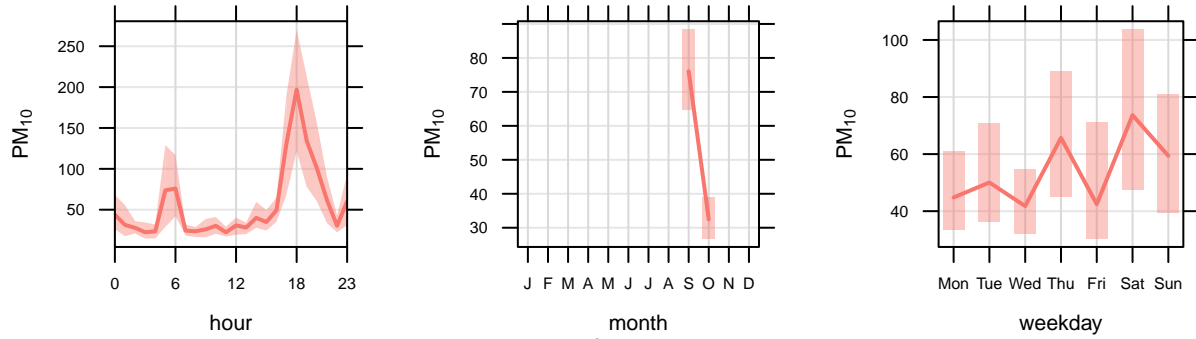
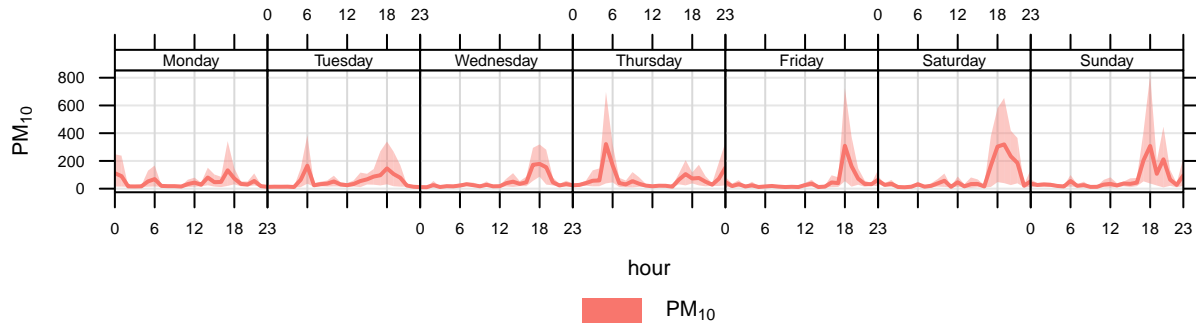
September-2022								October-2022							
29	30	31	3.3	1.9	8.2	11.1		26	27	28	29	30	0.6	3.2	
8.1	11.4	4.9	17.3	7.5	12.7	8		3	2.7	3.4	2.5	2.4	2.6	3	
12.2	11.8	6.9	3.3	2.1	10.5	13.8		7.1	3.5	8.2	3.5	2.9	5.1	5.2	
8.8	5.9	4.4	17.5	13.8	22.4	13.2		3	2	4.6	6.1	8.4	5.1	3.8	
4.3	3.4	9.6	8.7	5.2	1	2		5.4	8.3	8.5	7.8	8.7	7.9	4.7	
3	4	5	6	7	8	9		5.1	1	2	3	4	5	6	
M	T	W	T	F	S	S		M	T	W	T	F	S	S	

PM_{2.5}. Days with Exceedances at Ben397

September-2022								October-2022							
29	30	31	1	2	3	4		26	27	28	29	30	1	2	
5	6	7	8	9	10	11		3	4	5	6	7	8	9	
12	13	14	15	16	17	18		10	11	12	13	14	15	16	
19	20	21	22	23	24	25		17	18	19	20	21	22	23	
26	27	28	29	30	1	2		24	25	26	27	28	29	30	
3	4	5	6	7	8	9		31	1	2	3	4	5	6	
M	T	W	T	F	S	S		M	T	W	T	F	S	S	

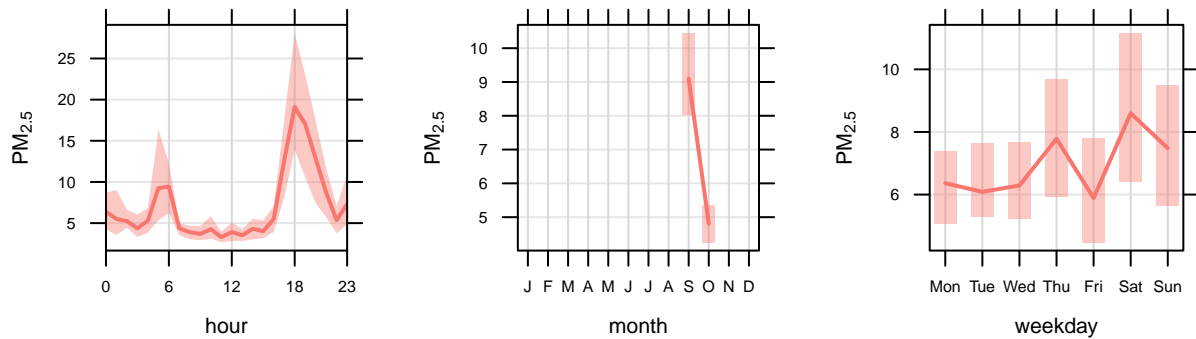
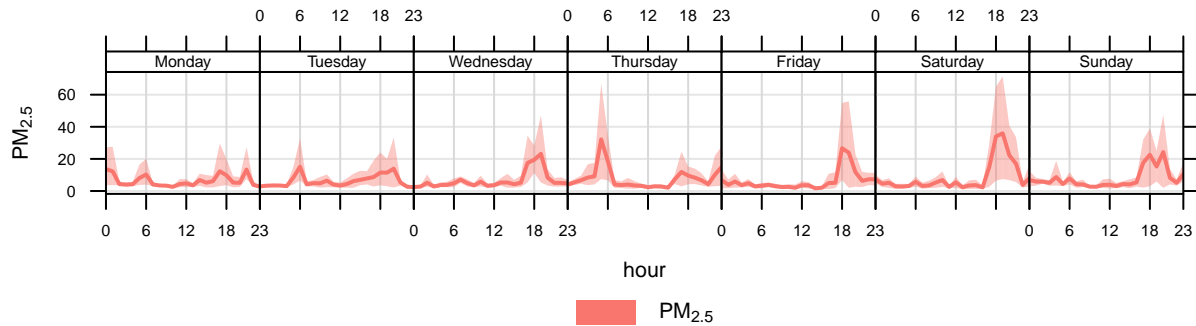


PM₁₀ Time variation at Ben397



mean and 95% confidence interval in mean

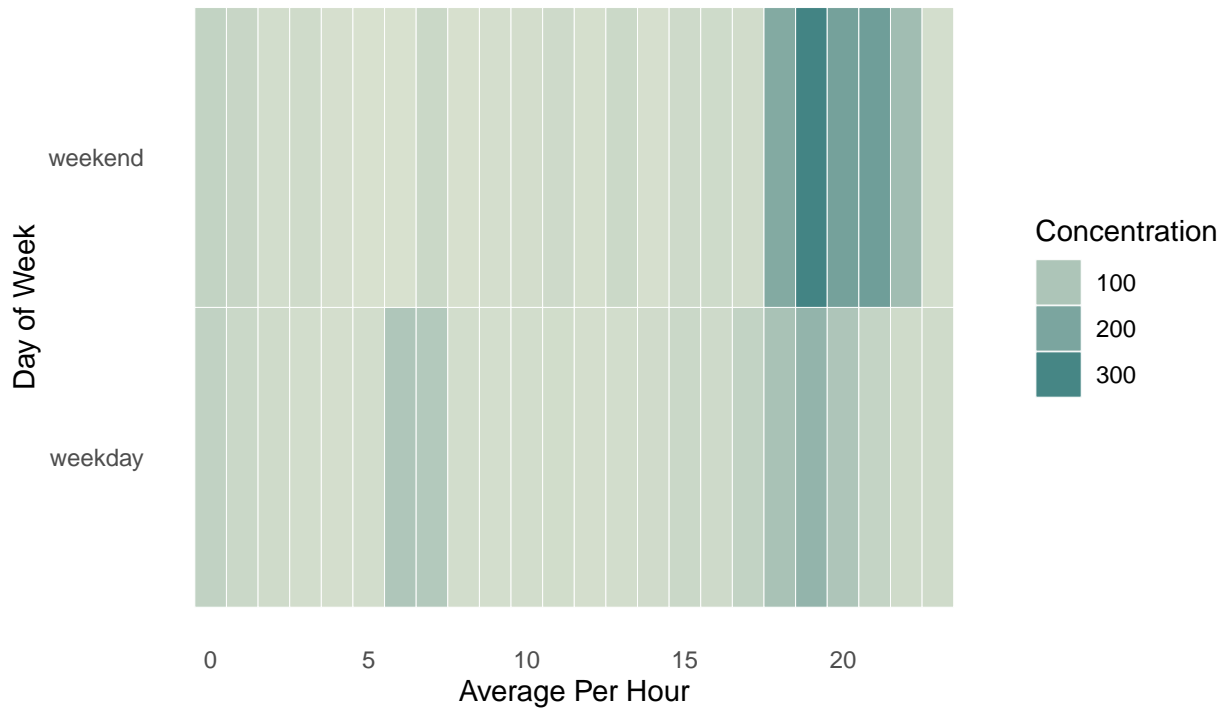
PM_{2.5} Time variation at Ben397



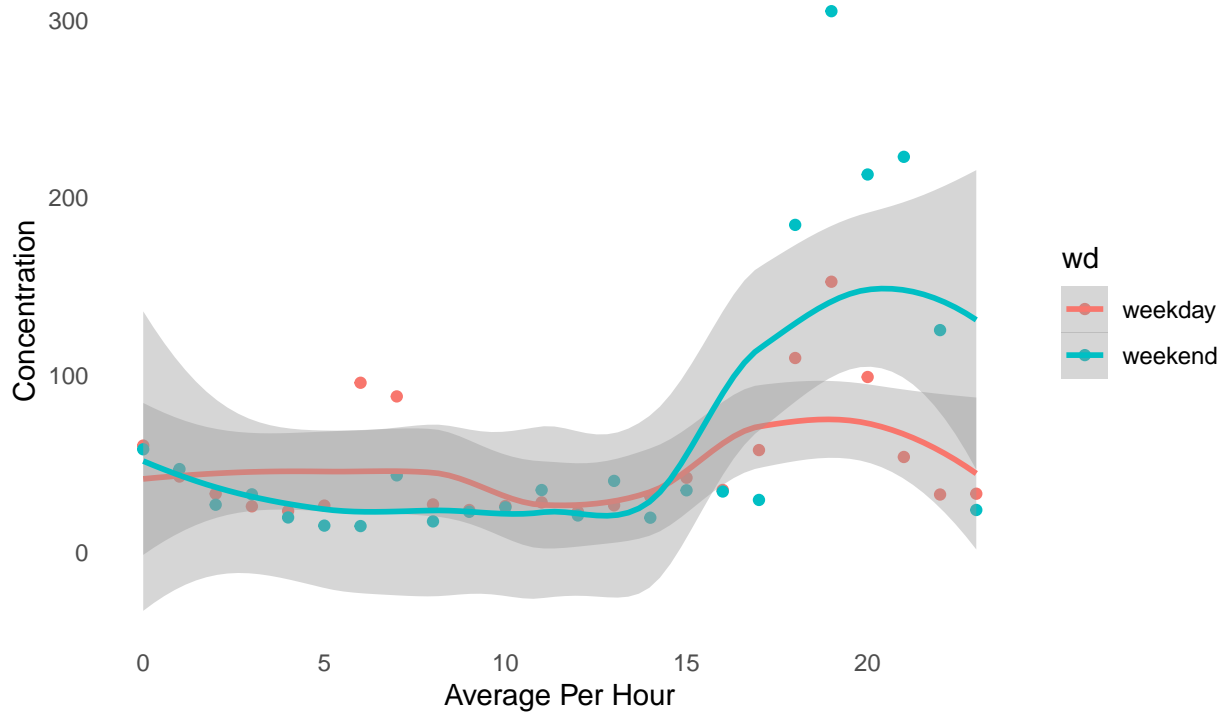
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

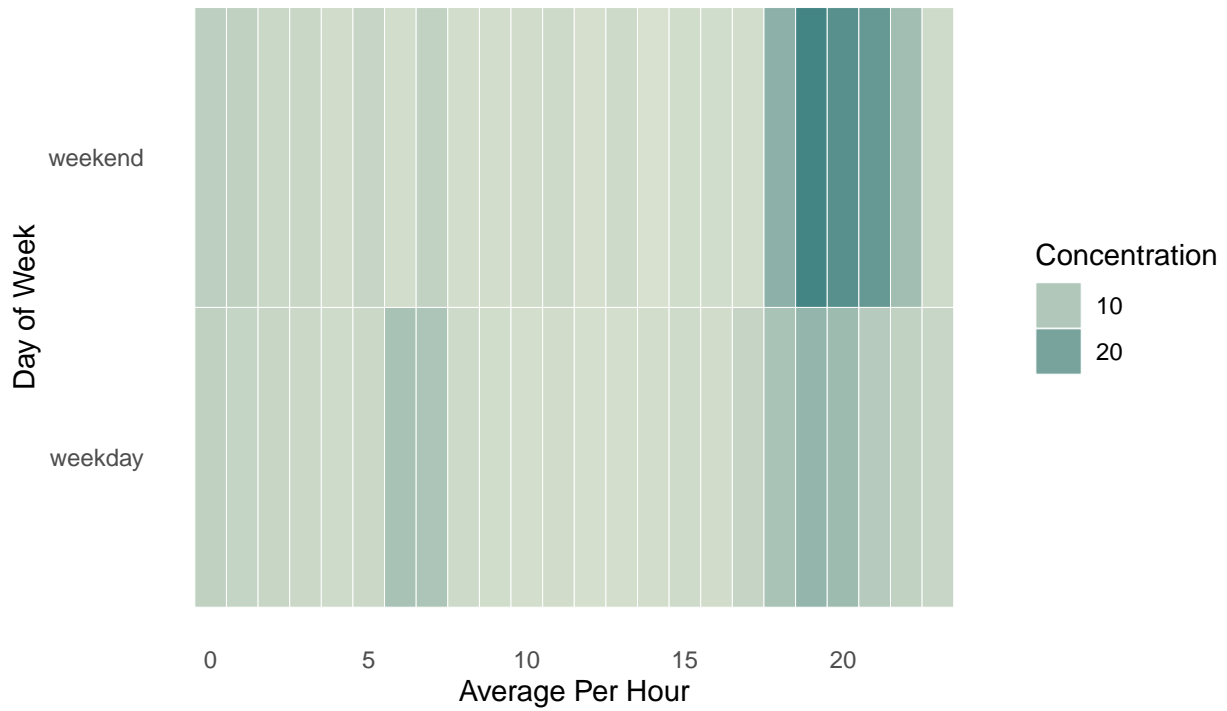


PM10 concentration by weekday and weekend with trend

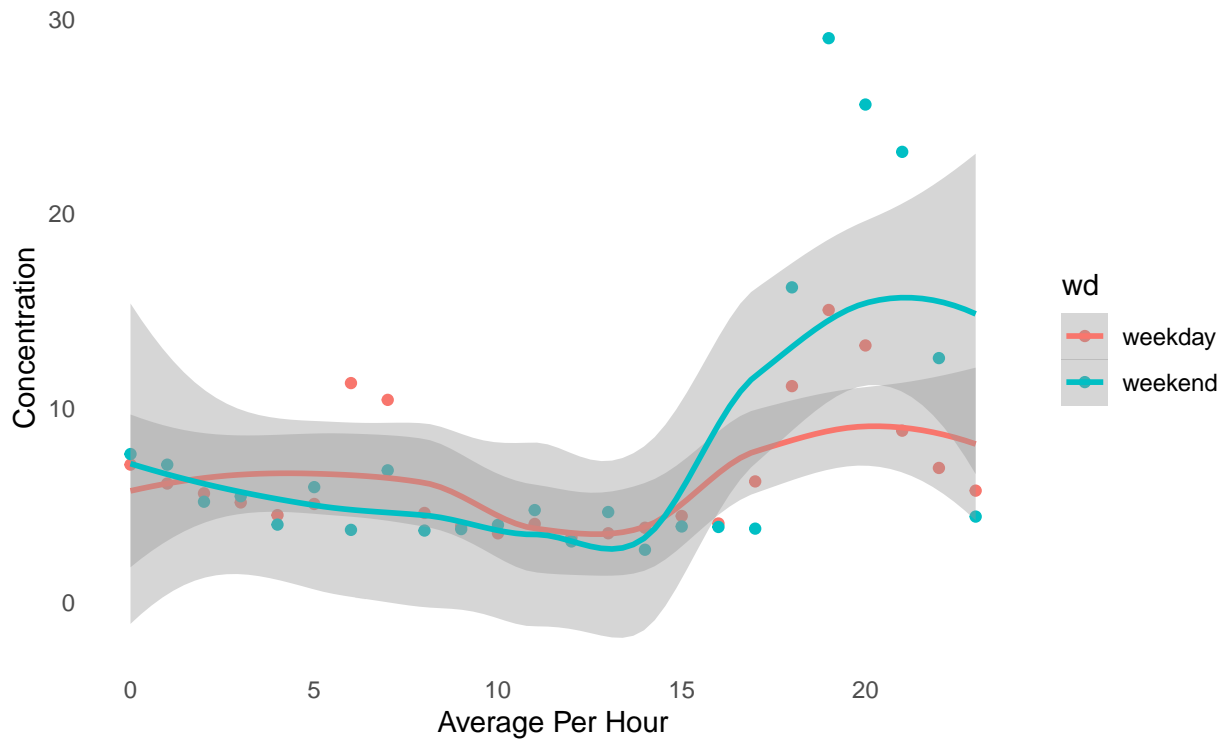




PM2.5 concentration by Weekday/weekend and Hour

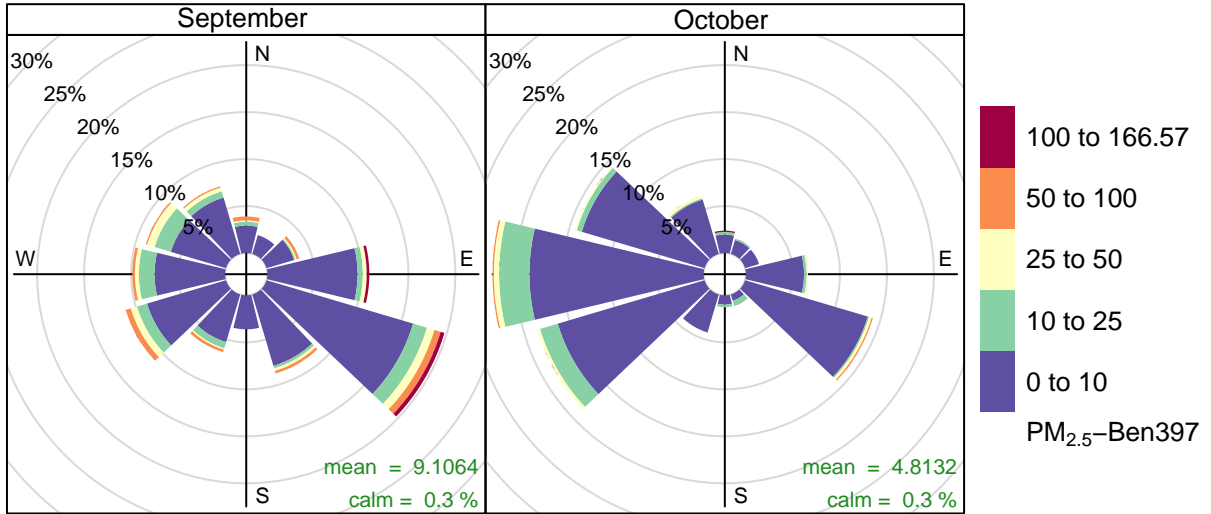


PM2.5 concentration by weekday and weekend with trend



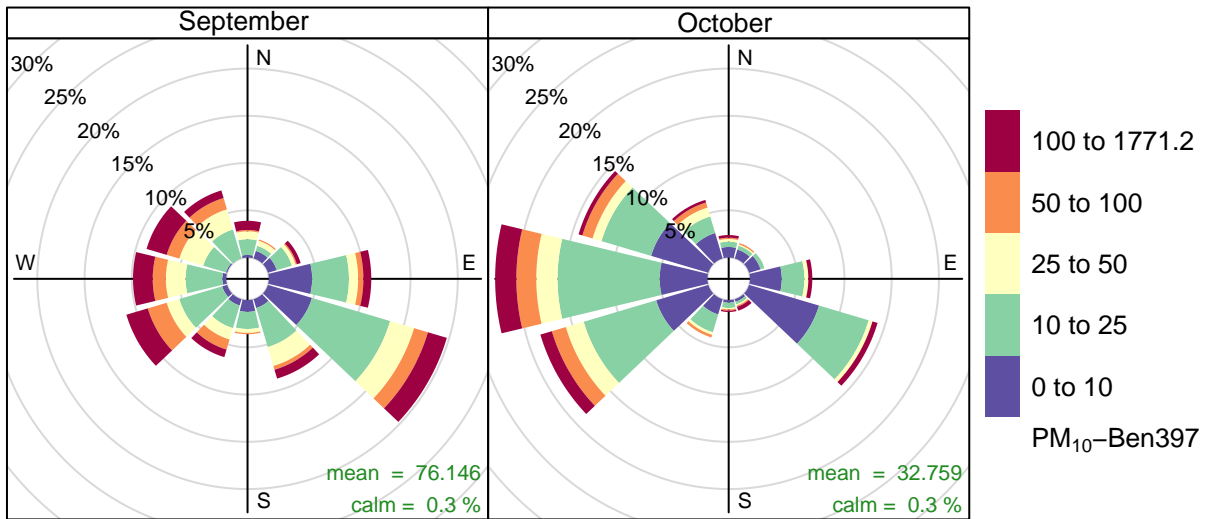


PM_{2.5} pollution rose at Ben397



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben397



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN397]

November 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
2022-11-01	1.6	13.3	91.7	91.7
2022-11-02	1.6	12.1	95.8	95.8
2022-11-03	1.8	14.0	95.8	95.8
2022-11-04	7.0	58.2	95.8	95.8
2022-11-05	5.5	44.7	87.5	87.5
2022-11-06	4.8	34.6	95.8	95.8
2022-11-07	5.1	35.1	87.5	87.5
2022-11-08	NA	NA	45.8	45.8

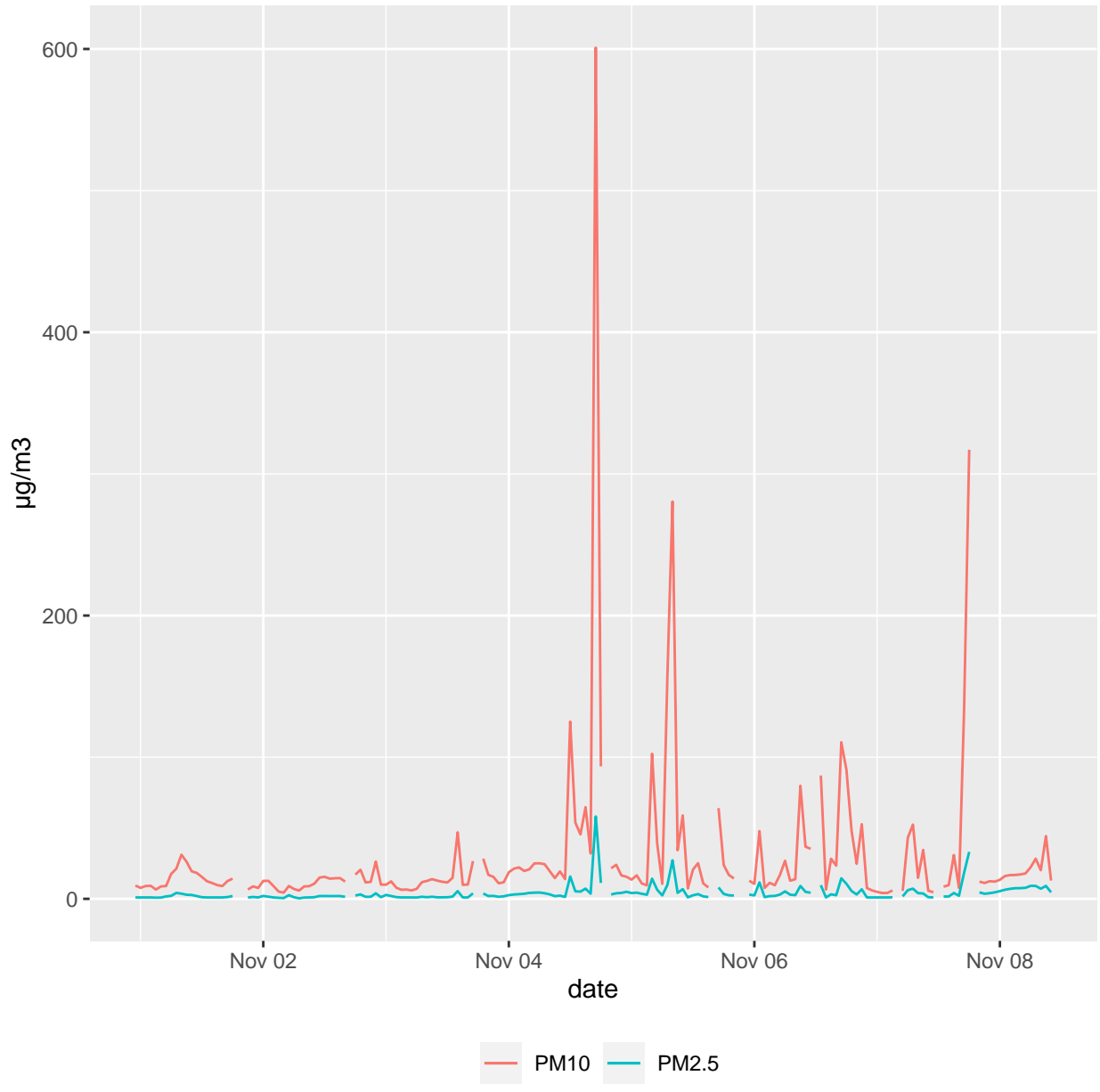
Monthly Average

	PM2.5-Ben397	PM10-Ben397	PM2.5 data capture-Ben397	PM10 data capture-Ben397
November 2022	NA	NA	NA	NA

NA - Not enough data to calculate averages

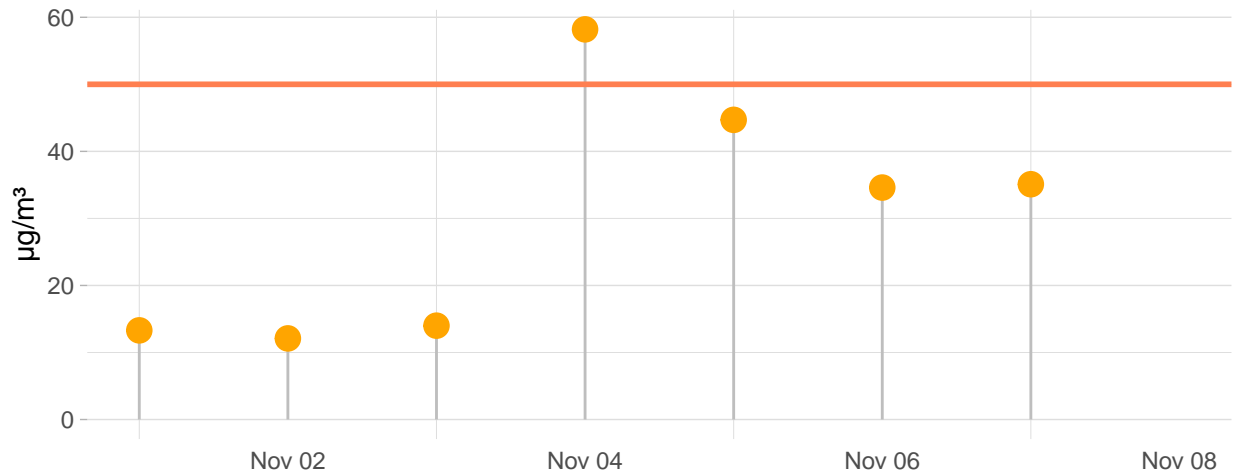


PM10 & PM2.5 hourly averages

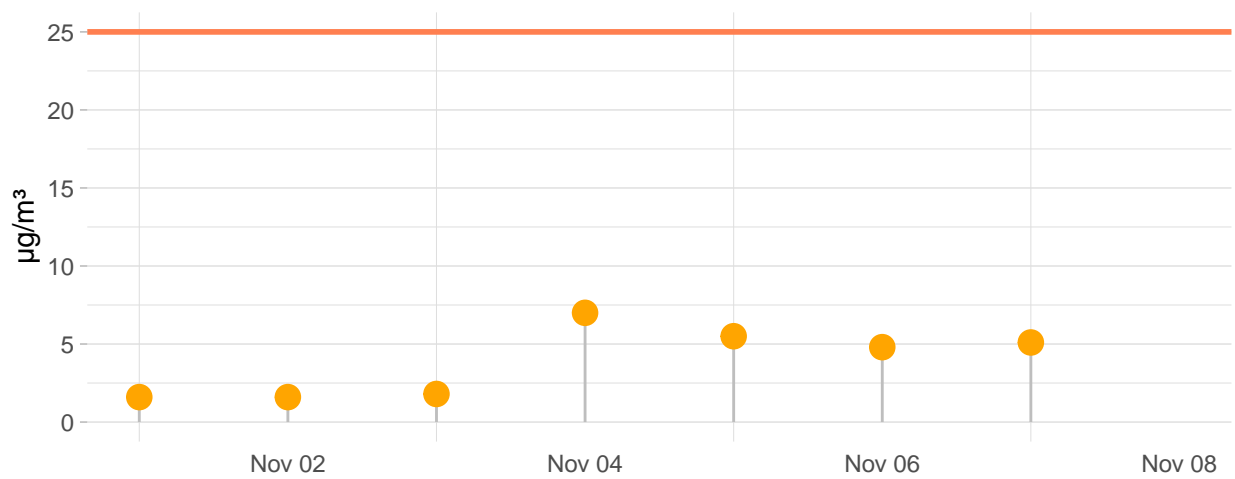




PM10 daily averages



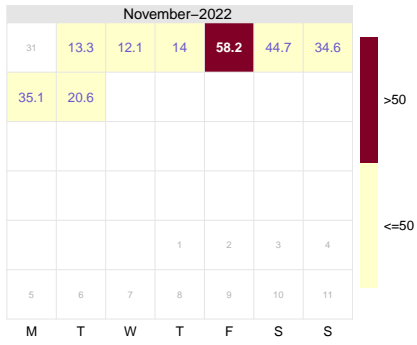
PM2.5 daily averages



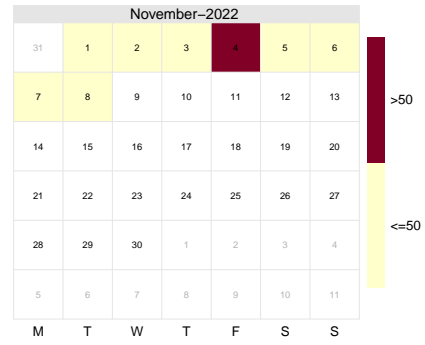


Daily Exceedances

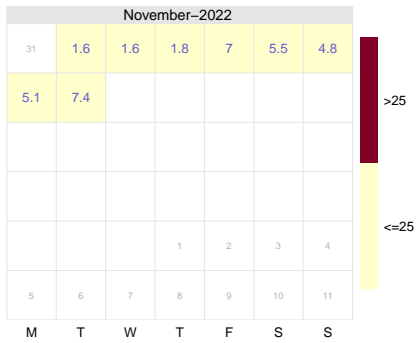
PM₁₀- Daily Exceedances at Ben397



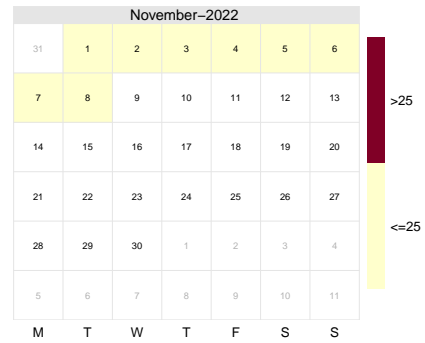
PM₁₀- Days with Exceedances at Ben397



PM_{2.5}- Daily Exceedances at Ben397

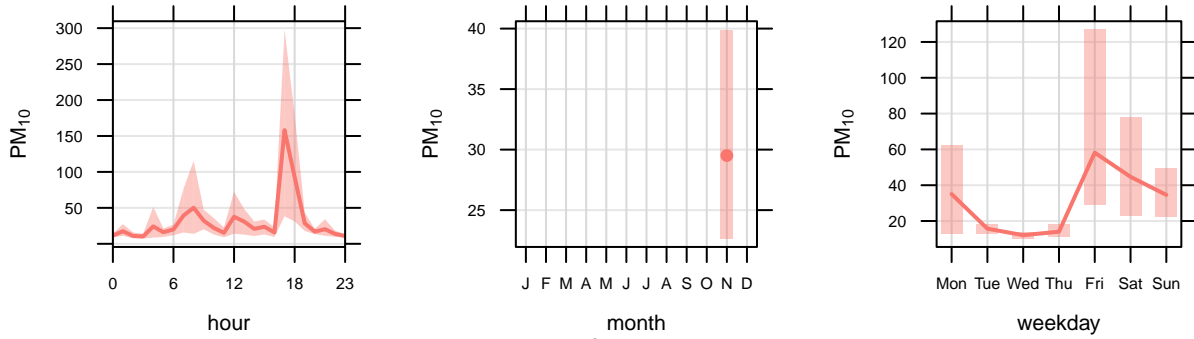
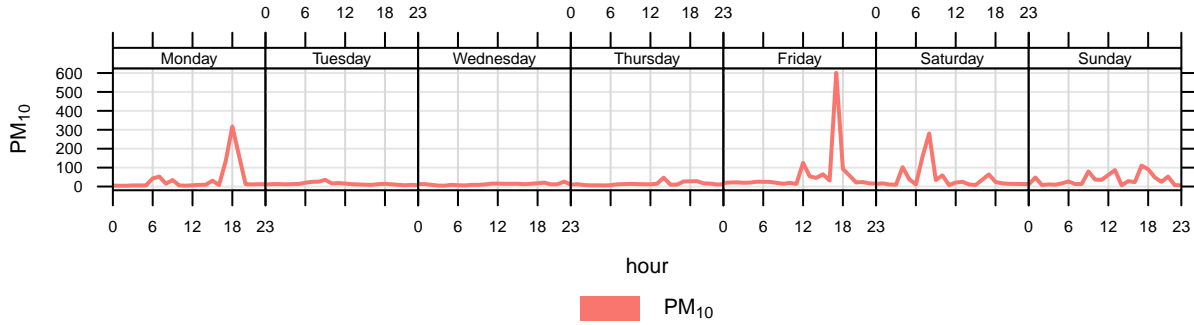


PM_{2.5}- Days with Exceedances at Ben397

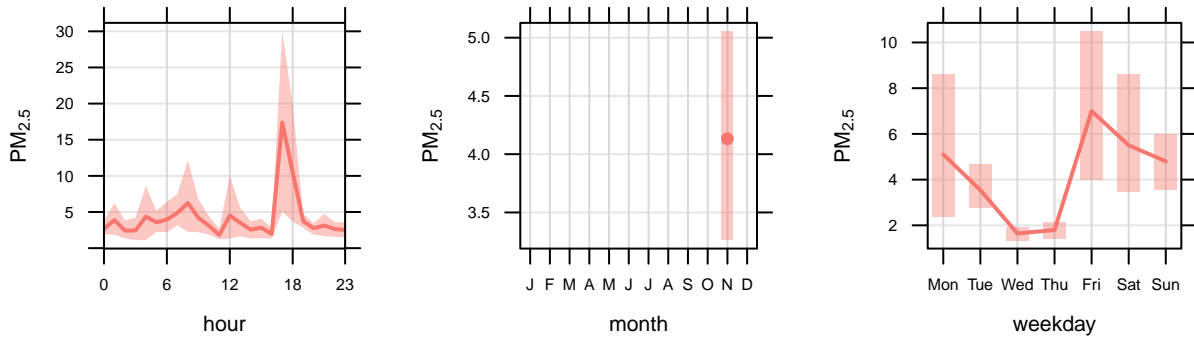
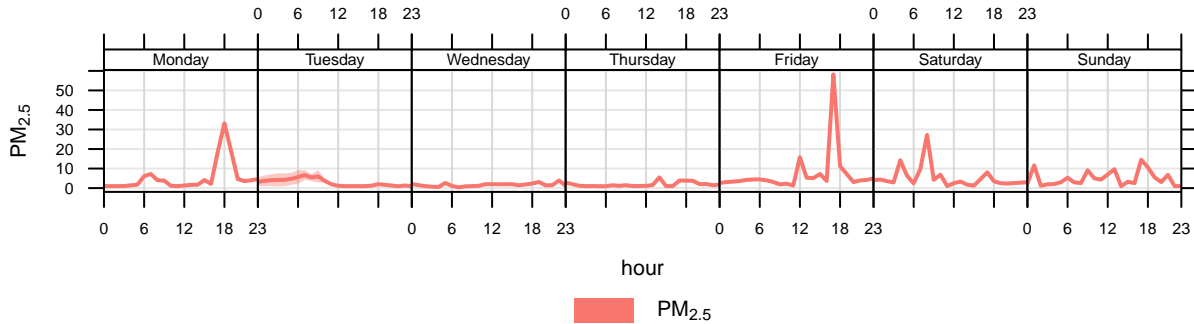




PM₁₀ Time variation at Ben397



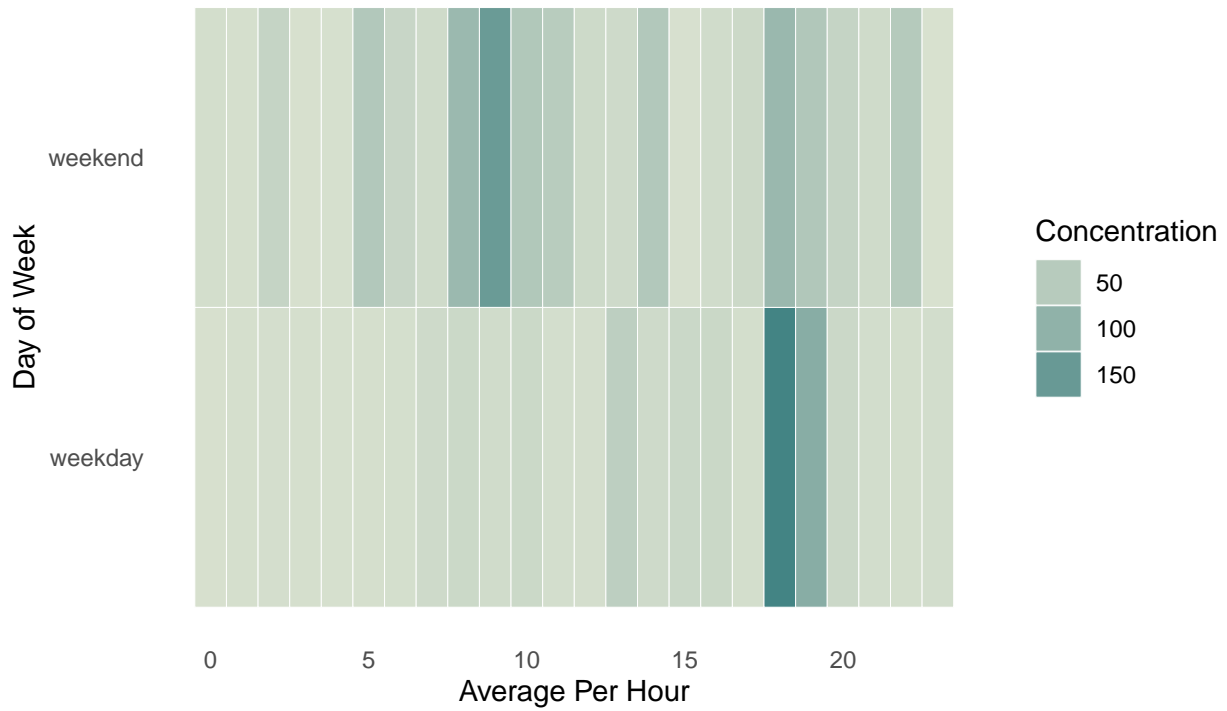
PM_{2.5} Time variation at Ben397



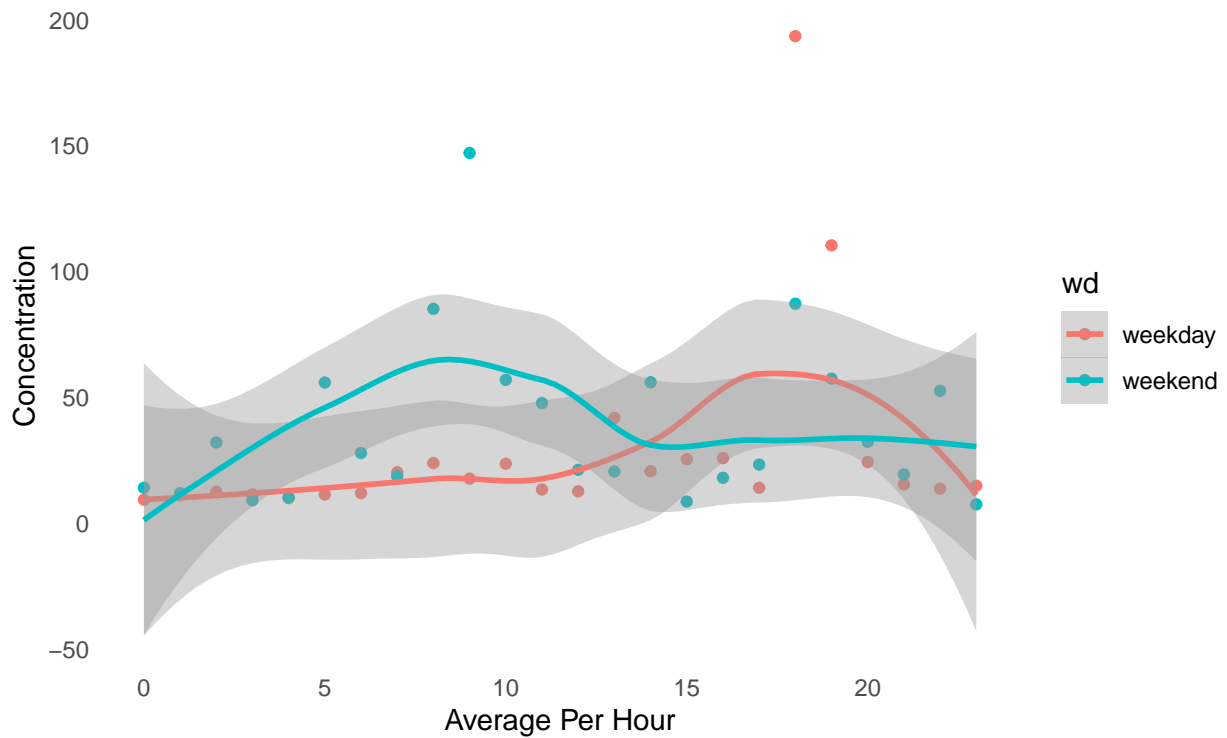
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

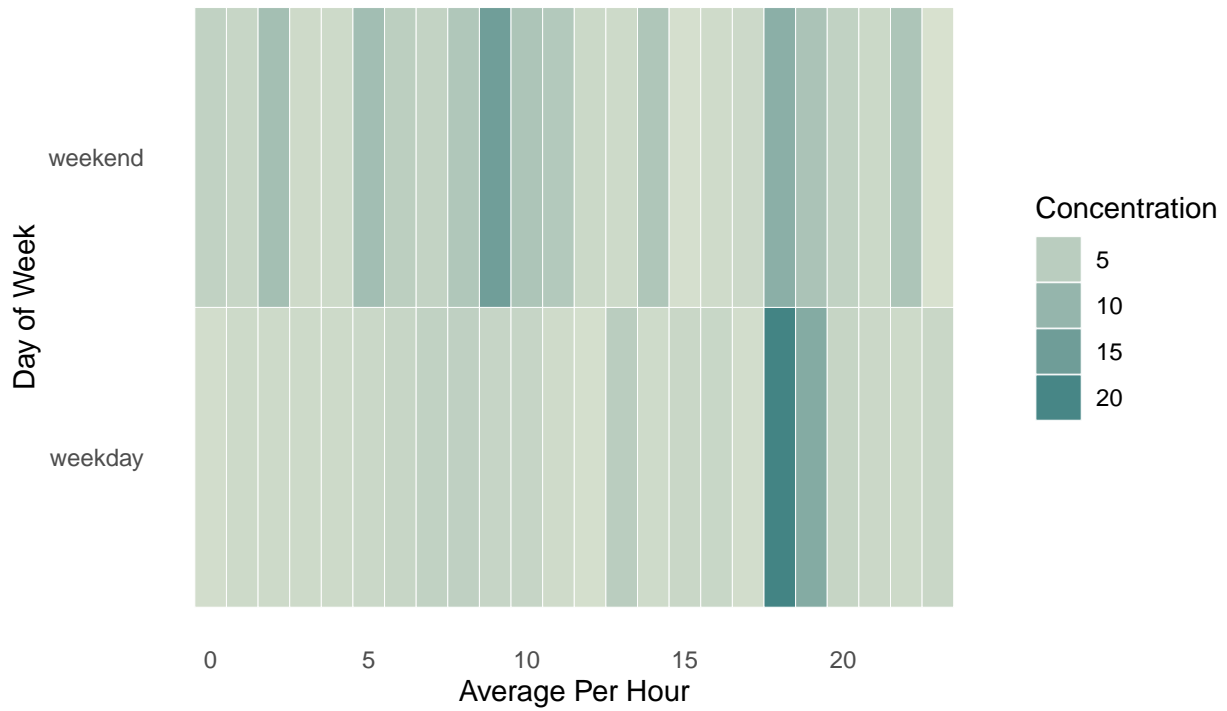


PM10 concentration by weekday and weekend with trend

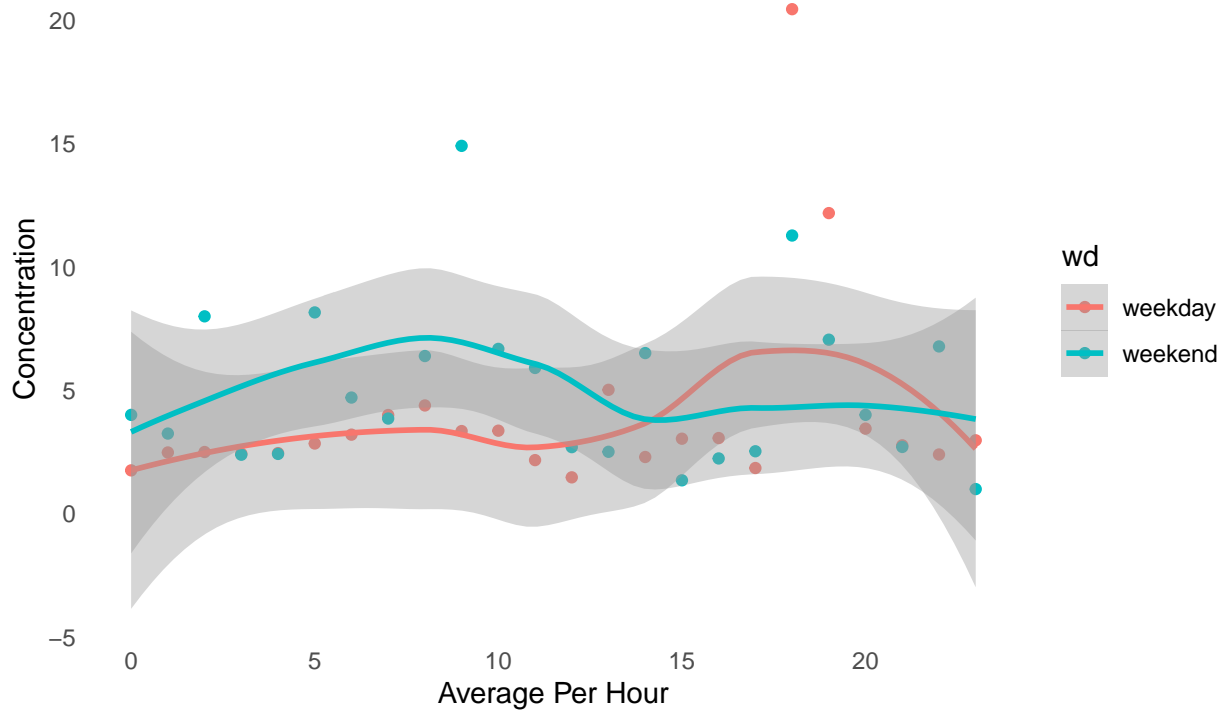




PM2.5 concentration by Weekday/weekend and Hour

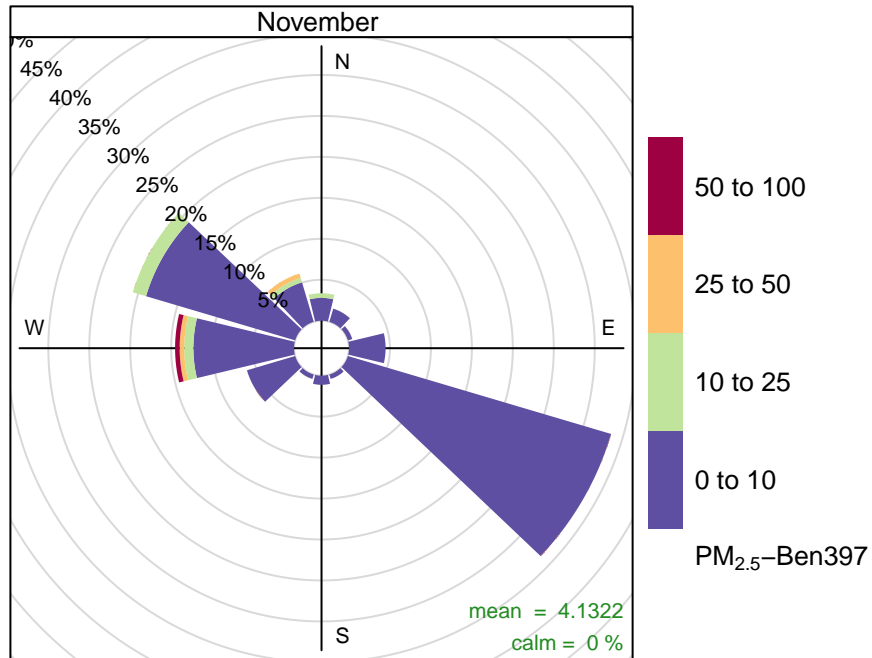


PM2.5 concentration by weekday and weekend with trend



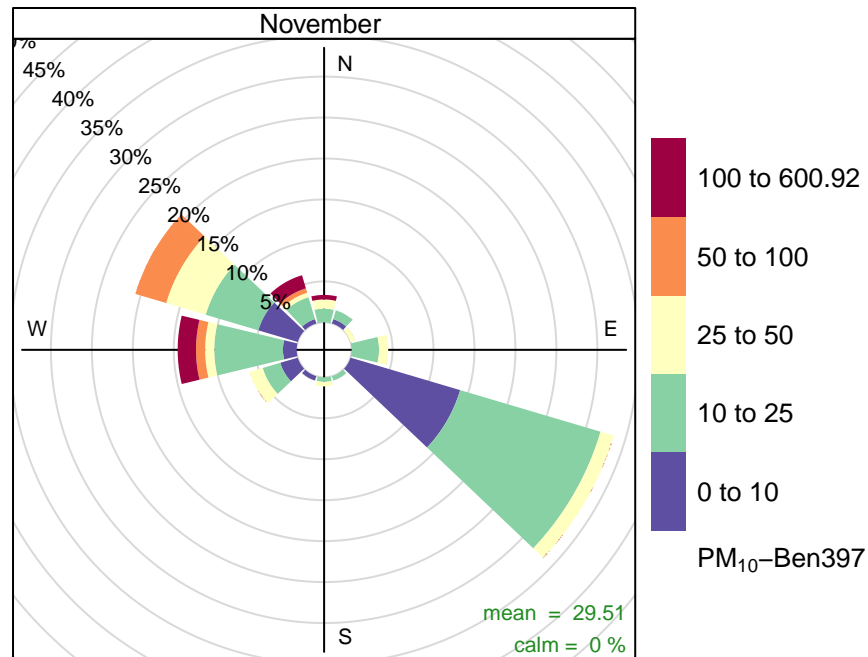


PM_{2.5} pollution rose at Ben397



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben397



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN398]

May-June 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-05-02	NA	NA	41.7	41.7
2022-05-03	2.6	8.4	100.0	100.0
2022-05-04	2.3	12.7	95.8	95.8
2022-05-05	2.2	12.6	100.0	100.0
2022-05-06	5.1	24.7	100.0	100.0
2022-05-07	4.4	9.7	100.0	100.0
2022-05-08	3.0	7.8	100.0	100.0
2022-05-09	3.9	9.1	100.0	100.0
2022-05-10	8.9	15.1	100.0	100.0
2022-05-11	6.9	11.2	100.0	100.0
2022-05-12	9.1	15.3	100.0	100.0
2022-05-13	4.0	8.3	100.0	100.0
2022-05-14	4.1	8.9	100.0	100.0
2022-05-15	4.3	9.9	100.0	100.0
2022-05-16	3.5	9.2	100.0	100.0
2022-05-17	3.6	15.6	100.0	100.0
2022-05-18	2.8	11.3	100.0	100.0
2022-05-19	4.5	16.7	100.0	100.0
2022-05-20	3.1	13.2	100.0	100.0
2022-05-21	2.2	6.6	100.0	100.0
2022-05-22	3.2	8.8	91.7	91.7
2022-05-23	4.7	12.9	100.0	100.0
2022-05-24	7.5	13.0	100.0	100.0
2022-05-25	5.0	11.8	100.0	100.0
2022-05-26	3.8	10.8	100.0	100.0
2022-05-27	6.3	12.3	100.0	100.0
2022-05-28	6.8	13.3	100.0	100.0
2022-05-29	6.2	13.7	95.8	95.8
2022-05-30	6.0	12.8	100.0	100.0
2022-05-31	10.0	18.1	100.0	100.0
2022-06-01	2.4	4.3	100.0	100.0
2022-06-02	2.1	4.1	100.0	100.0
2022-06-03	4.1	5.6	100.0	100.0
2022-06-04	4.2	5.9	100.0	100.0
2022-06-05	2.6	5.1	100.0	100.0
2022-06-06	3.4	6.3	100.0	100.0
2022-06-07	4.1	6.7	100.0	100.0
2022-06-08	5.9	11.6	100.0	100.0
2022-06-09	5.4	11.5	100.0	100.0
2022-06-10	5.0	9.4	100.0	100.0
2022-06-11	8.8	13.3	100.0	100.0
2022-06-12	11.5	15.7	100.0	100.0
2022-06-13	13.0	18.9	100.0	100.0
2022-06-14	10.7	15.5	100.0	100.0
2022-06-15	10.4	14.3	100.0	100.0



(continued)

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-06-16	9.1	12.8	100.0	100.0
2022-06-17	9.9	19.1	100.0	100.0
2022-06-18	11.3	16.0	100.0	100.0
2022-06-19	10.8	16.1	95.8	95.8
2022-06-20	8.1	16.7	100.0	100.0
2022-06-21	9.1	15.5	100.0	100.0
2022-06-22	9.9	16.8	100.0	100.0
2022-06-23	12.3	19.8	100.0	100.0
2022-06-24	12.6	19.6	100.0	100.0
2022-06-25	11.9	18.0	100.0	100.0
2022-06-26	12.0	20.4	100.0	100.0
2022-06-27	11.0	21.6	100.0	100.0
2022-06-28	8.3	15.3	100.0	100.0
2022-06-29	9.5	14.8	100.0	100.0
2022-06-30	11.2	17.0	100.0	100.0

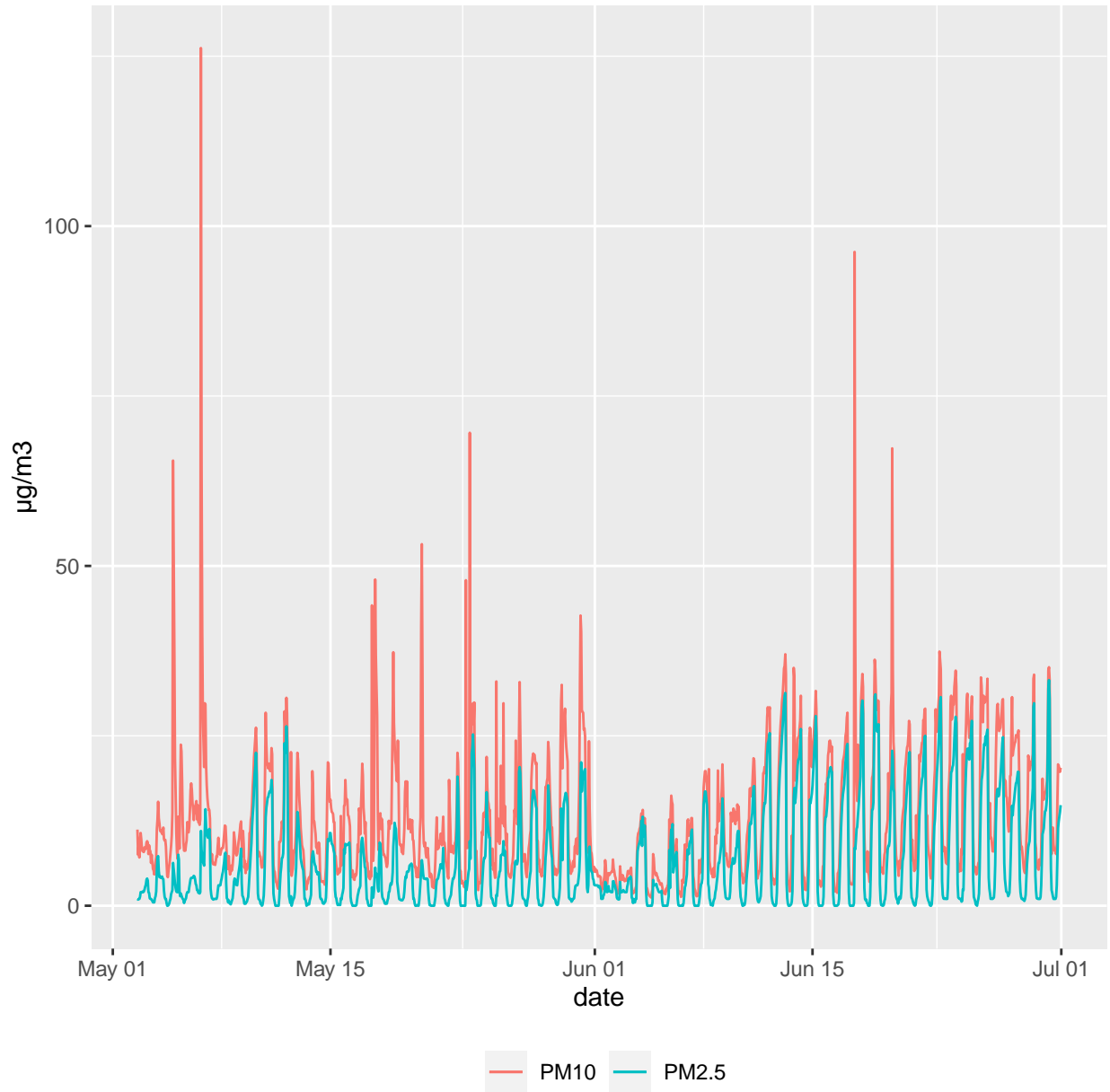
Monthly Average

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
May 2022	4.827586	12.20	97.50	97.50
June 2022	8.353333	13.59	99.86	99.86

NA - Not enough data to calculate averages

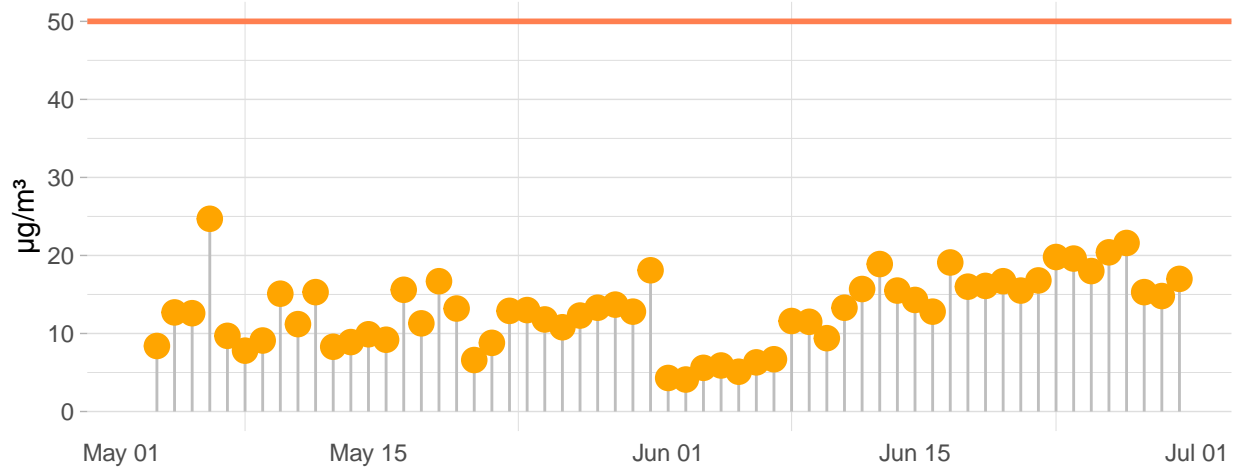


PM10 & PM2.5 hourly averages

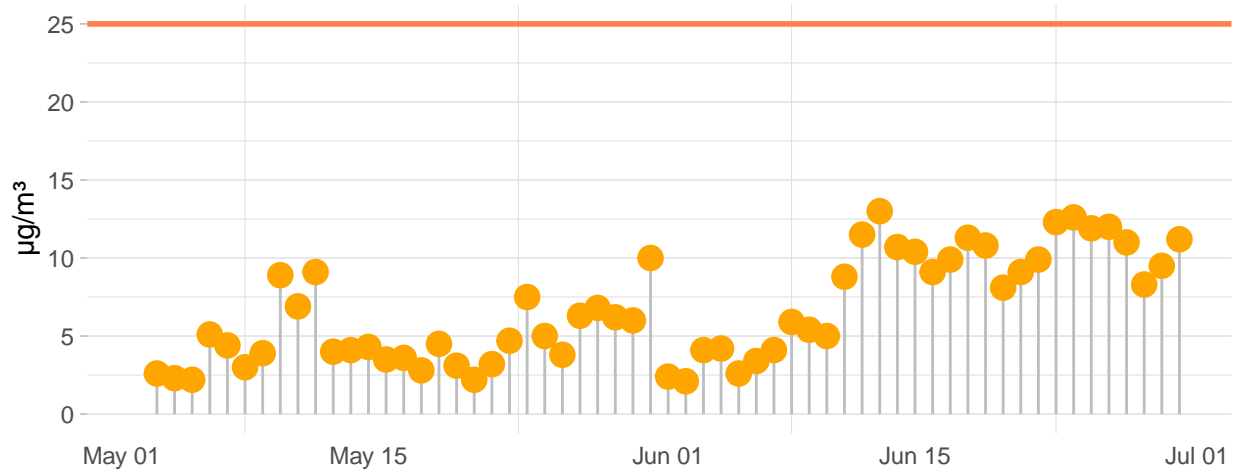




PM10 daily averages



PM2.5 daily averages





Daily Exceedances

PM₁₀. Daily Exceedances at Ben398

May-2022							June-2022						
25	26	27	28	29	30		30	31	4.3	4	5.6	5.9	5.1
8.9	8.4	12.7	12.6	24.7	9.7	7.8	6.3	6.7	11.6	11.5	9.4	13.3	15.7
9.1	15.1	11.2	15.3	8.3	8.9	9.9	18.9	15.5	14.3	12.8	19.1	16	16.1
9.2	15.6	11.3	16.7	13.2	6.6	8.8	16.7	15.5	16.8	19.8	19.6	18	20.4
12.9	13	11.8	10.8	12.3	13.3	13.7	21.6	15.3	14.8	17	1	2	3
12.8	18.1	1	2	3	4	5	4	5	6	7	8	9	10
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM₁₀. Days with Exceedances at Ben398

May-2022							June-2022						
25	26	27	28	29	30	1	30	31	1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30	1	2	3
30	31	1	2	3	4	5	4	5	6	7	8	9	10
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Daily Exceedances at Ben398

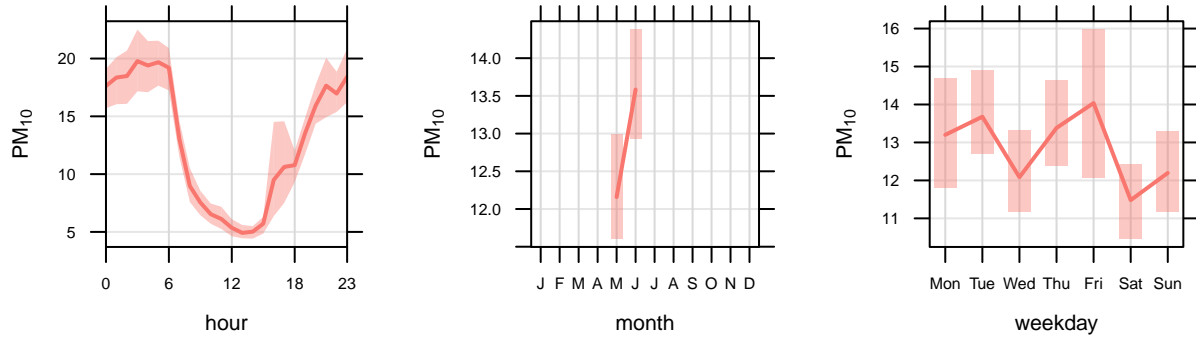
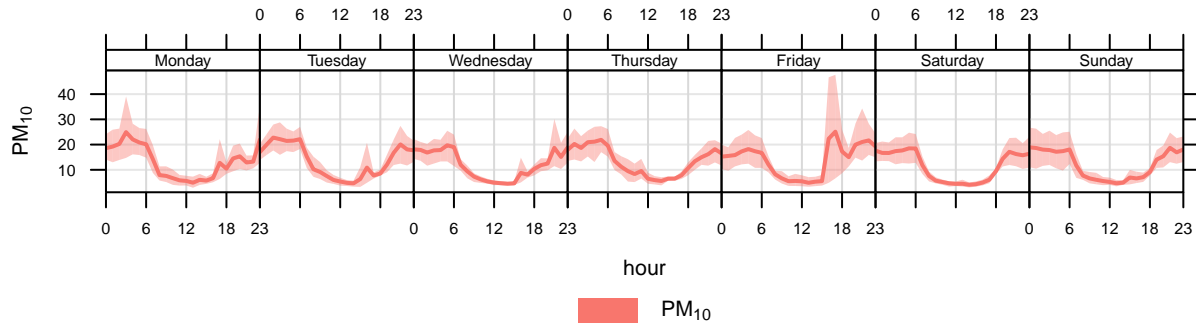
May-2022							June-2022						
25	26	27	28	29	30		30	31	2.4	2.1	4.1	4.2	2.6
1.5	2.6	2.3	2.2	5.1	4.4	3	3.4	4	5.9	5.4	5	8.8	11.5
3.9	8.9	6.9	9.1	4	4.1	4.3	13	10.7	10.4	9.1	9.9	11.3	10.8
3.5	3.6	2.8	4.5	3.1	2.2	3.2	8.1	9.1	9.9	12.3	12.6	11.9	11.9
4.7	7.5	5	3.8	6.3	6.8	6.2	11	8.3	9.5	11.2	1	2	3
6	10	1	2	3	4	5	4	5	6	7	8	9	10
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Days with Exceedances at Ben398

May-2022							June-2022						
25	26	27	28	29	30	1	30	31	1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30	1	2	3
30	31	1	2	3	4	5	4	5	6	7	8	9	10
M	T	W	T	F	S	S	M	T	W	T	F	S	S

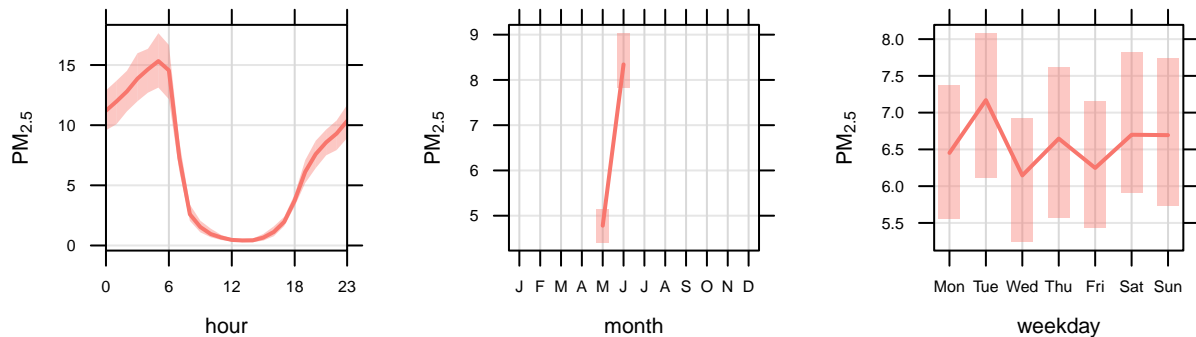
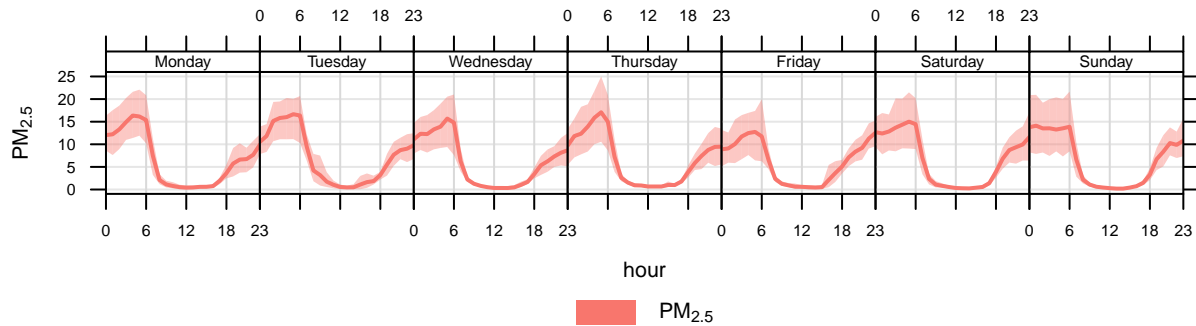


PM₁₀ Time variation at Ben398



mean and 95% confidence interval in mean

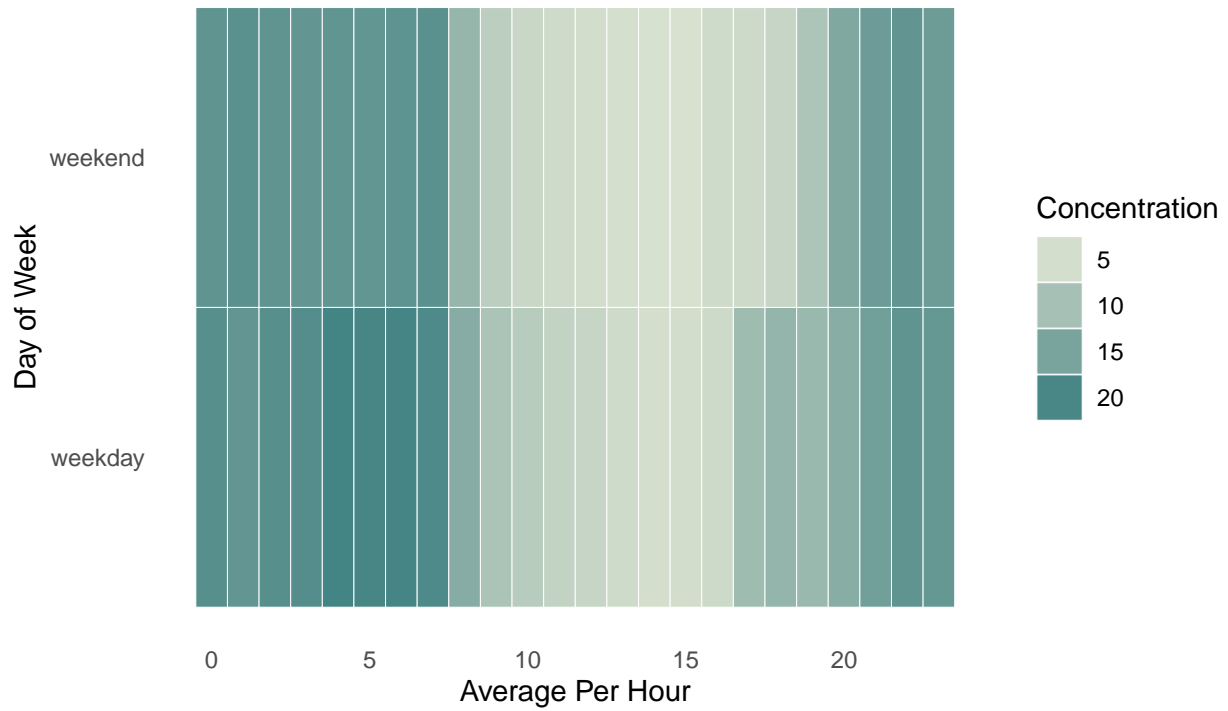
PM_{2.5} Time variation at Ben398



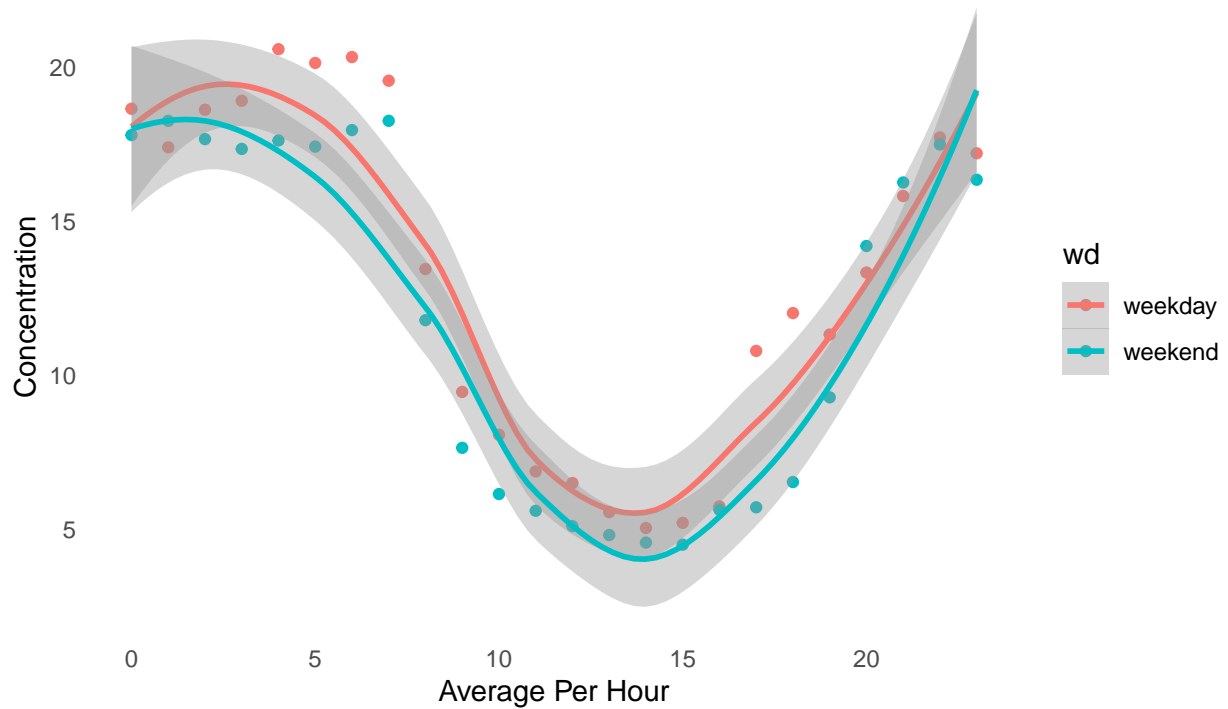
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

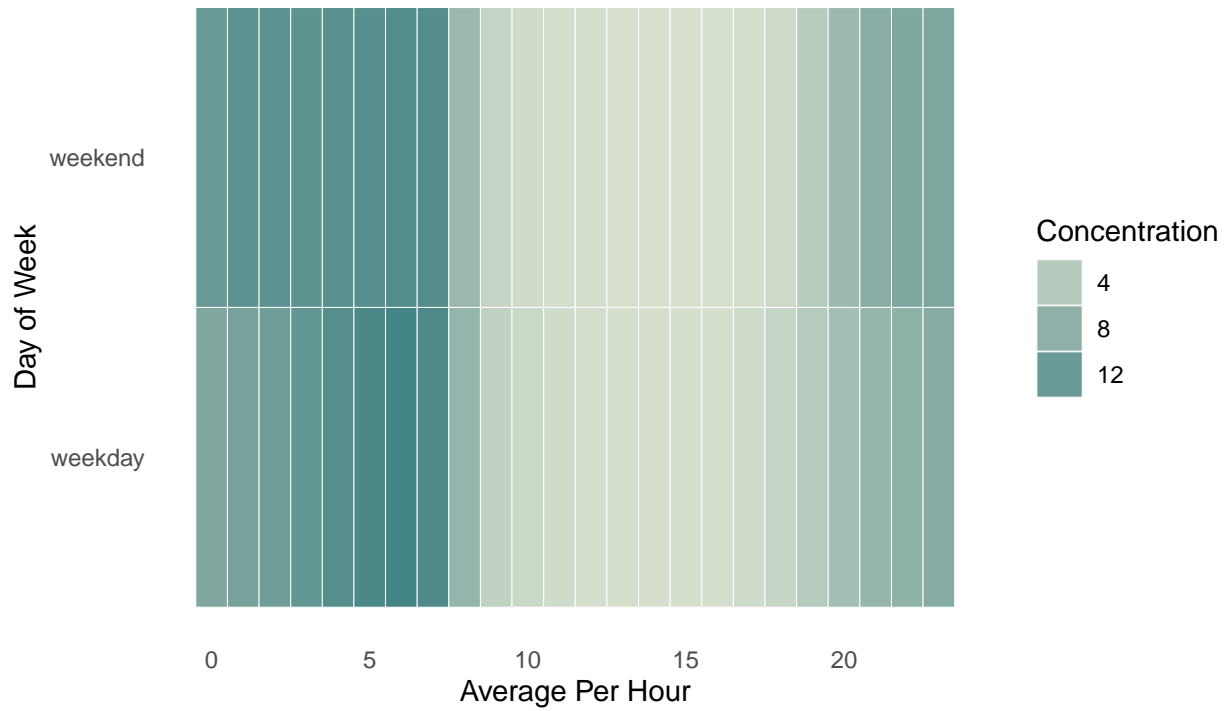


PM10 concentration by weekday and weekend with trend

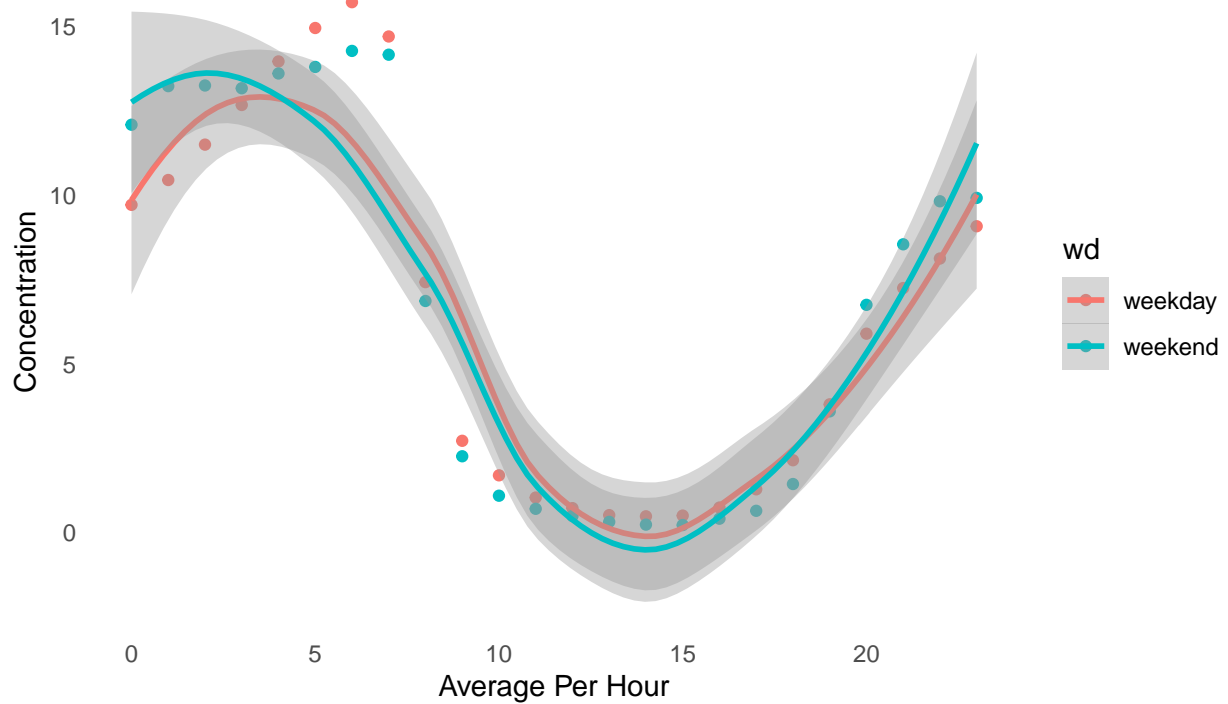




PM2.5 concentration by Weekday/weekend and Hour



PM2.5 concentration by weekday and weekend with trend



Bi-Monthly Air Quality Reports 2022 [BEN398]

July-August 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-07-01	12.0	19.8	100.0	100.0
2022-07-02	13.7	21.5	100.0	100.0
2022-07-03	16.2	24.7	100.0	100.0
2022-07-04	23.3	30.0	100.0	100.0
2022-07-05	25.7	33.3	100.0	100.0
2022-07-06	22.1	26.0	100.0	100.0
2022-07-07	18.8	22.9	100.0	100.0
2022-07-08	20.6	25.5	100.0	100.0
2022-07-09	21.2	25.9	100.0	100.0
2022-07-10	19.2	24.6	100.0	100.0
2022-07-11	20.5	25.6	100.0	100.0
2022-07-12	21.0	26.6	95.8	95.8
2022-07-13	21.1	26.7	95.8	95.8
2022-07-14	20.5	26.3	100.0	100.0
2022-07-15	20.4	27.7	100.0	100.0
2022-07-16	18.5	23.7	100.0	100.0
2022-07-17	21.2	28.9	100.0	100.0
2022-07-18	19.3	25.7	100.0	100.0
2022-07-19	17.1	24.4	95.8	95.8
2022-07-20	16.6	24.3	100.0	100.0
2022-07-21	13.3	20.3	100.0	100.0
2022-07-22	14.4	20.7	100.0	100.0
2022-07-23	13.3	19.2	100.0	100.0
2022-07-24	14.2	20.2	100.0	100.0
2022-07-25	11.1	18.9	100.0	100.0
2022-07-26	9.3	15.8	100.0	100.0
2022-07-27	11.1	20.6	100.0	100.0
2022-07-28	13.0	20.1	100.0	100.0
2022-07-29	14.3	20.1	100.0	100.0
2022-07-30	16.5	24.4	100.0	100.0
2022-07-31	14.4	21.6	100.0	100.0
2022-08-01	13.1	23.9	100.0	100.0
2022-08-02	13.2	20.1	100.0	100.0
2022-08-03	9.0	13.7	95.8	95.8
2022-08-04	7.1	12.1	100.0	100.0
2022-08-05	12.3	24.4	100.0	100.0
2022-08-06	11.0	18.9	100.0	100.0
2022-08-07	9.2	15.5	100.0	100.0
2022-08-08	9.7	15.5	100.0	100.0
2022-08-09	7.4	12.8	87.5	87.5
2022-08-10	6.3	18.4	100.0	100.0
2022-08-11	6.6	20.9	100.0	100.0
2022-08-12	7.1	12.4	100.0	100.0
2022-08-13	5.8	13.7	100.0	100.0
2022-08-14	6.7	11.9	100.0	100.0



(continued)

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-08-15	9.1	15.3	100.0	100.0
2022-08-16	11.4	16.7	91.7	91.7
2022-08-17	11.9	17.2	100.0	100.0
2022-08-18	10.9	21.8	100.0	100.0
2022-08-19	8.5	23.1	100.0	100.0
2022-08-20	9.9	23.4	100.0	100.0
2022-08-21	12.3	21.0	100.0	100.0
2022-08-22	12.3	19.9	100.0	100.0
2022-08-23	10.6	23.7	100.0	100.0
2022-08-24	14.4	39.5	100.0	100.0
2022-08-25	16.5	30.3	95.8	95.8
2022-08-26	17.2	28.1	100.0	100.0
2022-08-27	13.1	21.7	100.0	100.0
2022-08-28	17.8	29.1	100.0	100.0
2022-08-29	11.7	22.0	91.7	91.7
2022-08-30	6.9	15.9	100.0	100.0
2022-08-31	7.4	16.7	100.0	100.0

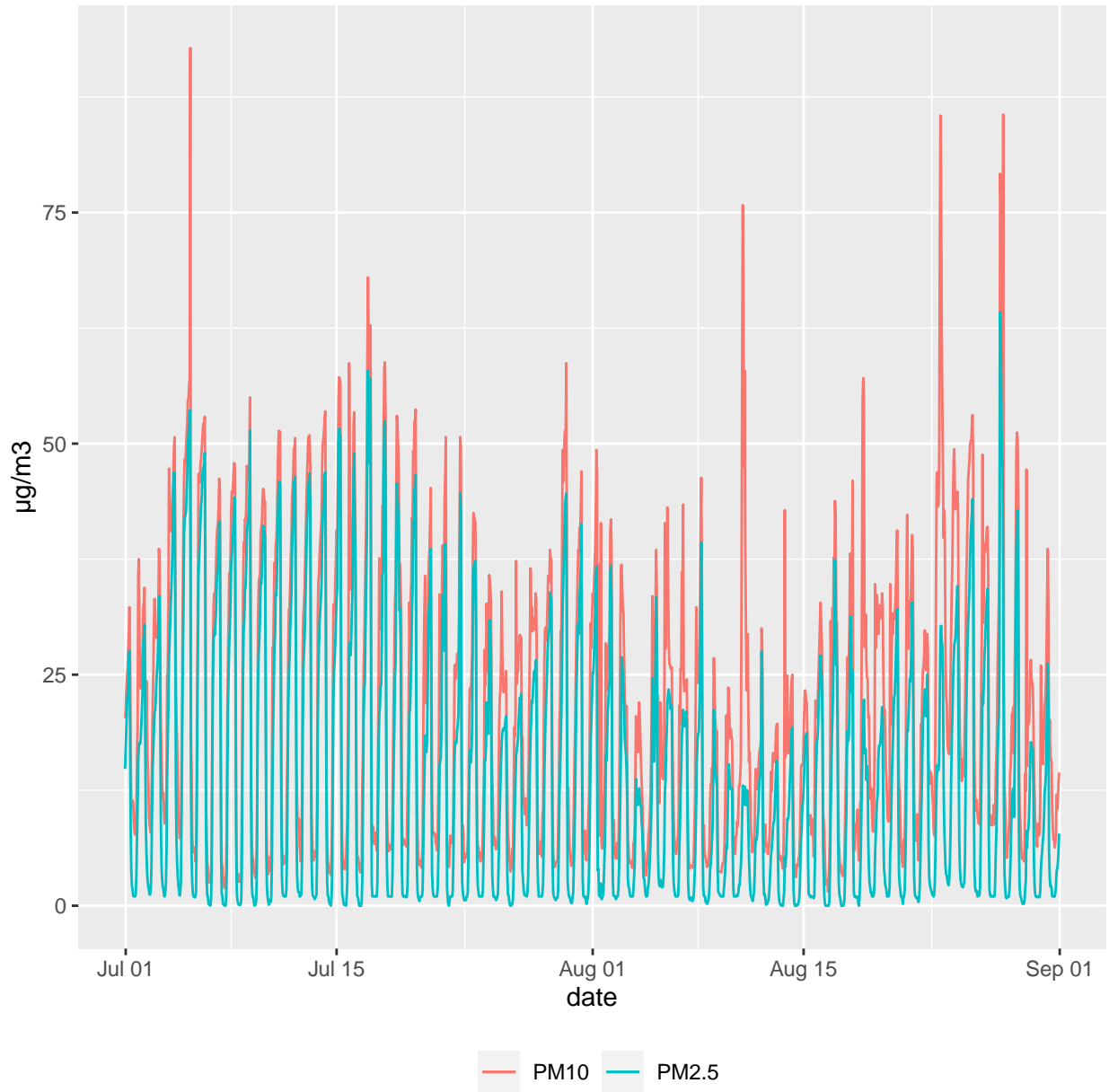
Monthly Average

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
July 2022	17.22258	23.74194	99.59355	99.59355
August 2022	10.52903	19.98710	98.79032	98.79032

NA - Not enough data to calculate averages

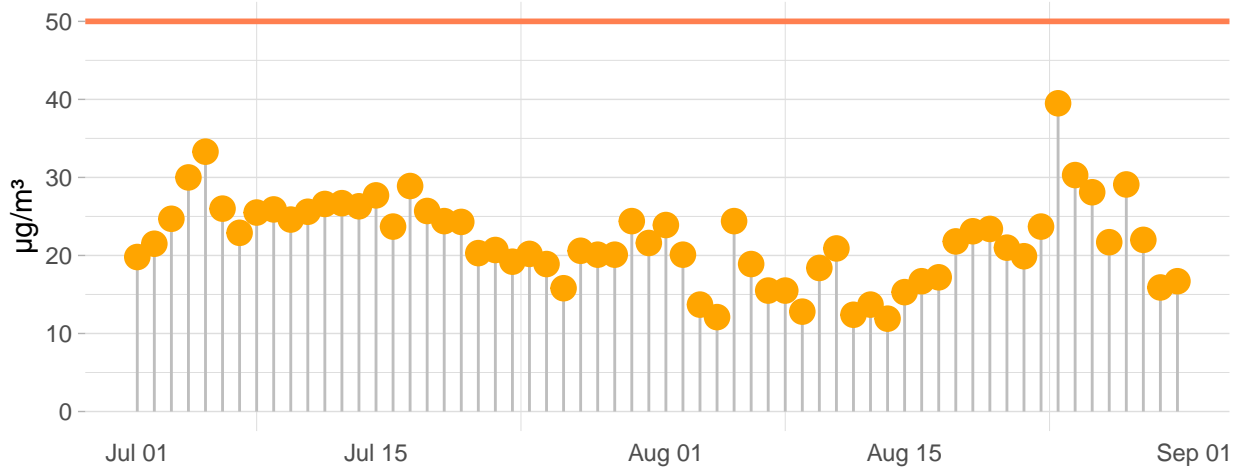


PM10 & PM2.5 hourly averages

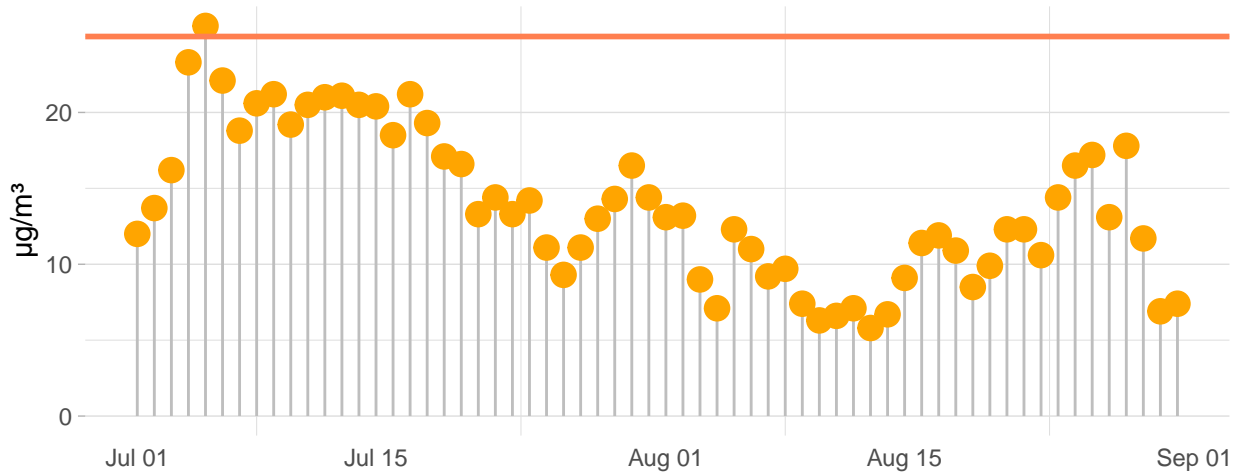




PM10 daily averages



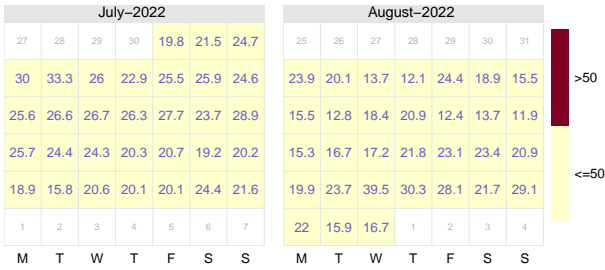
PM2.5 daily averages



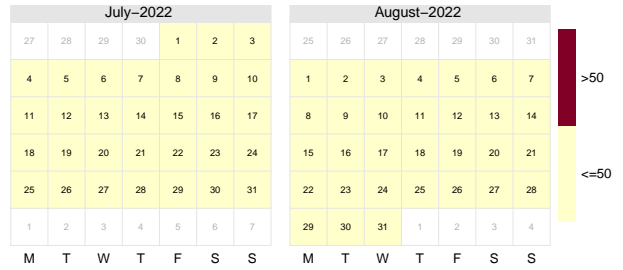


Daily Exceedances

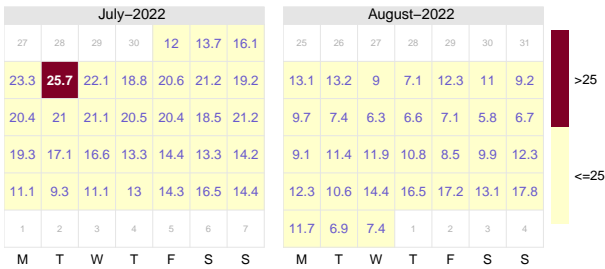
PM₁₀. Daily Exceedances at Ben398



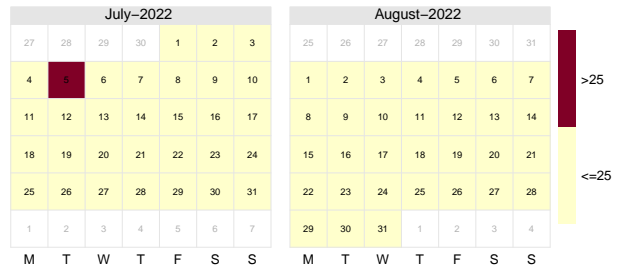
PM₁₀. Days with Exceedances at Ben398



PM_{2.5}. Daily Exceedances at Ben398

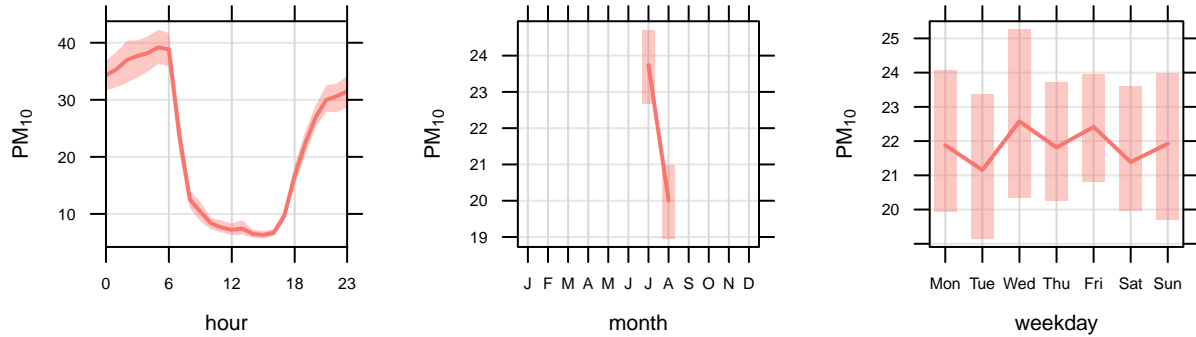
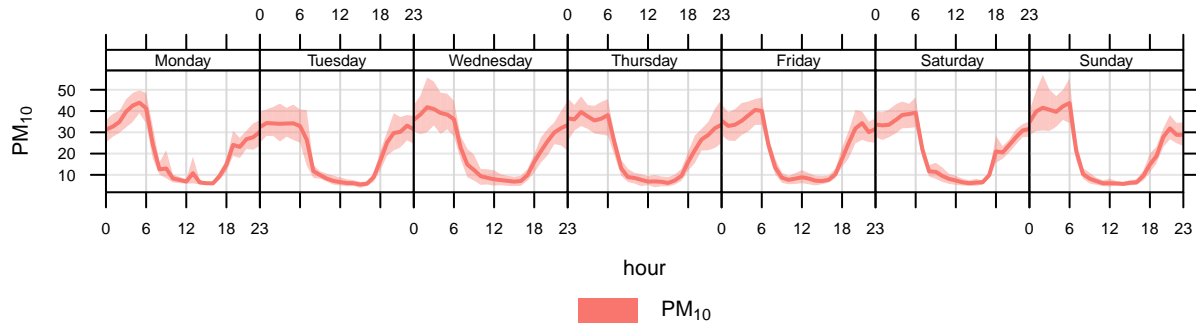


PM_{2.5}. Days with Exceedances at Ben398



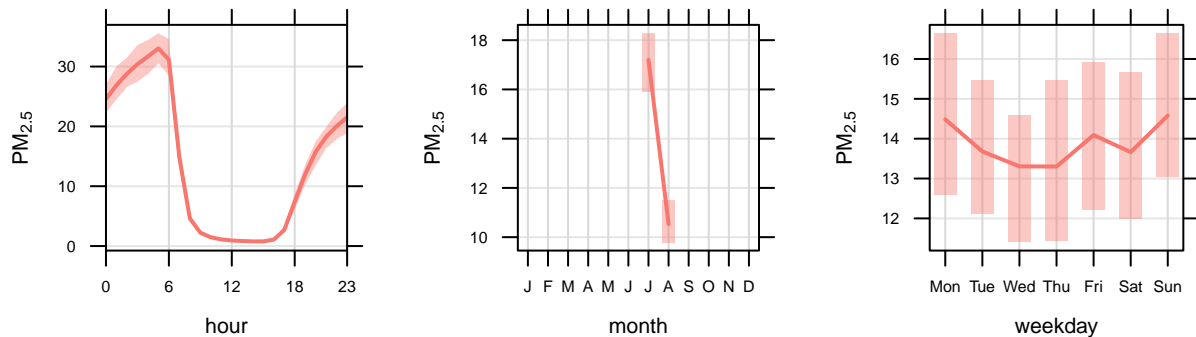
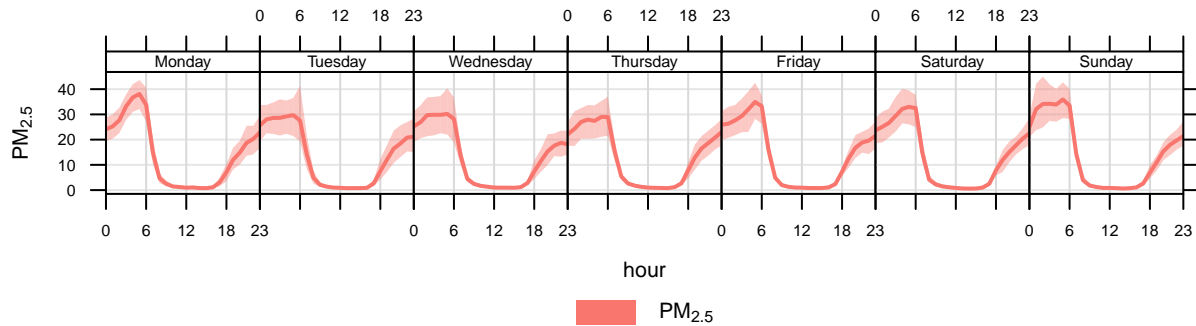


PM₁₀ Time variation at Ben398



mean and 95% confidence interval in mean

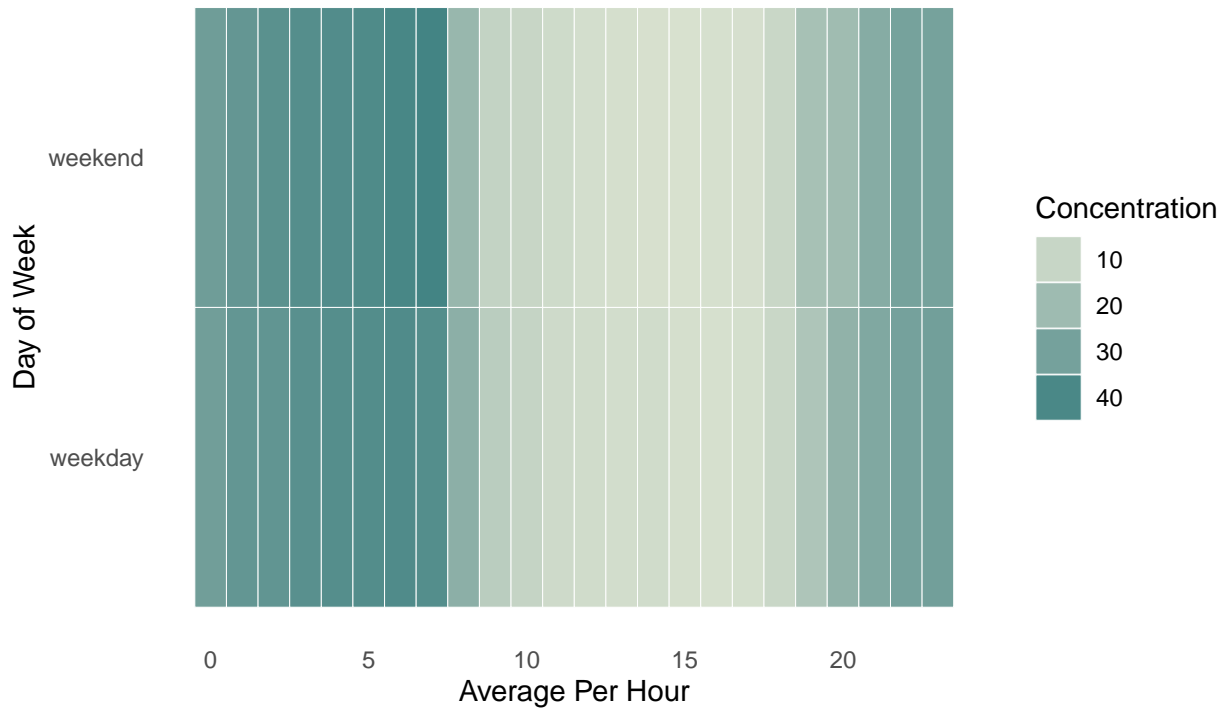
PM_{2.5} Time variation at Ben398



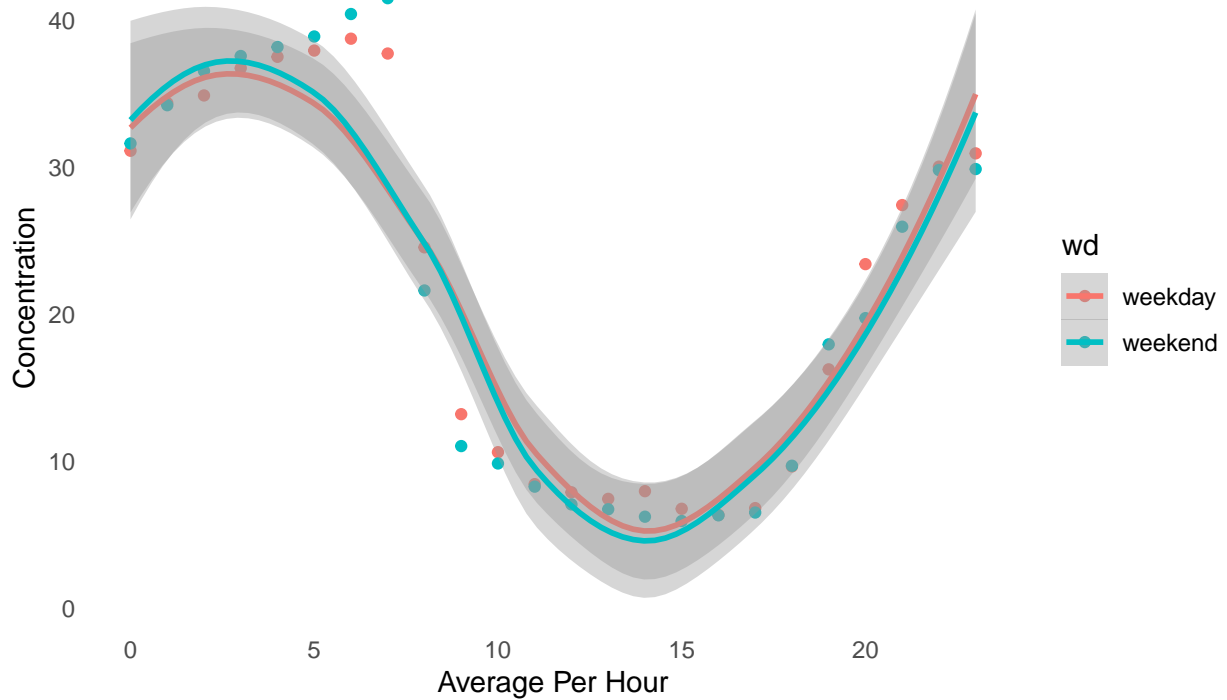
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

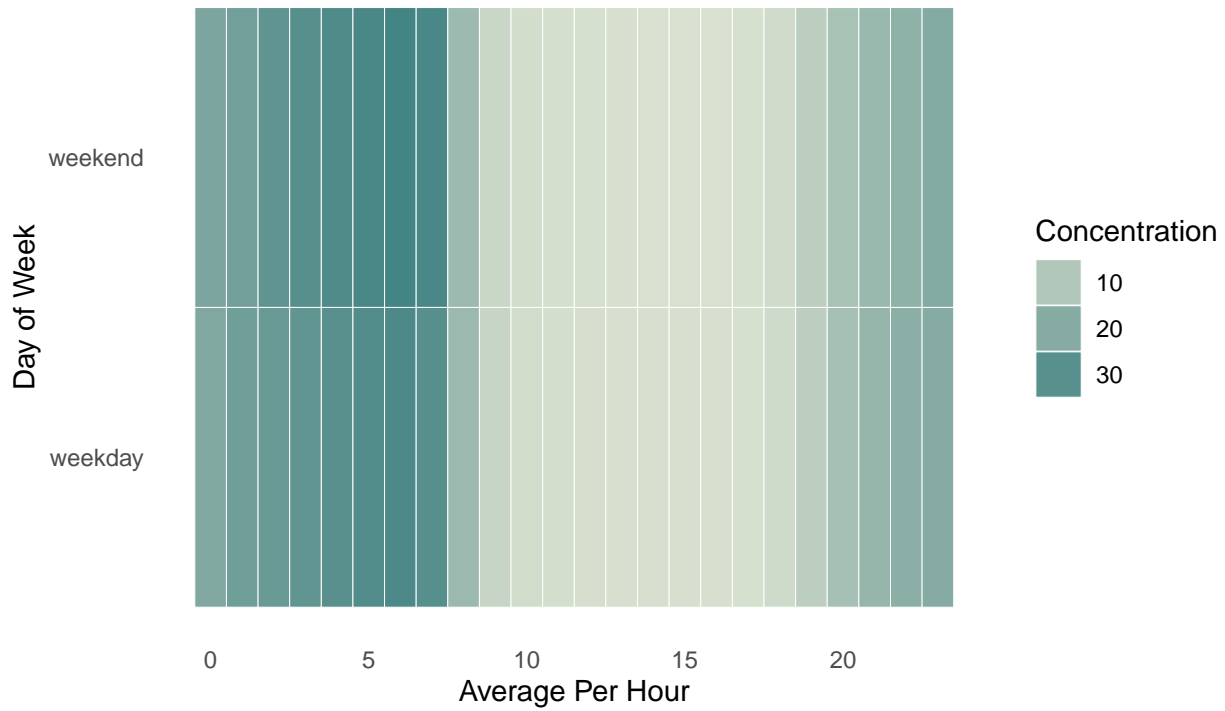


PM10 concentration by weekday and weekend with trend

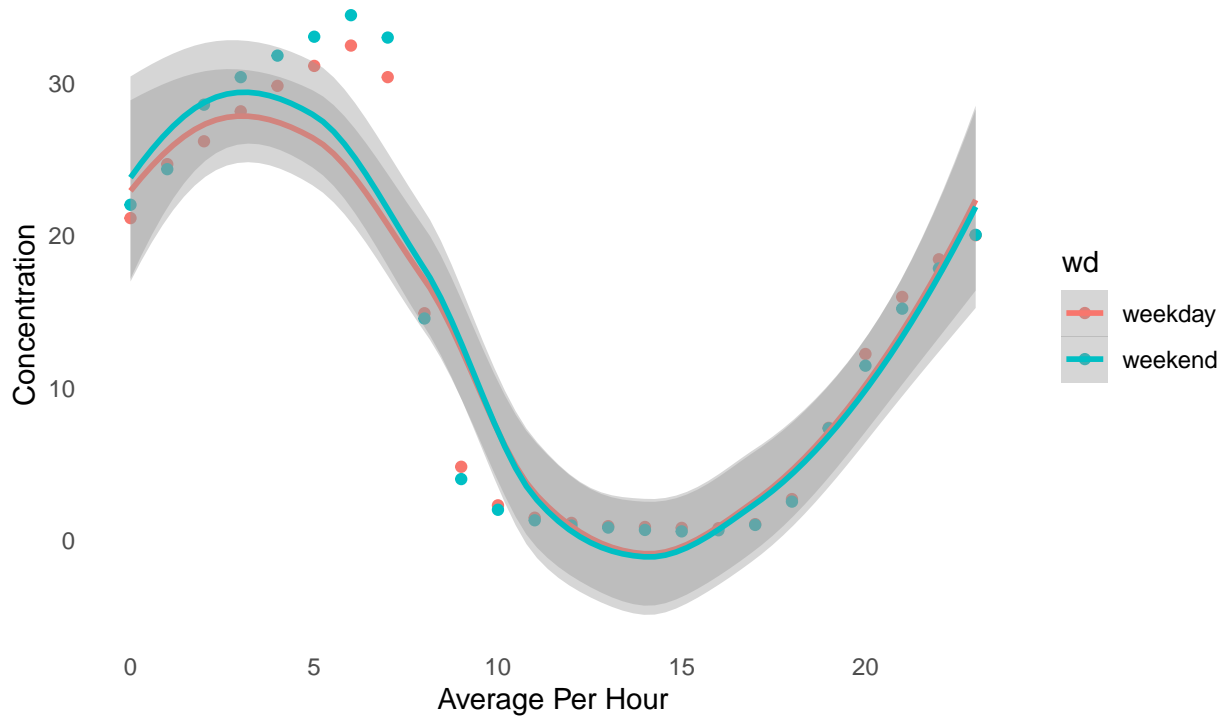




PM2.5 concentration by Weekday/weekend and Hour



PM2.5 concentration by weekday and weekend with trend



Bi-Monthly Air Quality Reports 2022 [BEN398]
September-October 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-09-01	5.1	12.2	83.3	83.3
2022-09-02	4.6	10.9	100.0	100.0
2022-09-03	3.1	8.2	100.0	100.0
2022-09-04	3.5	7.6	100.0	100.0
2022-09-05	4.3	7.5	100.0	100.0
2022-09-06	5.6	9.4	100.0	100.0
2022-09-07	5.4	9.5	100.0	100.0
2022-09-08	7.6	12.0	100.0	100.0
2022-09-09	7.6	11.5	100.0	100.0
2022-09-10	6.0	10.2	100.0	100.0
2022-09-11	6.9	10.4	100.0	100.0
2022-09-12	5.6	9.8	100.0	100.0
2022-09-13	6.4	11.4	100.0	100.0
2022-09-14	5.6	10.1	95.8	95.8
2022-09-15	4.7	11.8	100.0	100.0
2022-09-16	4.6	10.5	100.0	100.0
2022-09-17	4.9	10.2	100.0	100.0
2022-09-18	6.5	13.4	100.0	100.0
2022-09-19	5.5	12.2	100.0	100.0
2022-09-20	9.2	23.9	100.0	100.0
2022-09-21	4.0	12.9	100.0	100.0
2022-09-22	4.0	13.6	95.8	95.8
2022-09-23	4.8	12.0	100.0	100.0
2022-09-24	4.8	10.1	100.0	100.0
2022-09-25	4.7	11.5	100.0	100.0
2022-09-26	5.8	13.4	100.0	100.0
2022-09-27	4.7	12.7	100.0	100.0
2022-09-28	5.0	11.0	100.0	100.0
2022-09-29	4.8	9.6	100.0	100.0
2022-09-30	4.2	7.6	100.0	100.0
2022-10-01	2.7	5.2	91.7	91.7
2022-10-02	NA	NA	NA	NA
2022-10-03	5.1	9.0	100.0	100.0
2022-10-04	4.5	7.2	100.0	100.0
2022-10-05	4.2	6.4	100.0	100.0
2022-10-06	3.9	6.2	100.0	100.0
2022-10-07	2.4	4.6	100.0	100.0
2022-10-08	2.7	7.1	100.0	100.0
2022-10-09	2.8	8.0	100.0	100.0
2022-10-10	3.4	9.2	100.0	100.0
2022-10-11	3.5	7.7	87.5	87.5
2022-10-12	5.1	10.1	75.0	75.0
2022-10-13	7.2	19.0	100.0	100.0
2022-10-14	4.6	11.2	100.0	100.0
2022-10-15	4.3	10.3	100.0	100.0



(continued)

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-10-16	3.6	8.4	100.0	100.0
2022-10-17	4.4	8.7	100.0	100.0
2022-10-18	4.6	13.6	100.0	100.0
2022-10-19	2.9	10.0	100.0	100.0
2022-10-20	2.1	9.0	100.0	100.0
2022-10-21	3.1	8.7	100.0	100.0
2022-10-22	3.3	8.3	100.0	100.0
2022-10-23	4.6	8.8	100.0	100.0
2022-10-24	5.9	11.7	100.0	100.0
2022-10-25	5.7	11.2	100.0	100.0
2022-10-26	6.0	11.8	100.0	100.0
2022-10-27	4.1	8.5	100.0	100.0
2022-10-28	5.8	11.2	100.0	100.0
2022-10-29	7.3	12.7	100.0	100.0
2022-10-30	5.7	10.7	100.0	100.0
2022-10-31	7.6	22.1	100.0	100.0

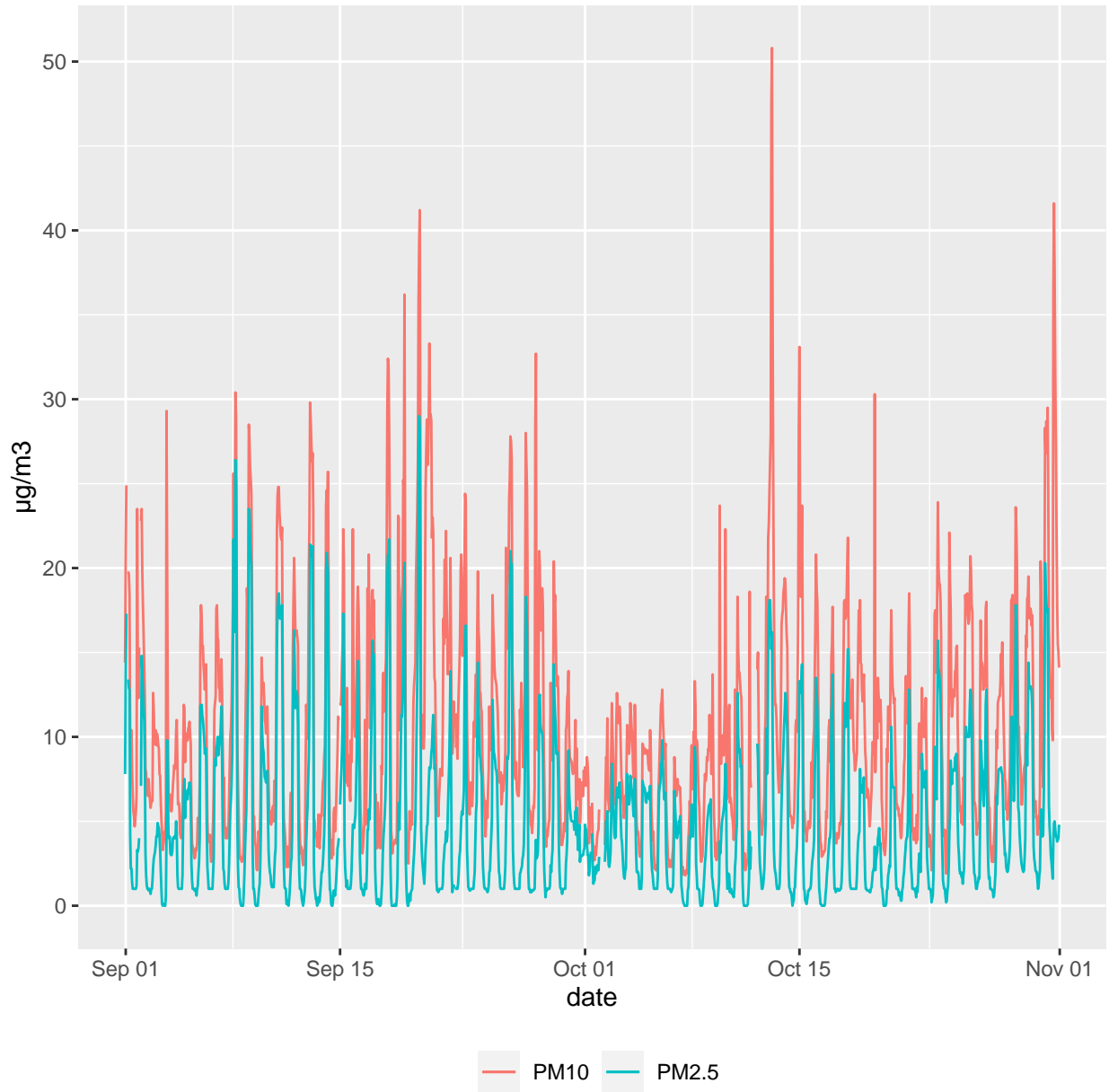
Monthly Average

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
September 2022	5.316667	11.236667	99.16333	99.16333
October 2022	4.436667	9.886667	98.47333	98.47333

NA - Not enough data to calculate averages

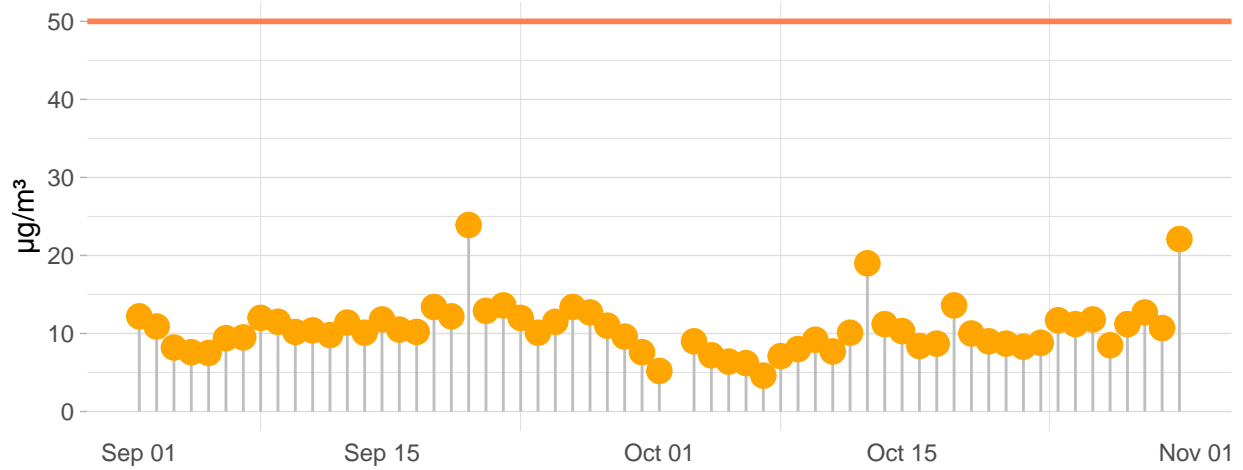


PM10 & PM2.5 hourly averages

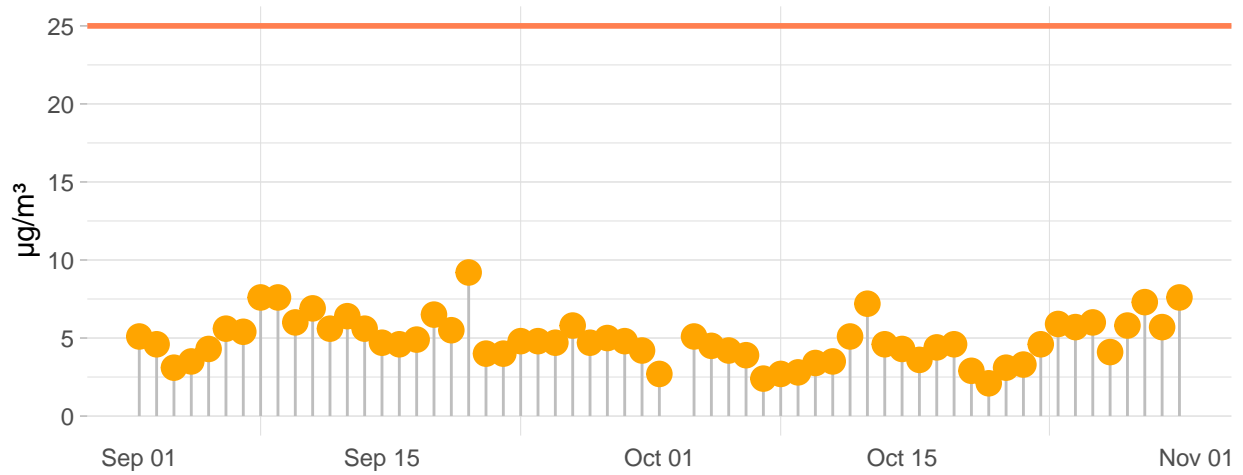




PM10 daily averages



PM2.5 daily averages





Daily Exceedances

PM₁₀. Daily Exceedances at Ben398

September-2022							October-2022						
29	30	31	12.2	10.9	8.2	7.6	26	27	28	29	30	5.2	7.6
7.5	9.4	9.5	12	11.5	10.2	10.4	9	7.2	6.4	6.2	4.6	7.1	8
9.8	11.3	10.1	11.8	10.5	10.2	13.3	9.2	7.7	10.1	19	11.2	10.3	8.4
12.2	23.9	12.9	13.6	12	10.1	11.5	8.7	13.6	10	8.9	8.7	8.3	8.8
13.4	12.7	11	9.6	7.6	1	2	11.7	11.2	11.8	8.4	11.2	12.7	10.7
3	4	5	6	7	8	9	22.1	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM₁₀. Days with Exceedances at Ben398

September-2022							October-2022						
29	30	31	1	2	3	4	26	27	28	29	30	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	1	2	24	25	26	27	28	29	30
3	4	5	6	7	8	9	31	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Daily Exceedances at Ben398

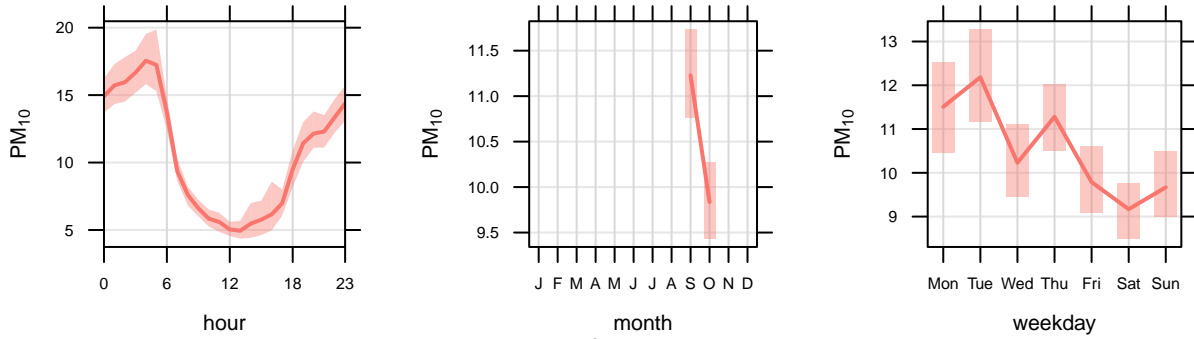
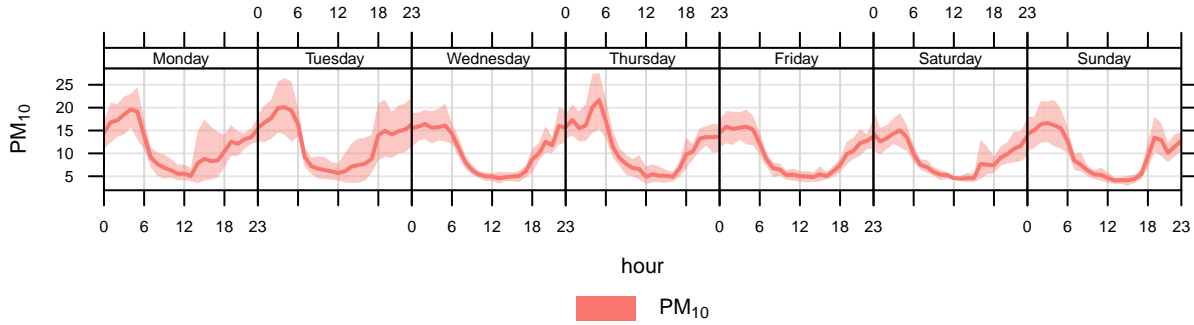
September-2022							October-2022						
29	30	31	5.1	4.6	3.1	3.5	26	27	28	29	30	2.7	4.5
4.3	5.6	5.4	7.6	7.6	6	6.9	5.1	4.5	4.2	3.9	2.4	2.7	2.8
5.6	6.4	5.6	4.7	4.6	4.9	6.5	3.4	3.5	5.1	7.2	4.6	4.3	3.6
5.5	9.2	4	4	4.8	4.8	4.7	4.4	4.6	2.9	2.1	3.1	3.3	4.6
5.8	4.7	5	4.8	4.2	1	2	5.9	5.7	6	4.1	5.8	7.3	5.7
3	4	5	6	7	8	9	7.6	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Days with Exceedances at Ben398

September-2022							October-2022						
29	30	31	1	2	3	4	26	27	28	29	30	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	1	2	24	25	26	27	28	29	30
3	4	5	6	7	8	9	31	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

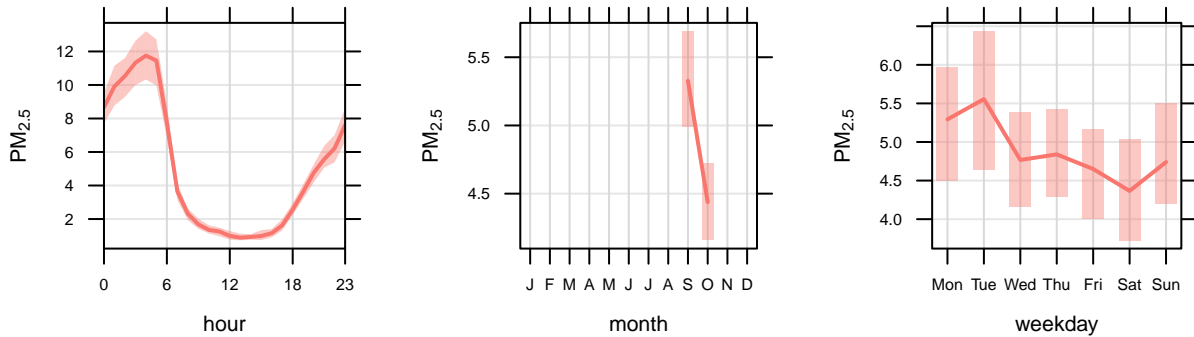
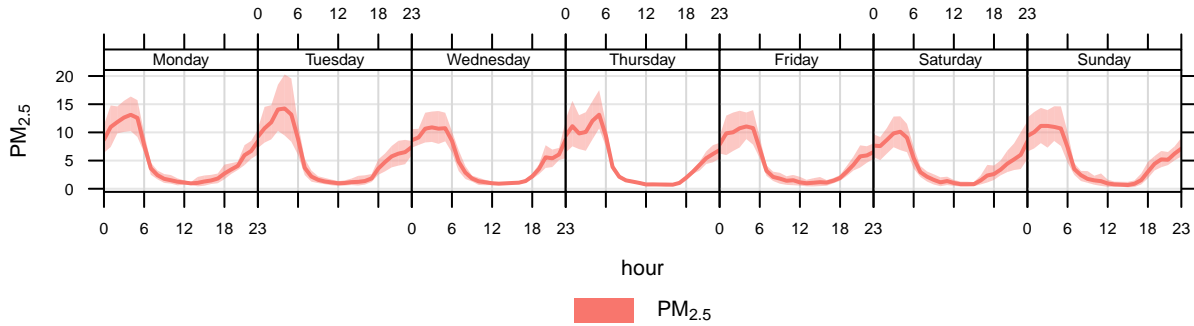


PM₁₀ Time variation at Ben398



mean and 95% confidence interval in mean

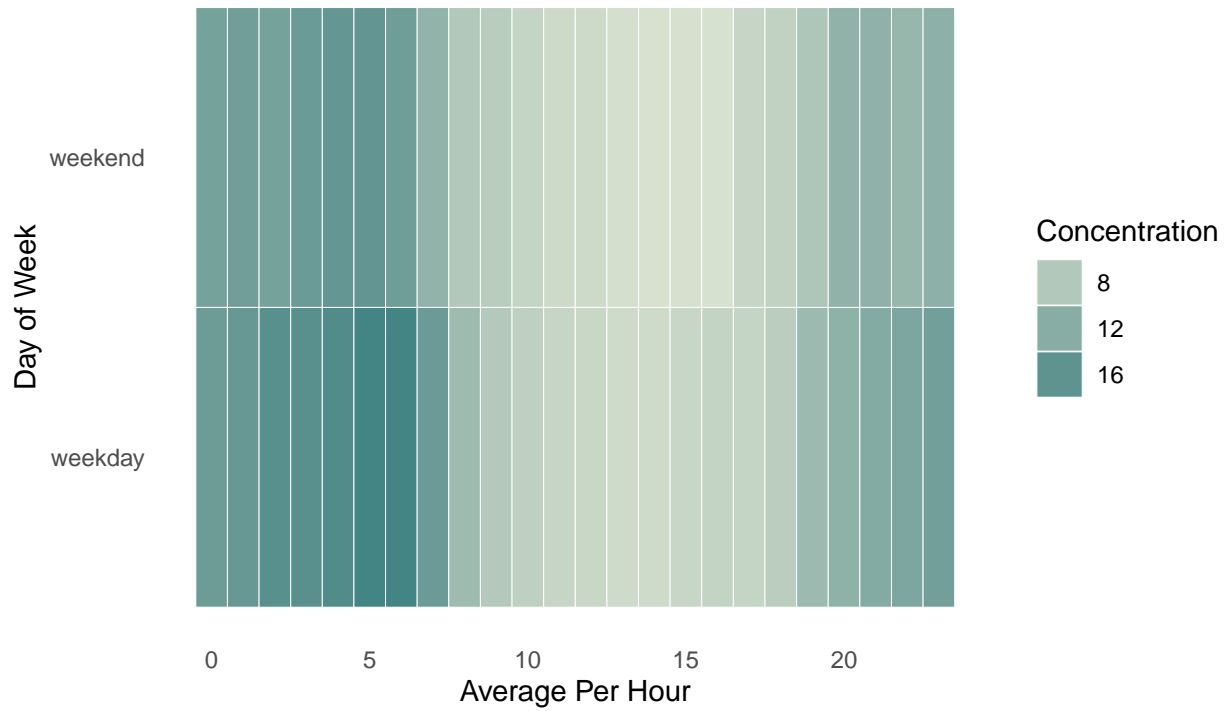
PM_{2.5} Time variation at Ben398



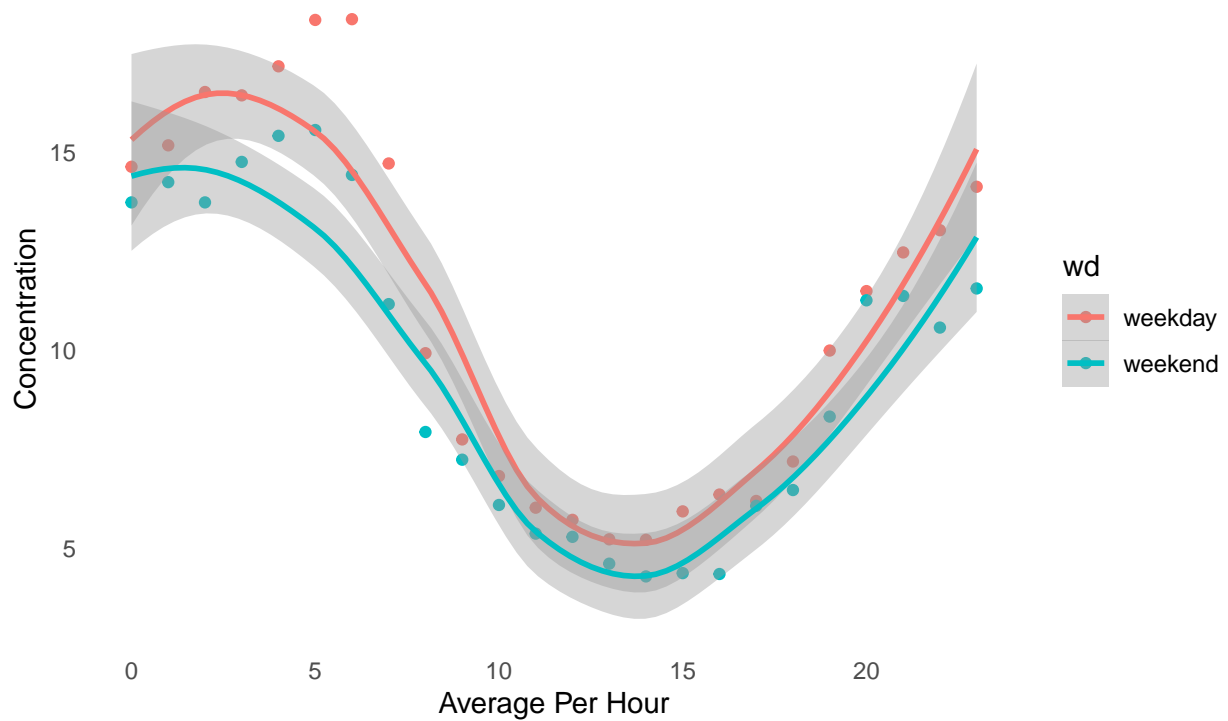
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

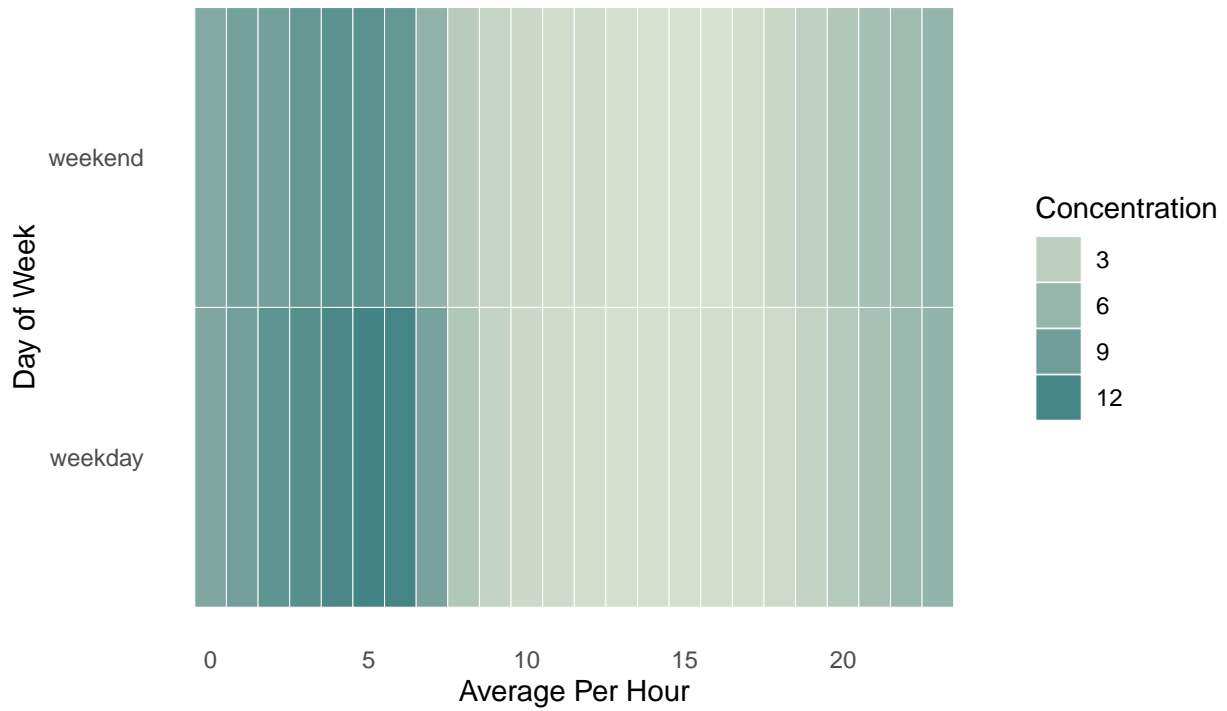


PM10 concentration by weekday and weekend with trend

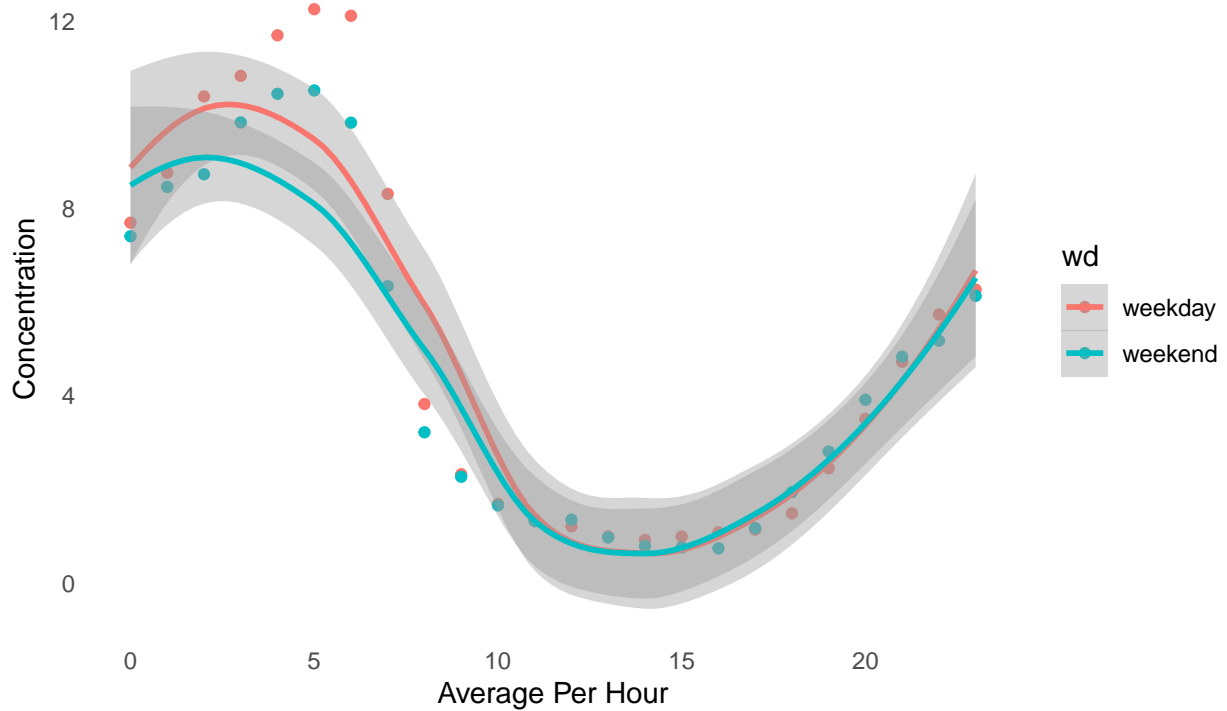




PM2.5 concentration by Weekday/weekend and Hour

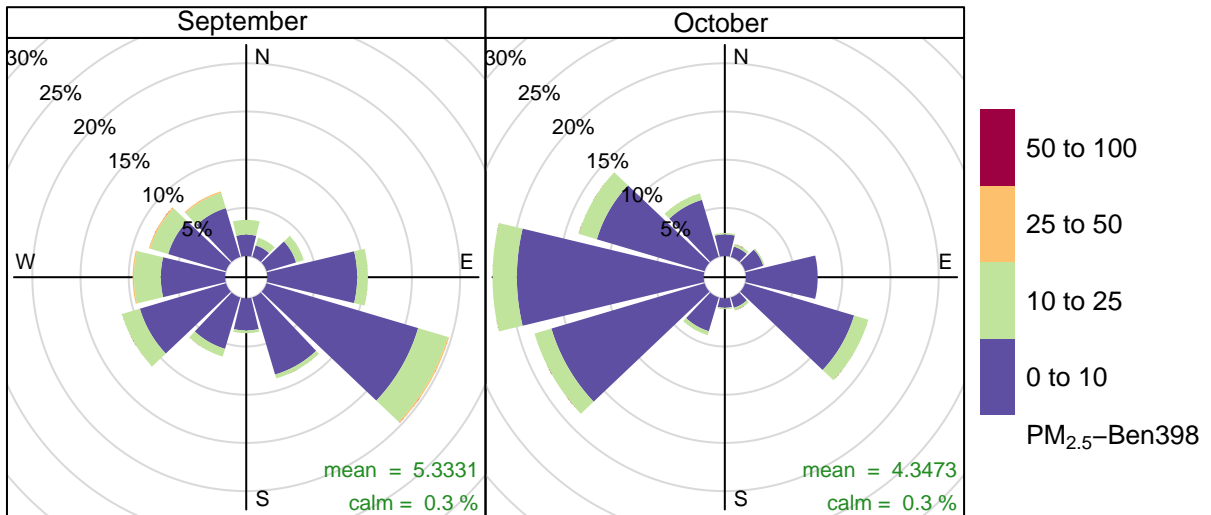


PM2.5 concentration by weekday and weekend with trend



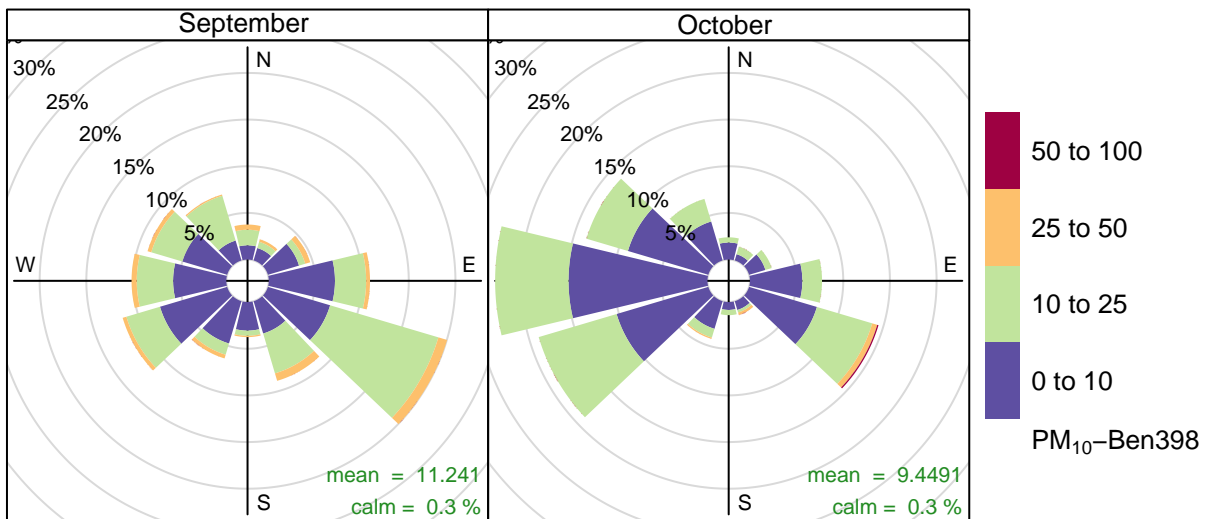


PM_{2.5} pollution rose at Ben398



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben398



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN398]

November 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
2022-11-01	4.1	16.9	100.0	100.0
2022-11-02	3.8	11.6	100.0	100.0
2022-11-03	2.4	10.1	100.0	100.0
2022-11-04	3.9	12.8	100.0	100.0
2022-11-05	3.0	7.1	100.0	100.0
2022-11-06	2.9	6.5	100.0	100.0
2022-11-07	3.8	7.1	100.0	100.0
2022-11-08	NA	NA	58.3	58.3

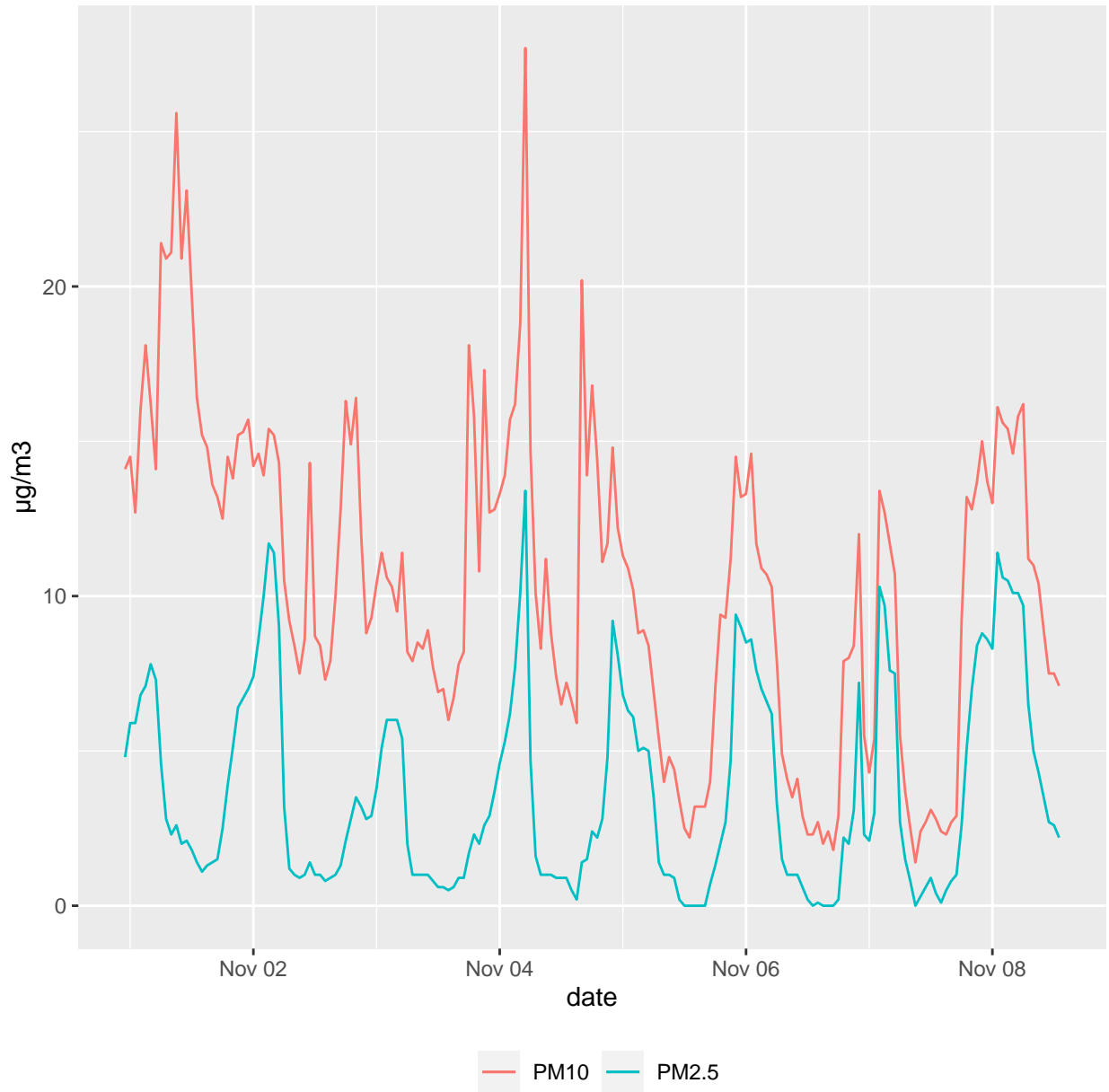
Monthly Average

	PM2.5-Ben398	PM10-Ben398	PM2.5 data capture-Ben398	PM10 data capture-Ben398
November 2022	NA	NA	NA	NA

NA - Not enough data to calculate averages

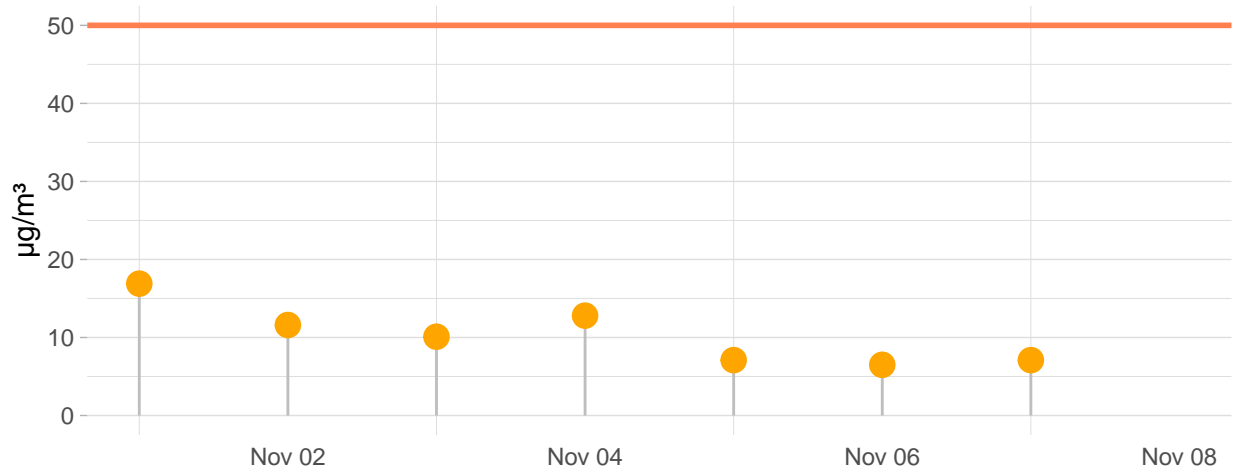


PM10 & PM2.5 hourly averages

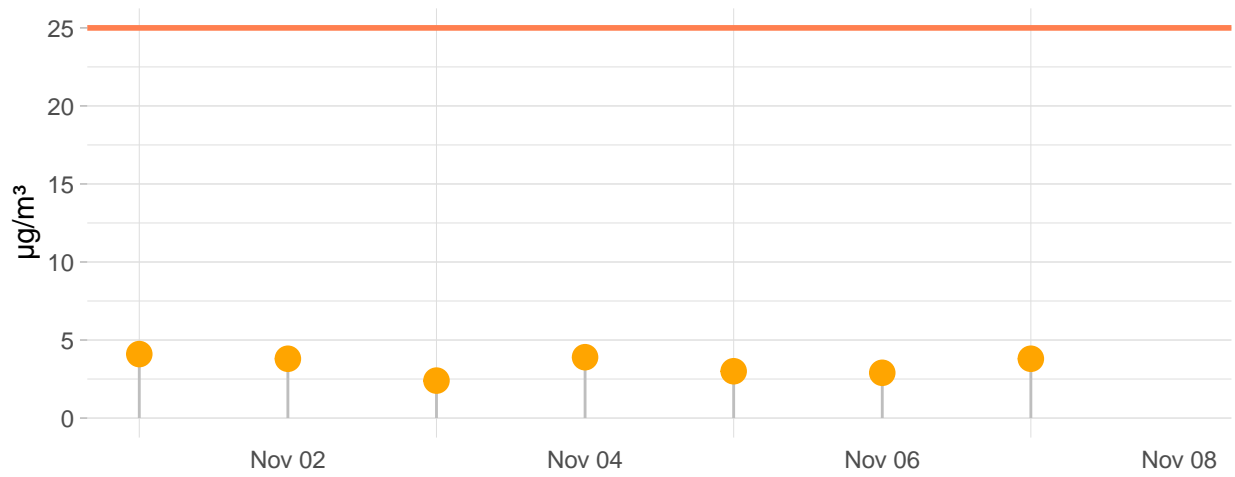




PM10 daily averages



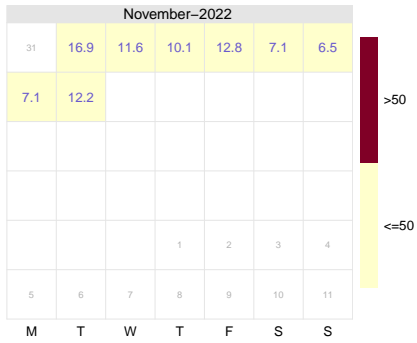
PM2.5 daily averages



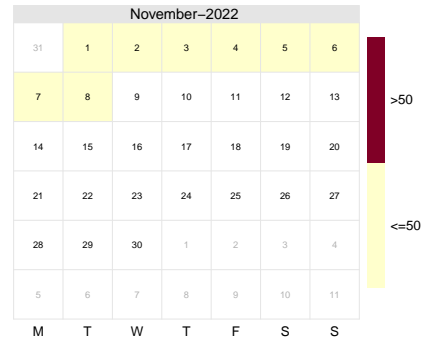


Daily Exceedances

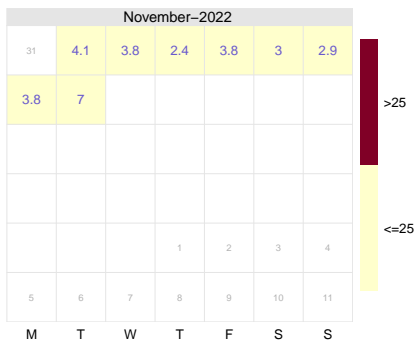
PM₁₀- Daily Exceedances at Ben398



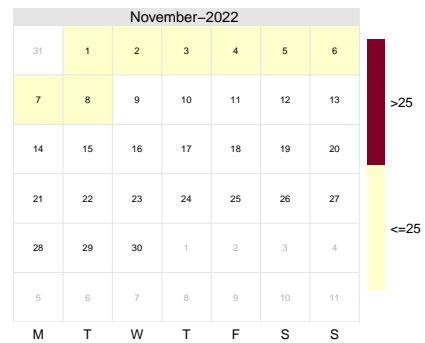
PM₁₀- Days with Exceedances at Ben398



PM_{2.5}- Daily Exceedances at Ben398

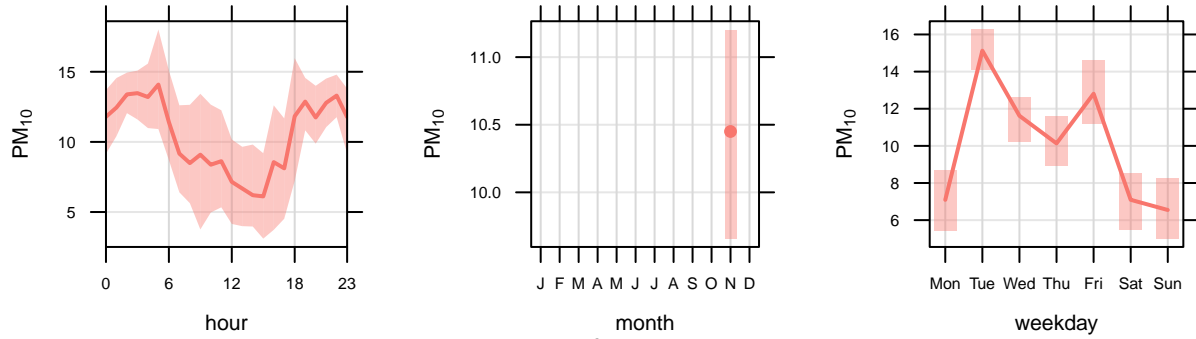
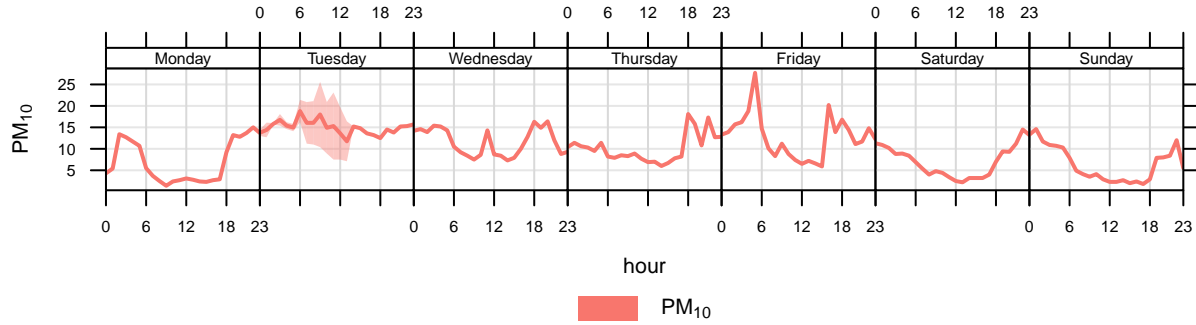


PM_{2.5}- Days with Exceedances at Ben398



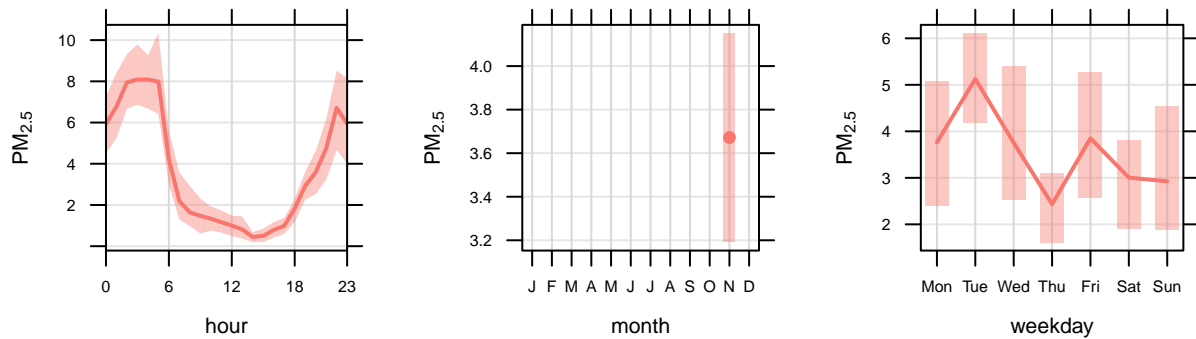
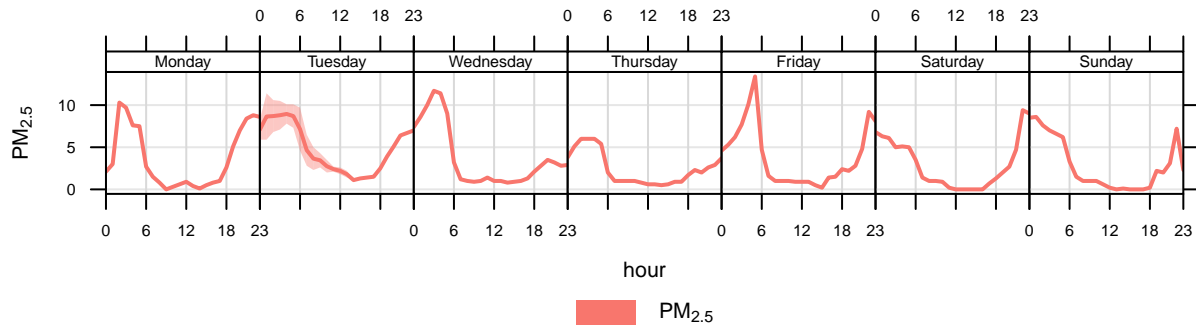


PM₁₀ Time variation at Ben398



mean and 95% confidence interval in mean

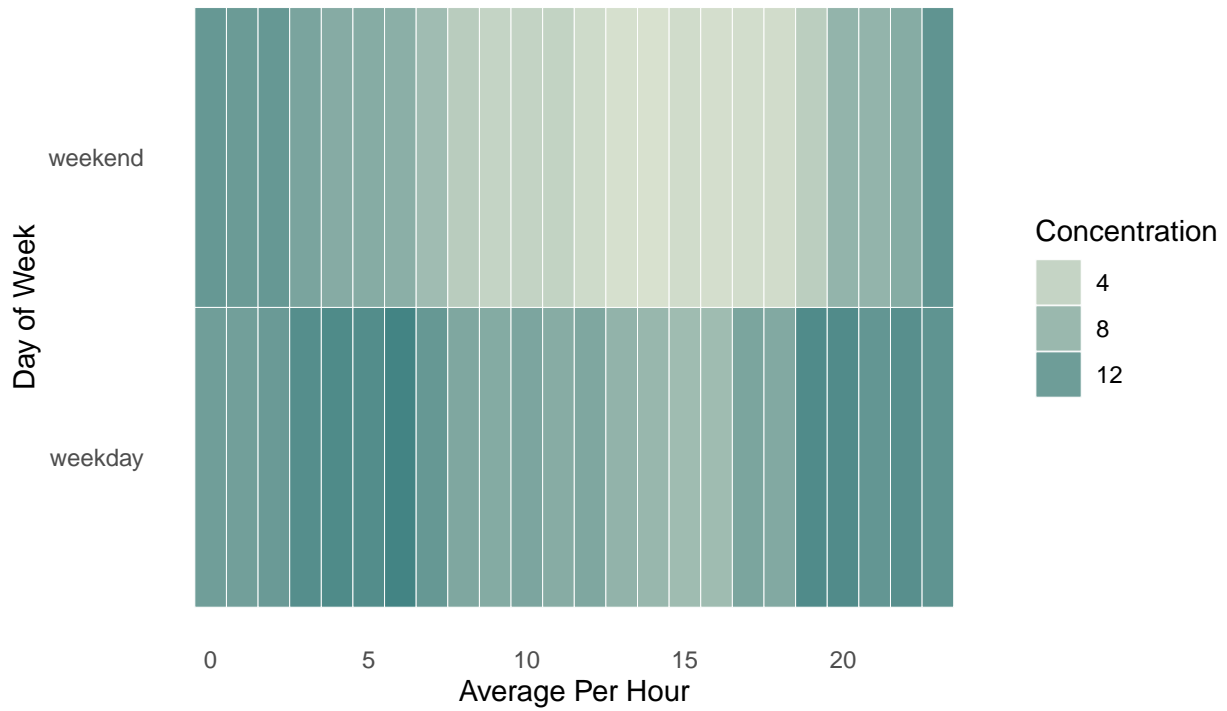
PM_{2.5} Time variation at Ben398



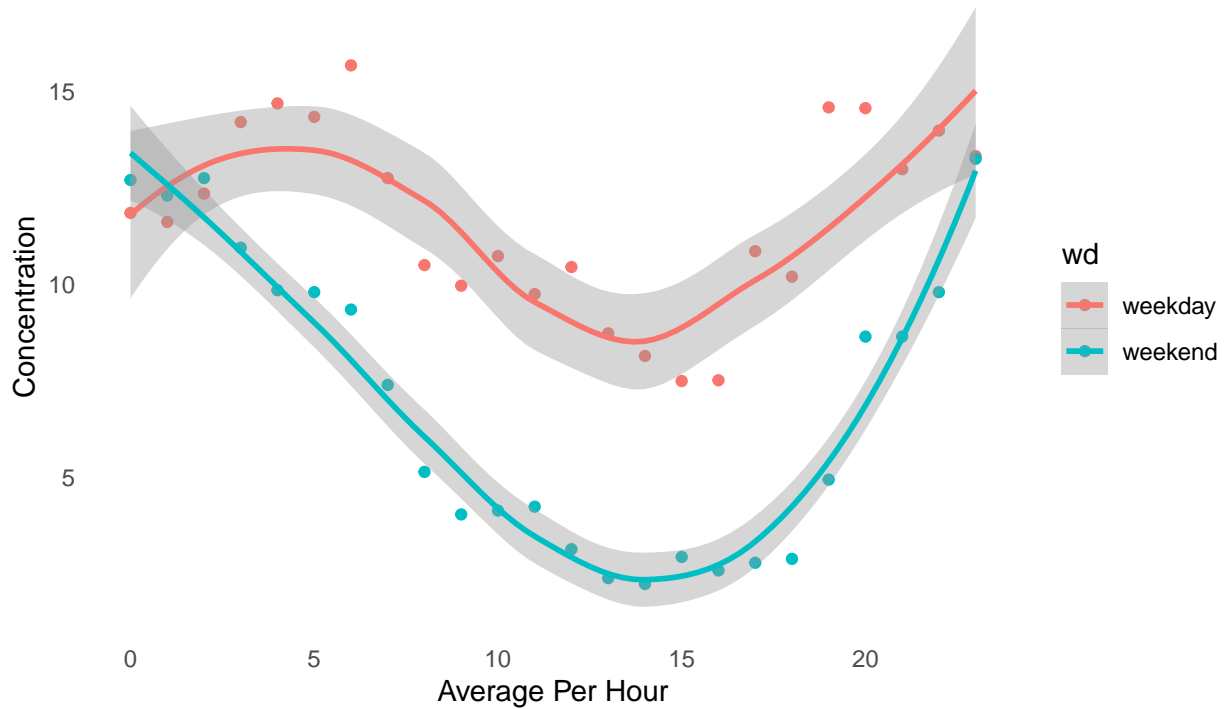
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

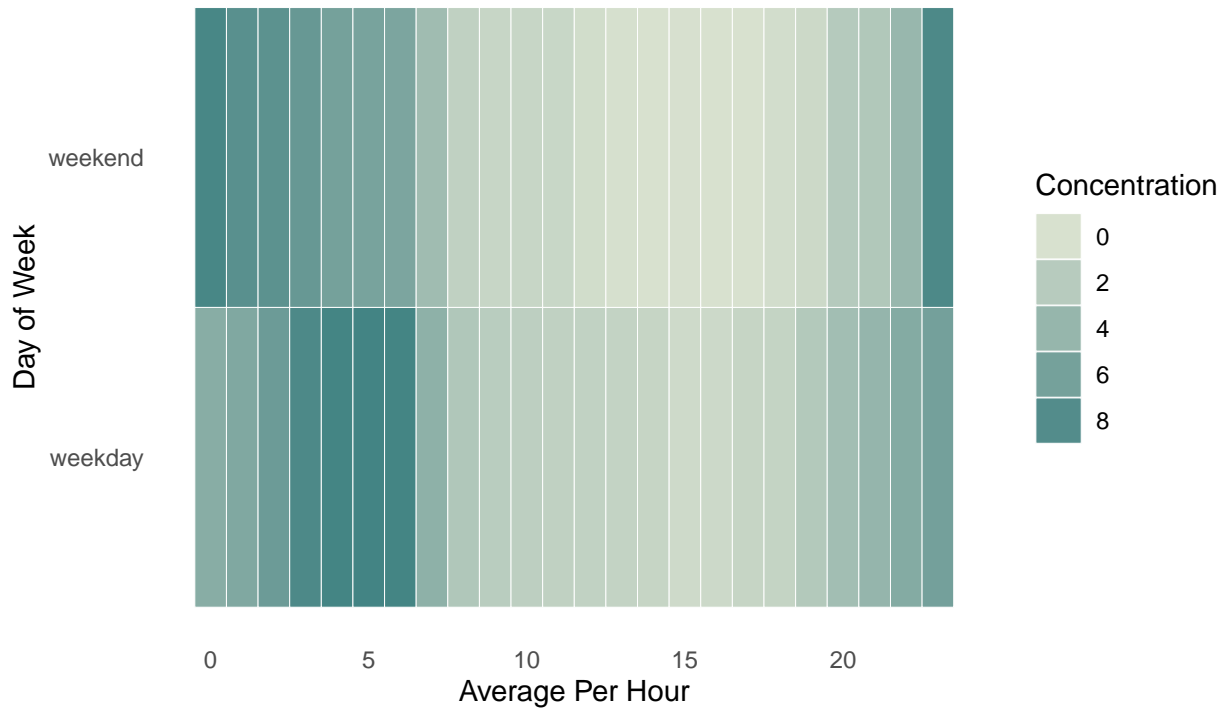


PM10 concentration by weekday and weekend with trend

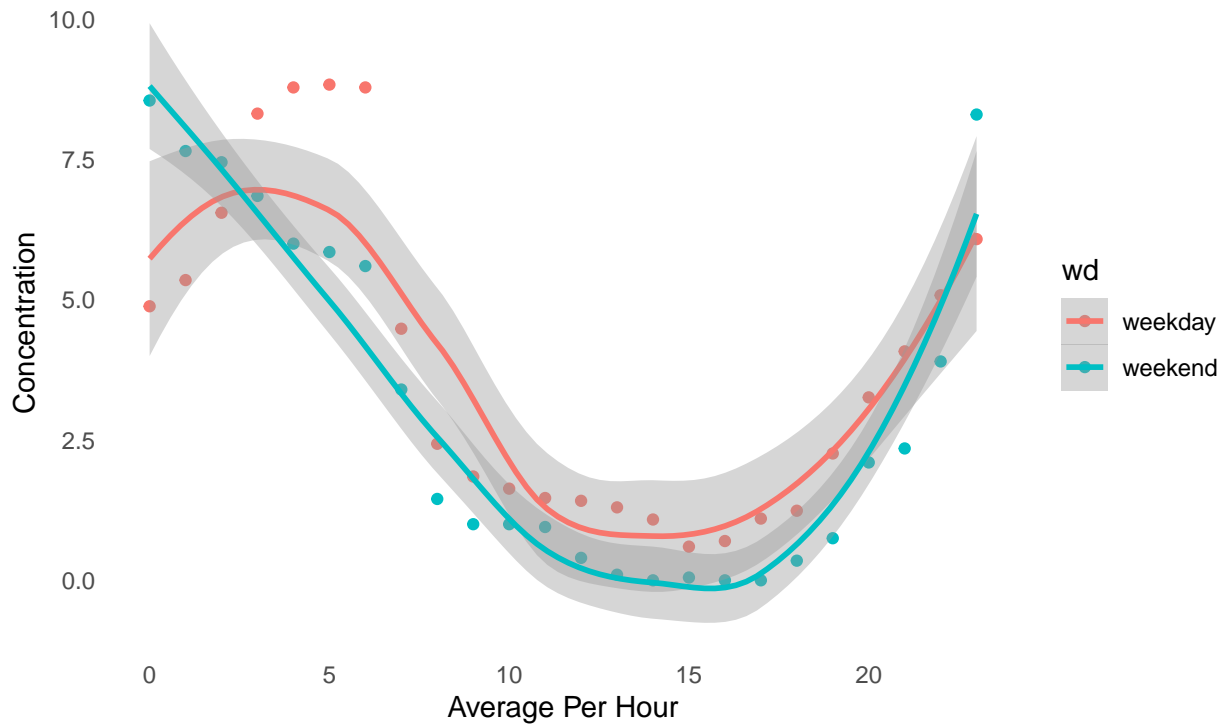




PM2.5 concentration by Weekday/weekend and Hour

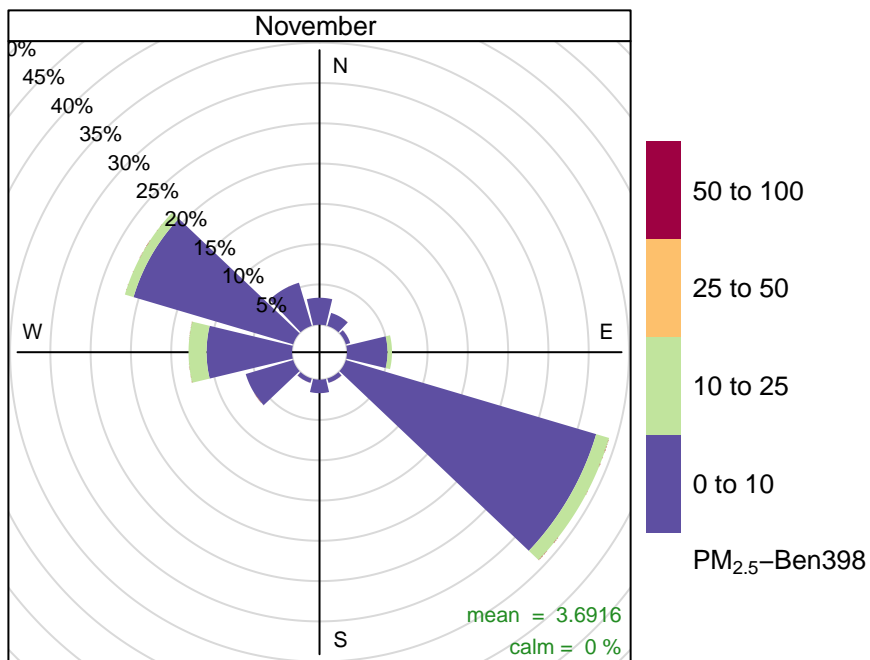


PM2.5 concentration by weekday and weekend with trend



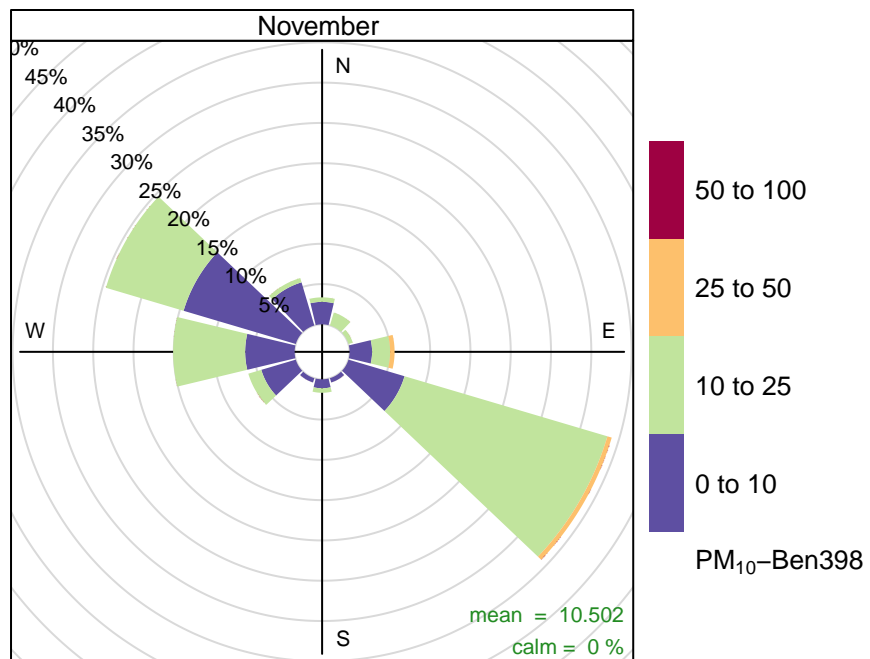


PM_{2.5} pollution rose at Ben398



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben398



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN399]

May-June 2022



Daily Averages

	µg/m ³	µg/m ³	%	%
	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-05-03	NA	NA	62.5	62.5
2022-05-04	4.2	61.0	95.8	95.8
2022-05-05	3.6	55.5	100.0	100.0
2022-05-06	4.4	44.0	100.0	100.0
2022-05-07	2.3	26.7	100.0	100.0
2022-05-08	2.3	24.0	100.0	100.0
2022-05-09	2.4	33.7	100.0	100.0
2022-05-10	5.7	86.6	100.0	100.0
2022-05-11	4.4	62.0	100.0	100.0
2022-05-12	2.4	25.5	100.0	100.0
2022-05-13	2.0	15.3	100.0	100.0
2022-05-14	1.9	13.4	100.0	100.0
2022-05-15	4.2	44.6	100.0	100.0
2022-05-16	5.1	85.8	100.0	100.0
2022-05-17	4.8	55.8	100.0	100.0
2022-05-18	5.1	83.1	100.0	100.0
2022-05-19	8.3	133.3	100.0	100.0
2022-05-20	1.9	24.0	100.0	100.0
2022-05-21	2.8	41.8	100.0	100.0
2022-05-22	2.6	33.8	100.0	100.0
2022-05-23	1.6	22.9	100.0	100.0
2022-05-24	2.4	27.3	100.0	100.0
2022-05-25	4.1	54.5	100.0	100.0
2022-05-26	6.5	104.0	100.0	100.0
2022-05-27	5.2	71.5	100.0	100.0
2022-05-28	1.4	14.3	100.0	100.0
2022-05-29	5.6	57.5	100.0	100.0
2022-05-30	5.8	88.2	100.0	100.0
2022-05-31	3.2	25.2	100.0	100.0
2022-06-01	1.1	4.7	100.0	100.0
2022-06-02	2.0	20.2	100.0	100.0
2022-06-03	3.5	56.8	100.0	100.0
2022-06-04	1.8	32.5	100.0	100.0
2022-06-05	4.3	68.2	100.0	100.0
2022-06-06	4.5	63.9	100.0	100.0
2022-06-07	10.1	178.2	100.0	100.0
2022-06-08	4.5	62.4	100.0	100.0
2022-06-09	3.9	30.5	100.0	100.0
2022-06-10	3.9	47.5	100.0	100.0
2022-06-11	2.7	21.2	100.0	100.0
2022-06-12	5.1	67.9	100.0	100.0
2022-06-13	8.6	127.7	100.0	100.0
2022-06-14	3.5	52.9	100.0	100.0
2022-06-15	4.8	87.1	100.0	100.0
2022-06-16	2.0	25.9	100.0	100.0



(continued)

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-06-17	1.4	15.6	100.0	100.0
2022-06-18	8.6	82.4	100.0	100.0
2022-06-19	3.5	35.6	100.0	100.0
2022-06-20	6.4	76.2	100.0	100.0
2022-06-21	3.0	34.7	100.0	100.0
2022-06-22	3.8	62.4	100.0	100.0
2022-06-23	8.7	128.2	100.0	100.0
2022-06-24	6.7	99.0	100.0	100.0
2022-06-25	11.5	163.2	100.0	100.0
2022-06-26	7.0	97.0	100.0	100.0
2022-06-27	10.9	187.1	100.0	100.0
2022-06-28	3.6	41.9	100.0	100.0
2022-06-29	7.1	95.1	100.0	100.0
2022-06-30	8.8	145.9	100.0	100.0

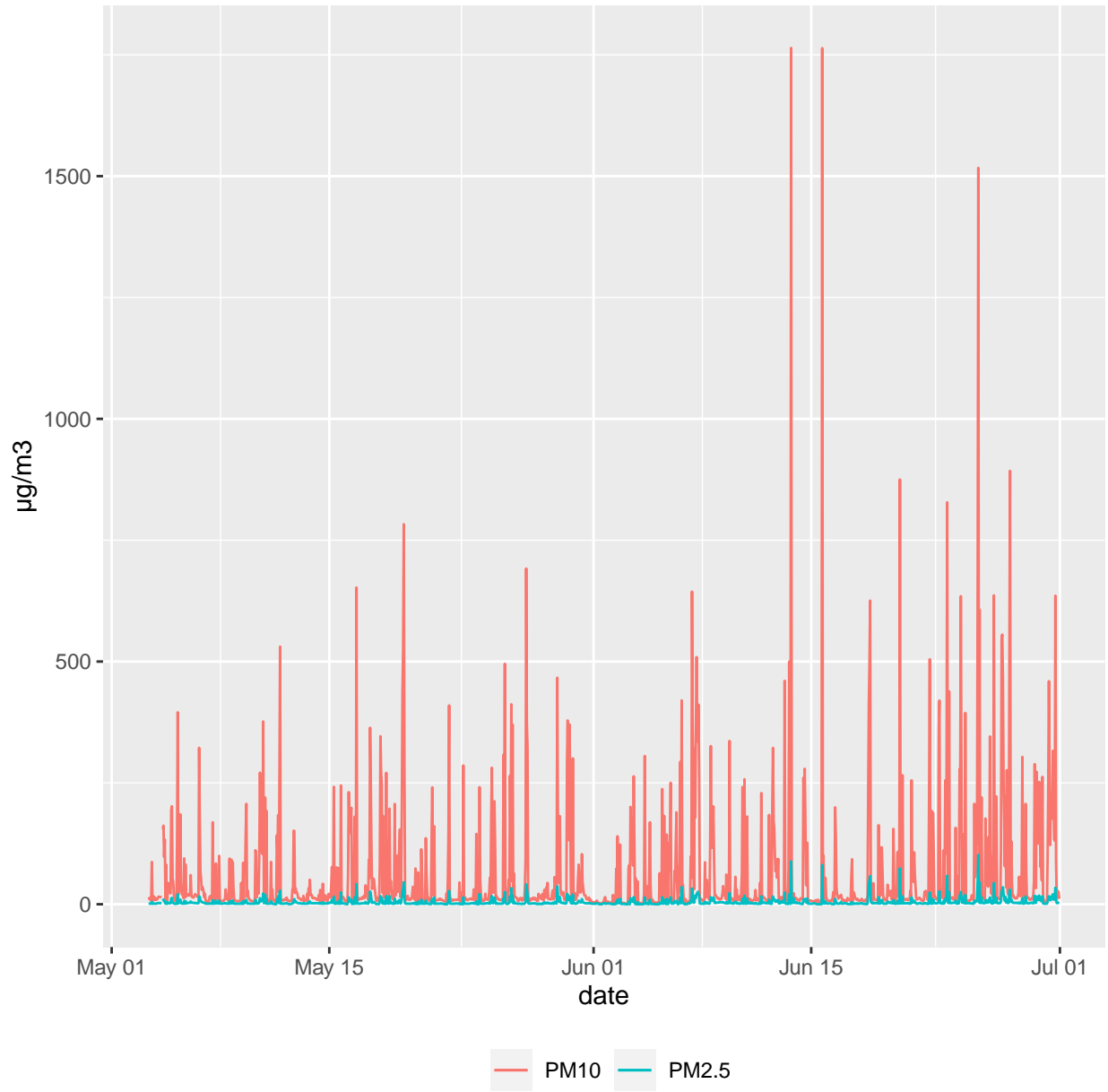
Monthly Average

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
May 2022	3.792857	50.54643	98.56207	98.56207
June 2022	5.243333	73.73000	100.00000	100.00000

NA - Not enough data to calculate averages

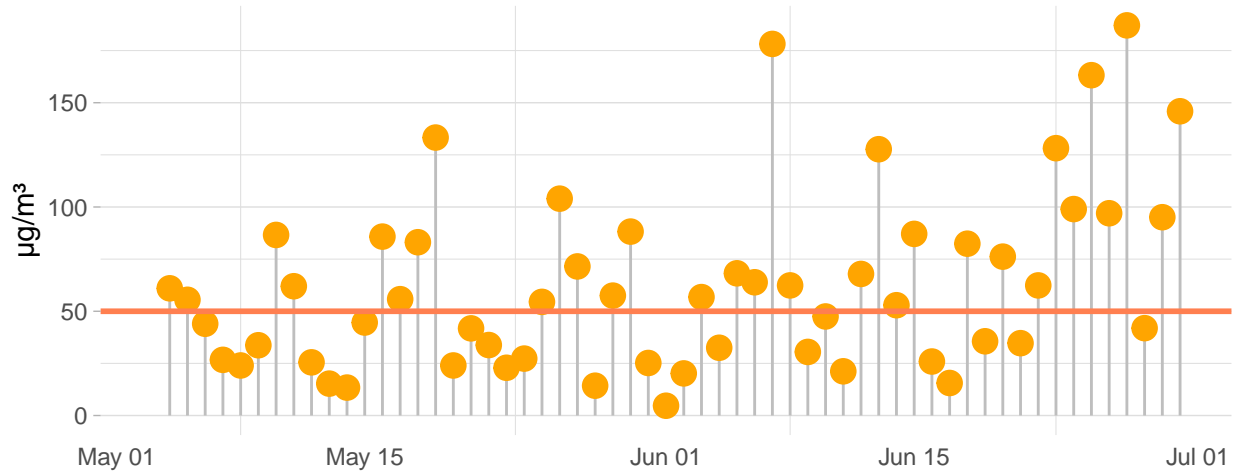


PM10 & PM2.5 hourly averages

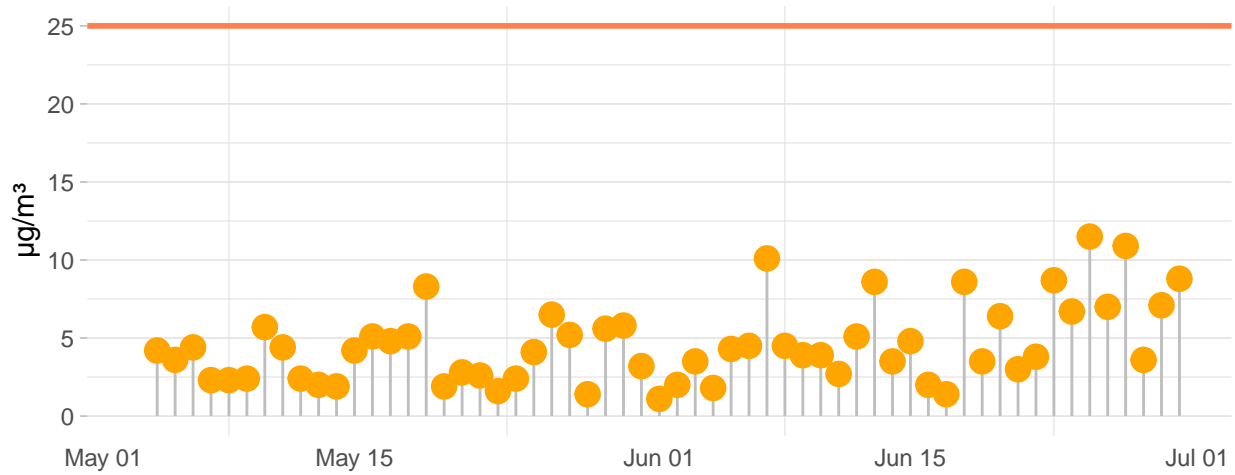




PM10 daily averages

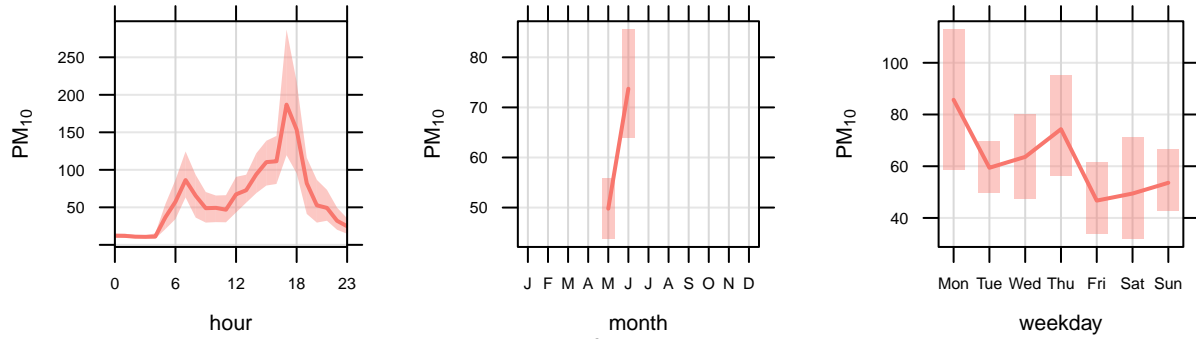
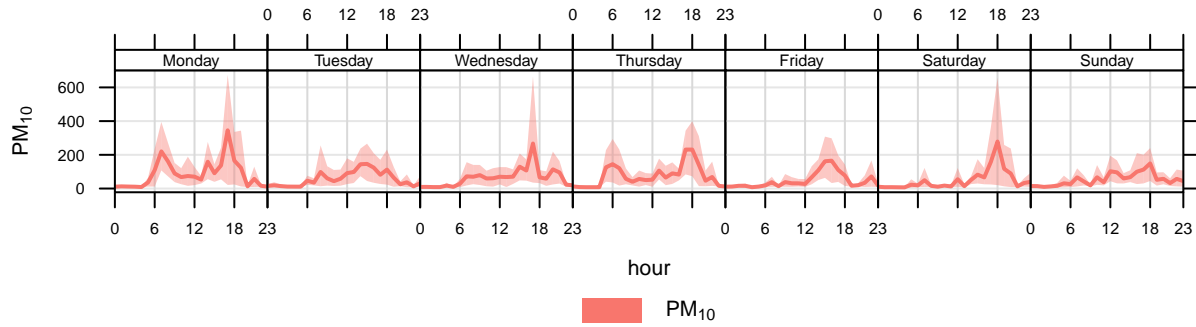


PM2.5 daily averages



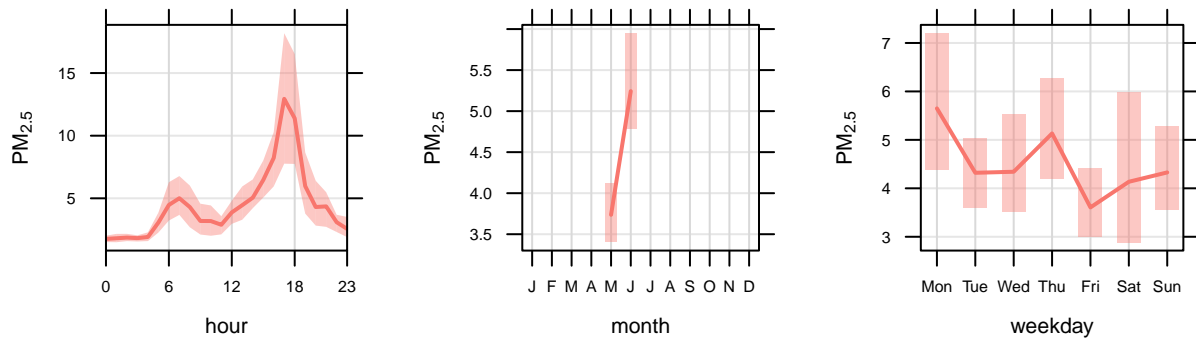
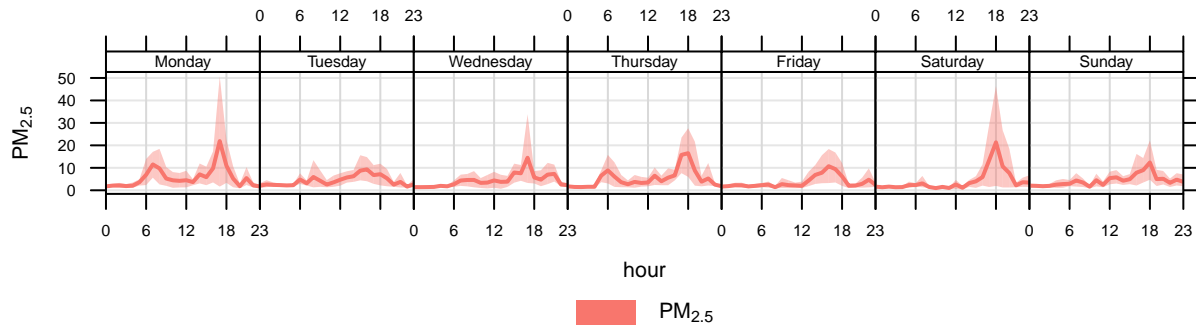


PM₁₀ Time variation at Ben399



mean and 95% confidence interval in mean

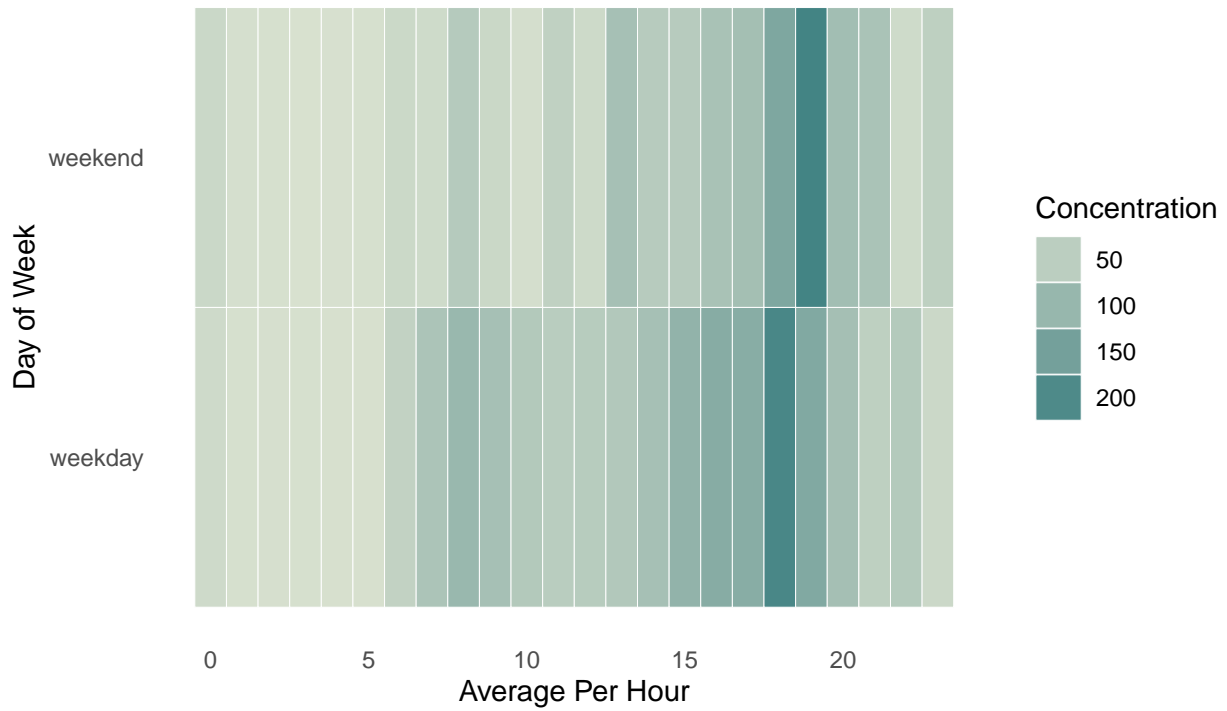
PM_{2.5} Time variation at Ben399



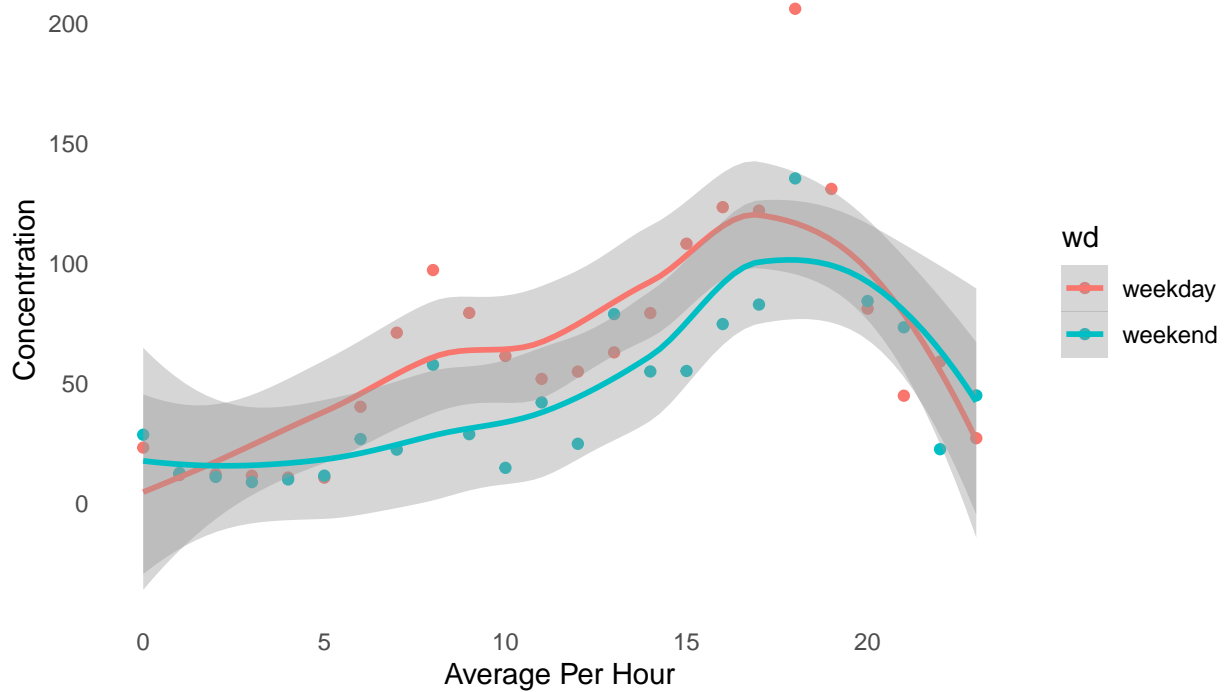
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

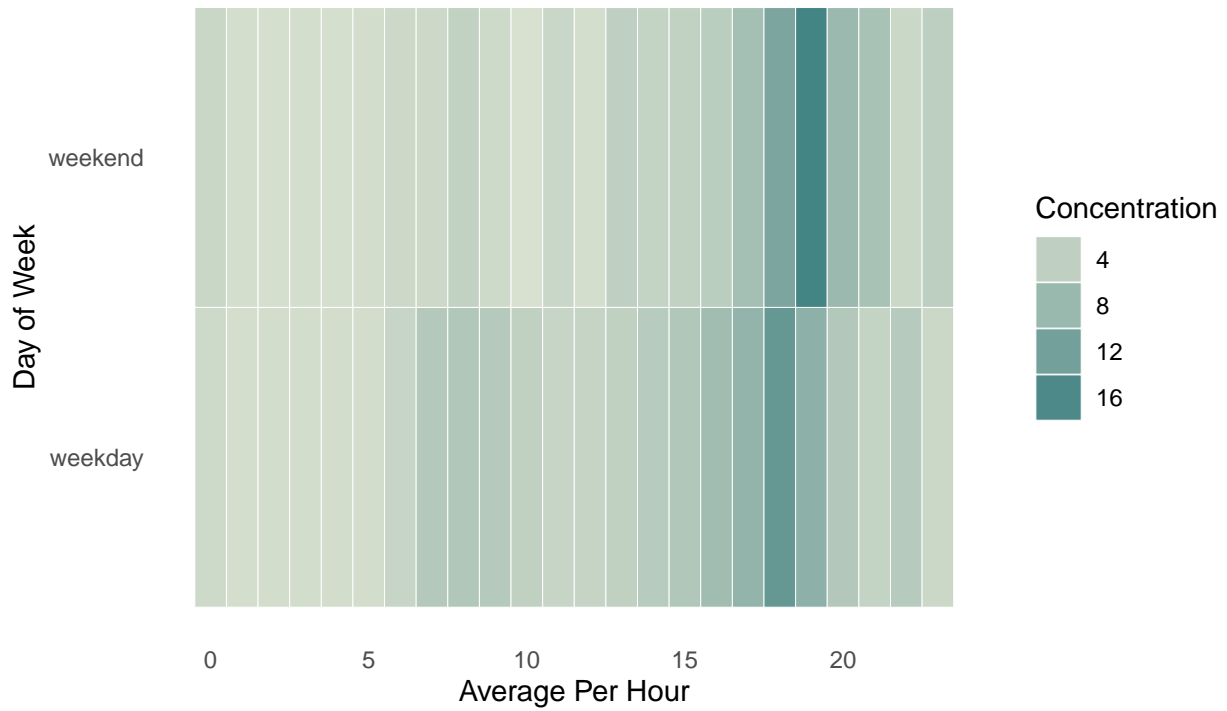


PM10 concentration by weekday and weekend with trend

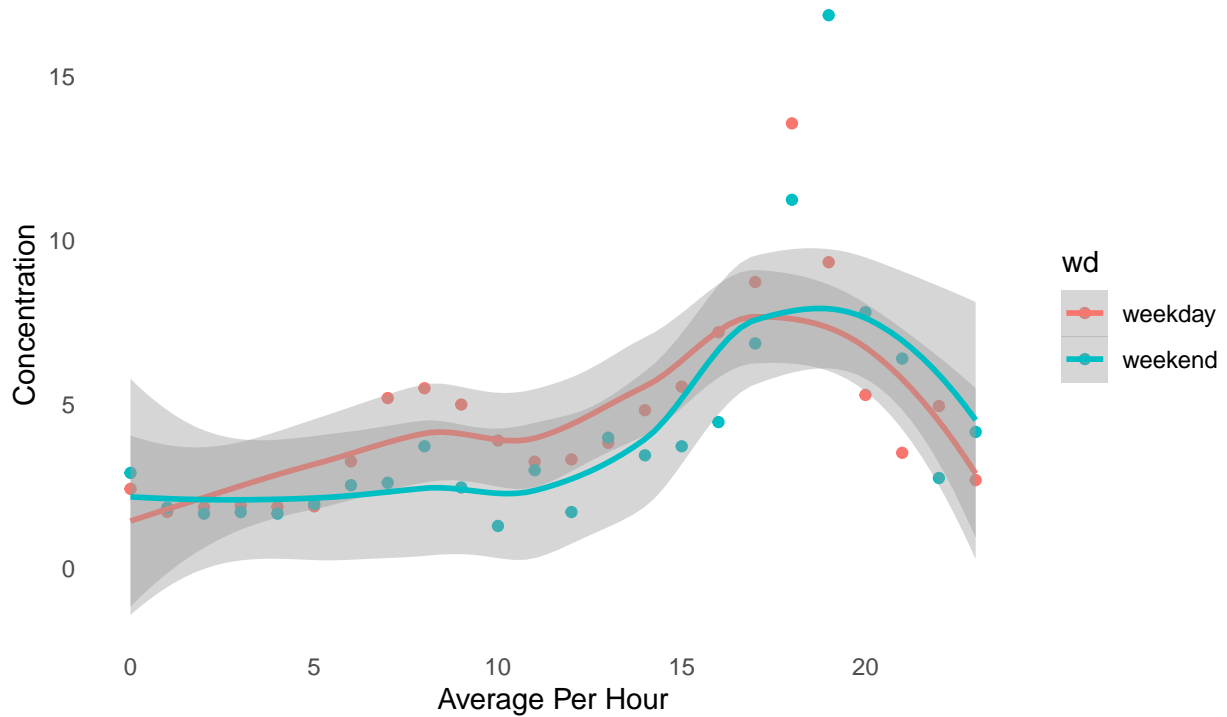




PM2.5 concentration by Weekday/weekend and Hour

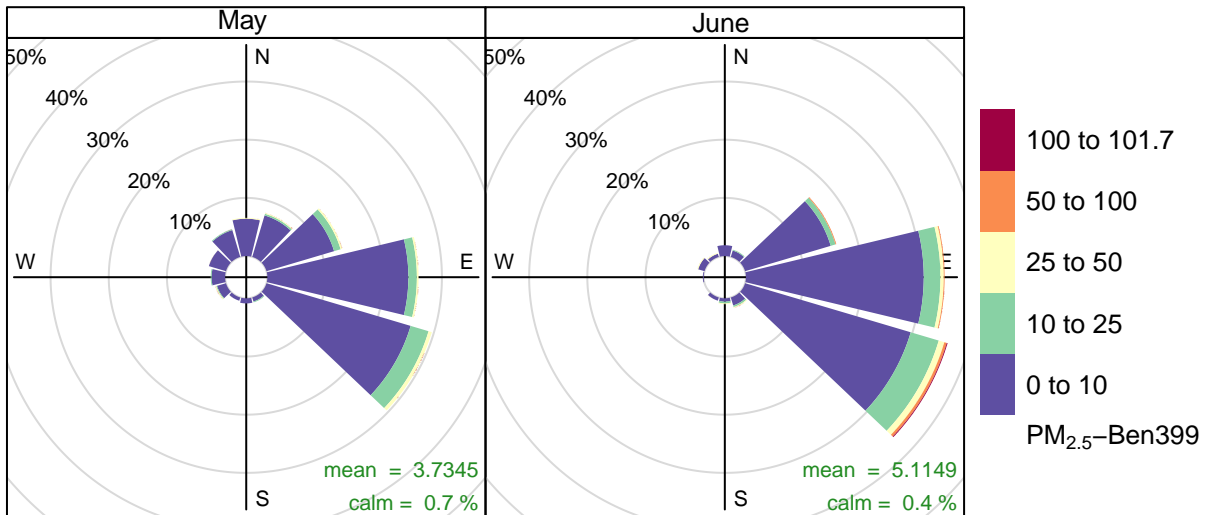


PM2.5 concentration by weekday and weekend with trend



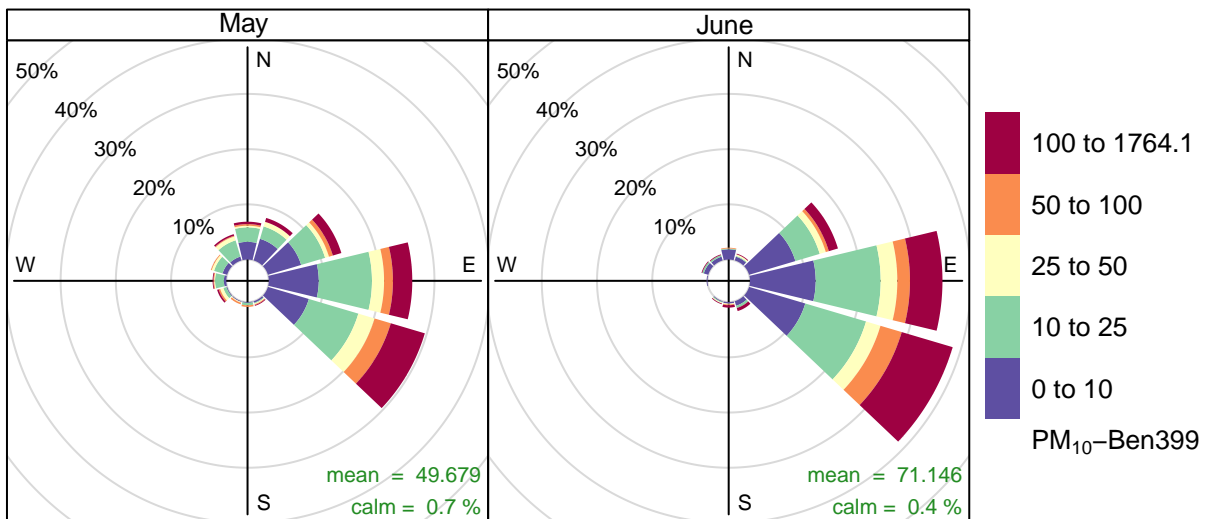


PM_{2.5} pollution rose at Ben399



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben399



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN399]

July-August 2022



Daily Averages

	µg/m ³	µg/m ³	%	%
	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-07-01	13.7	181.2	100.0	100.0
2022-07-02	6.2	74.1	100.0	100.0
2022-07-03	5.0	47.4	100.0	100.0
2022-07-04	6.6	78.5	100.0	100.0
2022-07-05	8.7	105.7	91.7	91.7
2022-07-06	4.2	40.2	100.0	100.0
2022-07-07	7.0	83.0	100.0	100.0
2022-07-08	11.4	164.5	100.0	100.0
2022-07-09	9.2	131.9	100.0	100.0
2022-07-10	13.5	158.6	100.0	100.0
2022-07-11	9.2	106.2	100.0	100.0
2022-07-12	8.2	91.7	100.0	100.0
2022-07-13	5.6	63.3	100.0	100.0
2022-07-14	3.0	22.1	100.0	100.0
2022-07-15	18.0	250.5	100.0	100.0
2022-07-16	3.4	24.1	100.0	100.0
2022-07-17	7.4	73.6	100.0	100.0
2022-07-18	7.5	55.7	100.0	100.0
2022-07-19	7.1	60.3	100.0	100.0
2022-07-20	8.5	80.9	100.0	100.0
2022-07-21	5.0	41.8	100.0	100.0
2022-07-22	14.1	149.0	100.0	100.0
2022-07-23	9.9	104.6	100.0	100.0
2022-07-24	13.8	154.0	100.0	100.0
2022-07-25	6.3	85.7	100.0	100.0
2022-07-26	4.6	67.4	100.0	100.0
2022-07-27	10.4	143.8	100.0	100.0
2022-07-28	7.5	90.6	100.0	100.0
2022-07-29	6.8	67.6	100.0	100.0
2022-07-30	22.5	239.1	100.0	100.0
2022-07-31	8.4	78.0	100.0	100.0
2022-08-01	3.2	24.7	100.0	100.0
2022-08-02	4.6	34.6	95.8	95.8
2022-08-03	4.6	33.9	100.0	100.0
2022-08-04	11.8	111.0	100.0	100.0
2022-08-05	15.0	198.4	100.0	100.0
2022-08-06	12.6	147.8	100.0	100.0
2022-08-07	7.2	75.8	100.0	100.0
2022-08-08	14.0	152.8	100.0	100.0
2022-08-09	9.1	90.9	100.0	100.0
2022-08-10	16.4	232.3	100.0	100.0
2022-08-11	11.1	134.0	100.0	100.0
2022-08-12	6.8	97.0	100.0	100.0
2022-08-13	7.3	90.0	100.0	100.0
2022-08-14	2.7	29.8	100.0	100.0



(continued)

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-08-15	7.3	103.5	100.0	100.0
2022-08-16	2.6	29.8	100.0	100.0
2022-08-17	7.8	94.8	100.0	100.0
2022-08-18	18.6	251.1	100.0	100.0
2022-08-19	16.1	210.3	100.0	100.0
2022-08-20	5.4	50.8	100.0	100.0
2022-08-21	9.8	122.1	100.0	100.0
2022-08-22	5.5	58.3	100.0	100.0
2022-08-23	15.5	199.0	100.0	100.0
2022-08-24	16.2	171.3	100.0	100.0
2022-08-25	6.0	41.5	100.0	100.0
2022-08-26	7.8	69.2	100.0	100.0
2022-08-27	3.5	18.2	100.0	100.0
2022-08-28	4.6	21.6	100.0	100.0
2022-08-29	8.2	88.9	100.0	100.0
2022-08-30	6.6	93.0	100.0	100.0
2022-08-31	6.8	56.7	100.0	100.0

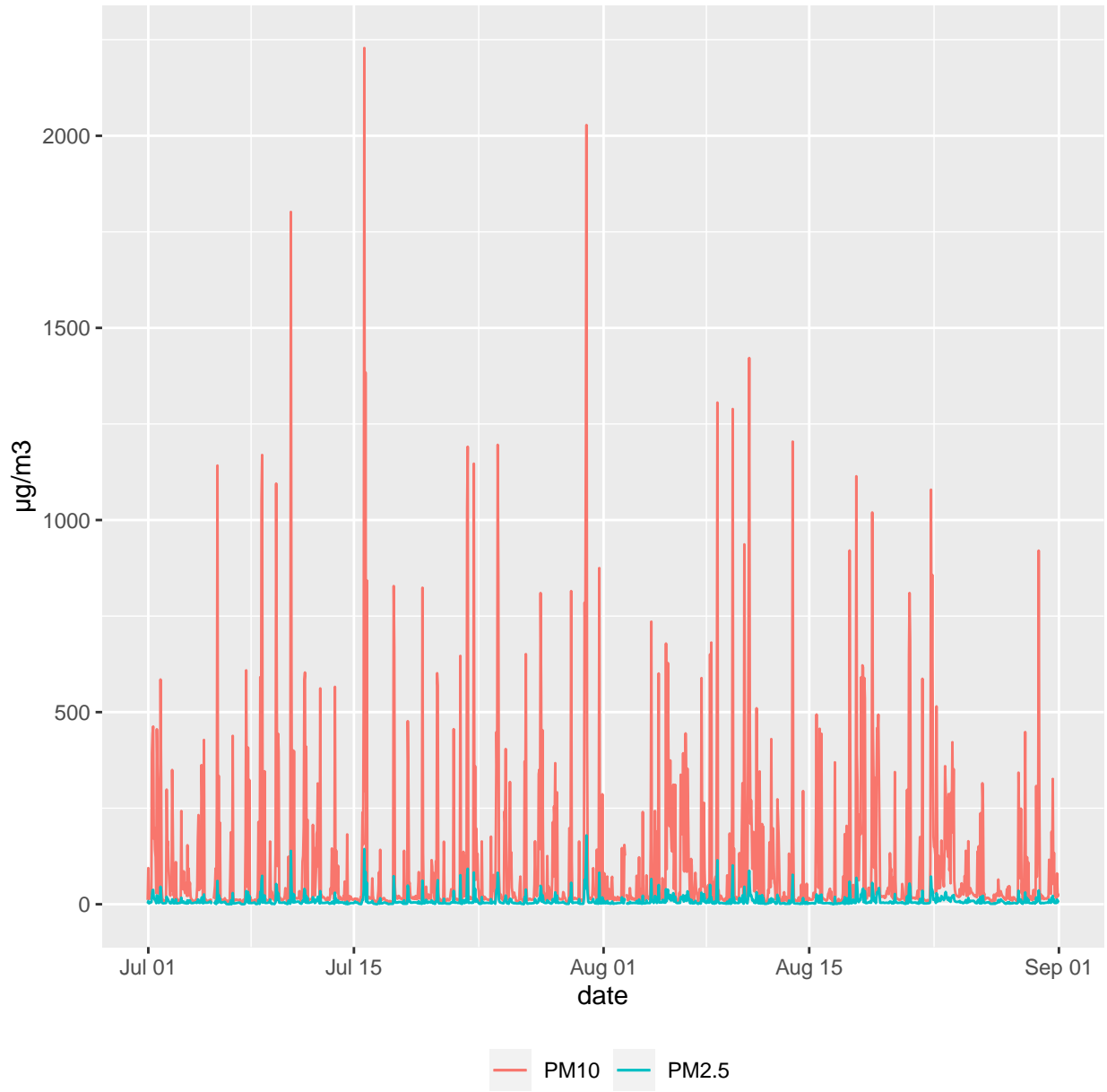
Monthly Average

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
July 2022	8.796774	100.4871	99.73226	99.73226
August 2022	8.861290	101.0677	99.86452	99.86452

NA - Not enough data to calculate averages

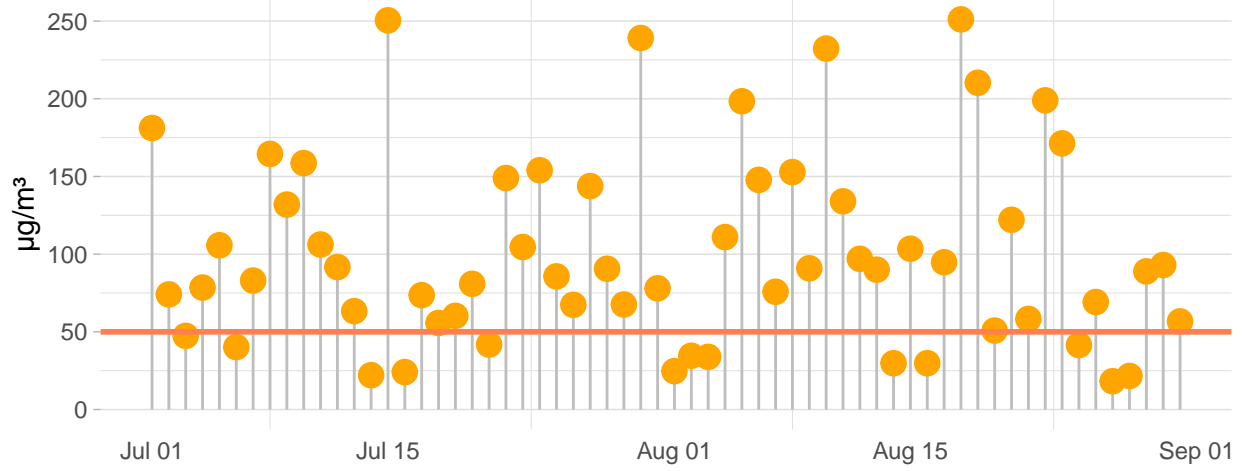


PM10 & PM2.5 hourly averages

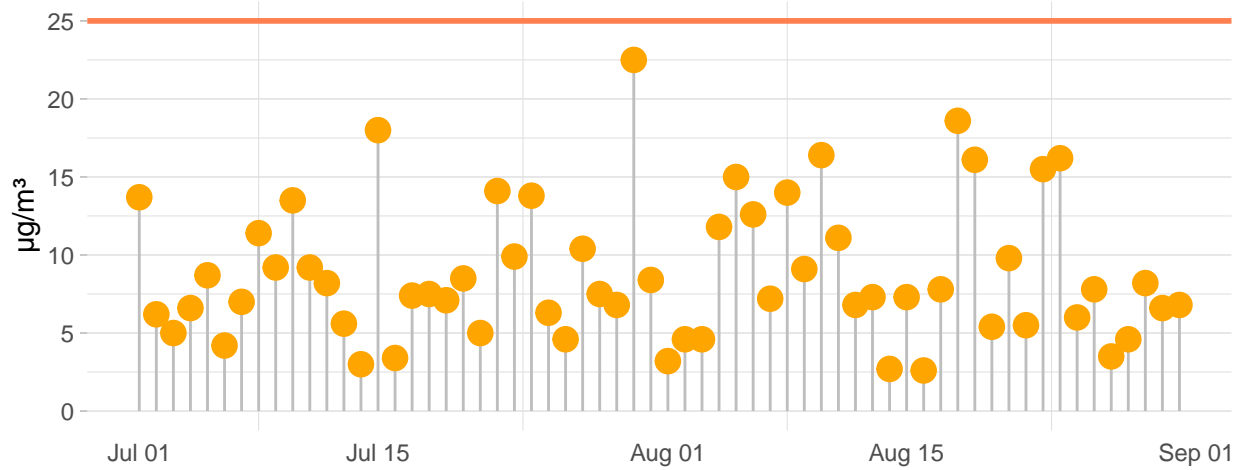




PM10 daily averages



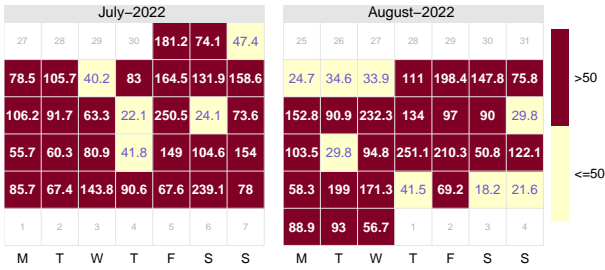
PM2.5 daily averages



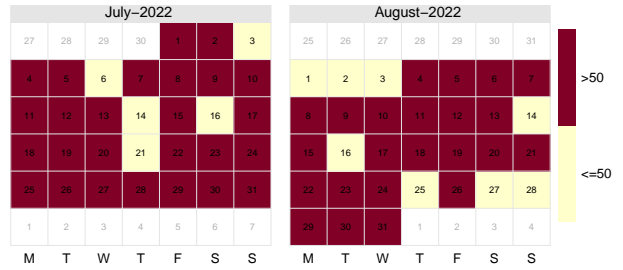


Daily Exceedances

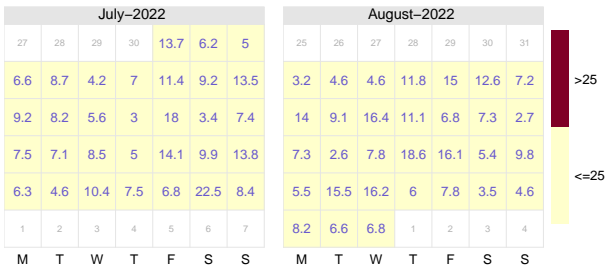
PM₁₀. Daily Exceedances at Ben399



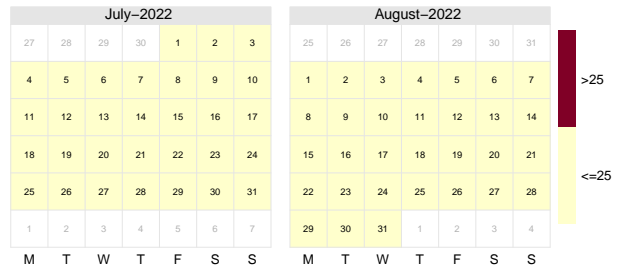
PM₁₀. Days with Exceedances at Ben399



PM_{2.5}. Daily Exceedances at Ben399

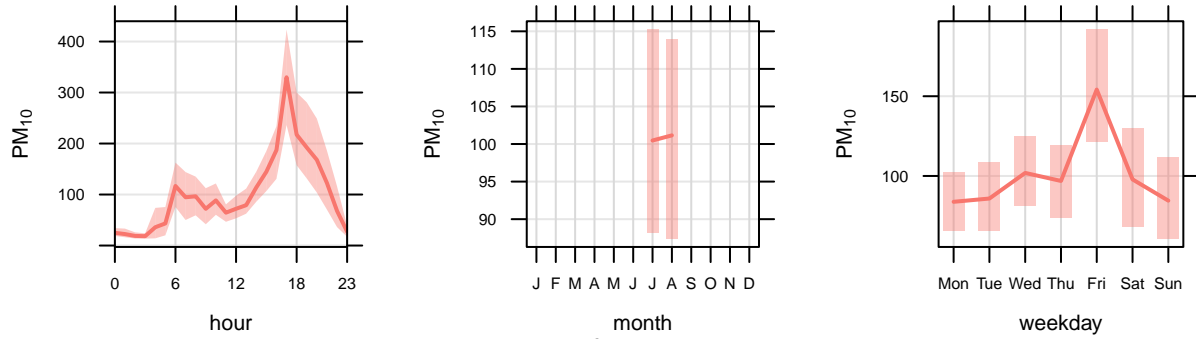
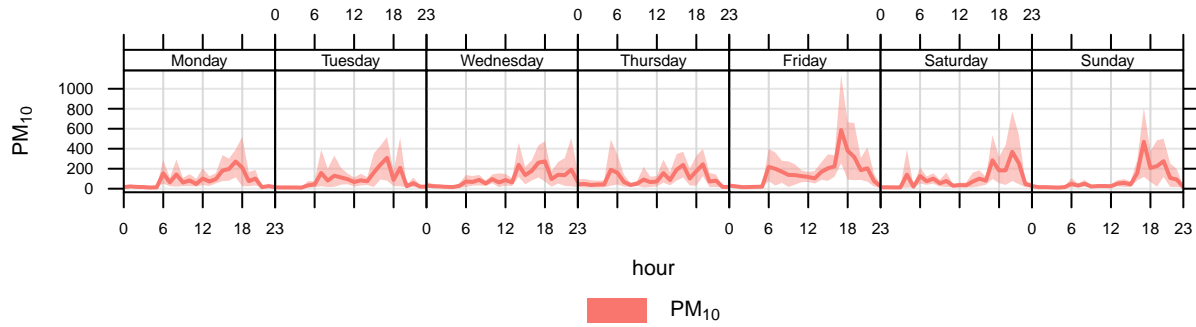


PM_{2.5}. Days with Exceedances at Ben399



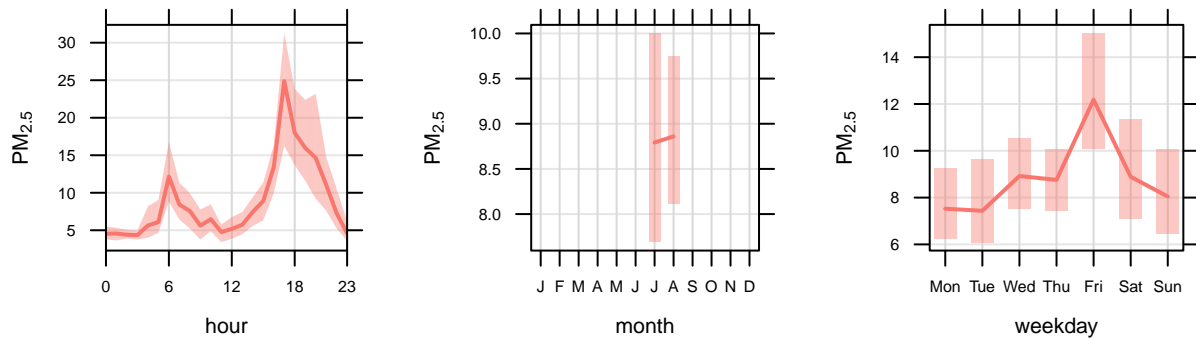
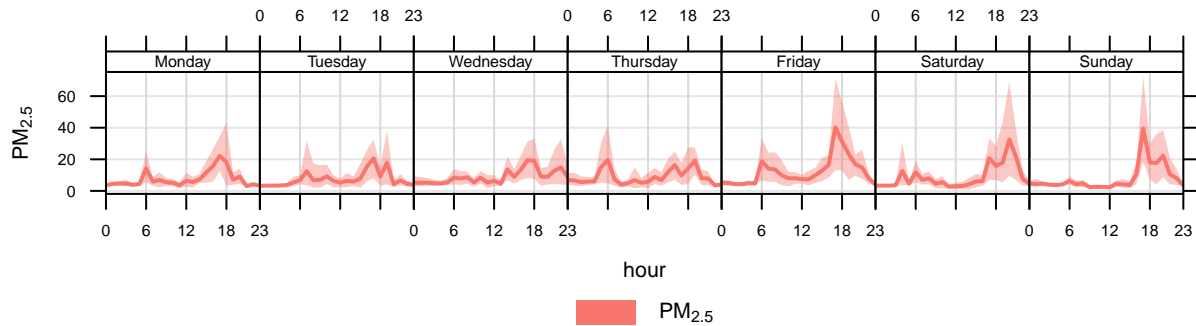


PM₁₀ Time variation at Ben399



mean and 95% confidence interval in mean

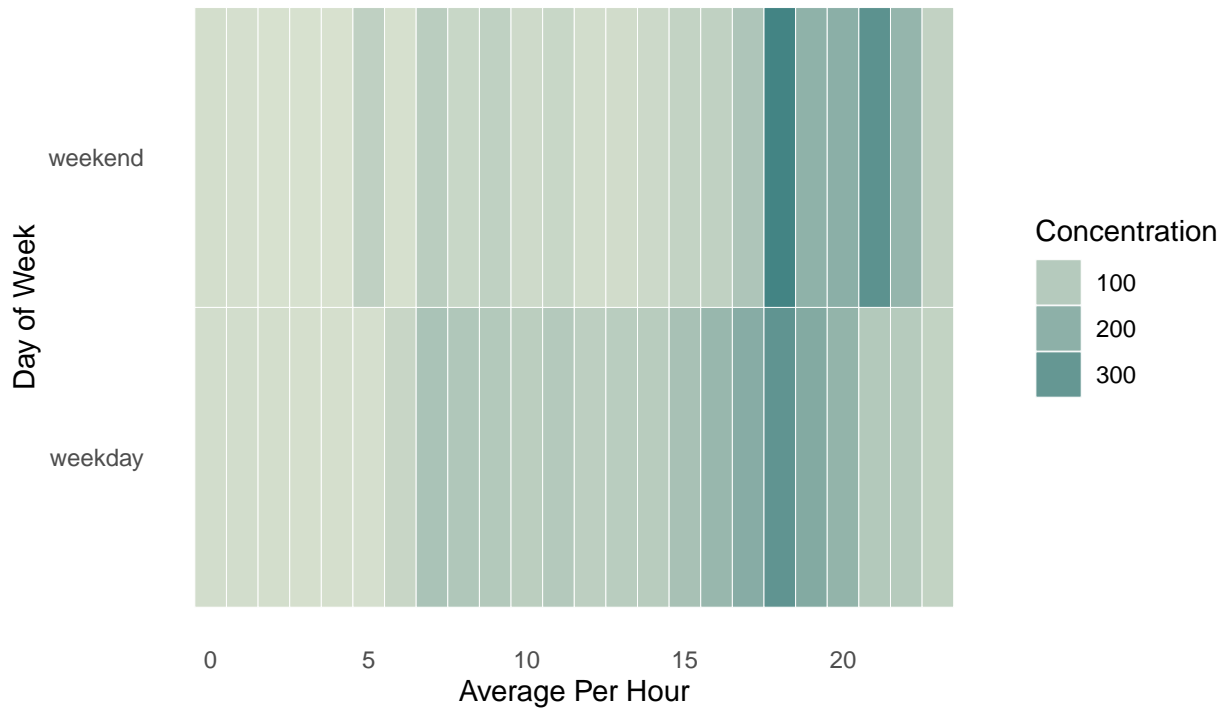
PM_{2.5} Time variation at Ben399



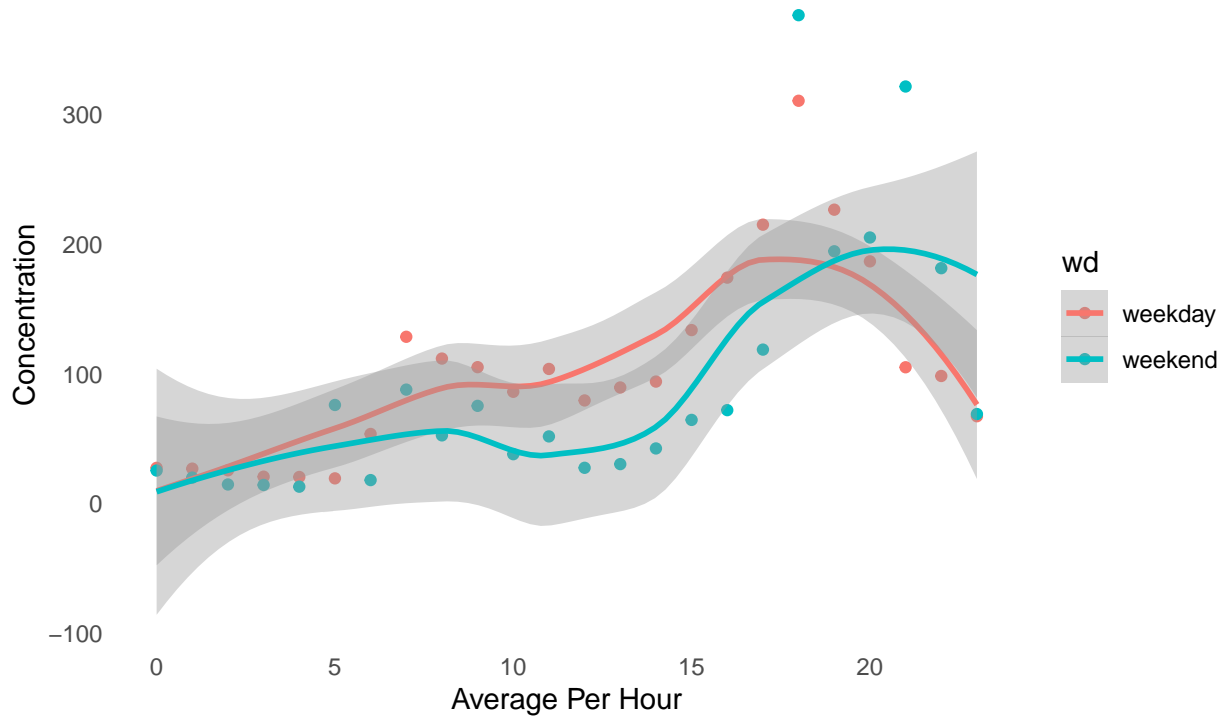
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

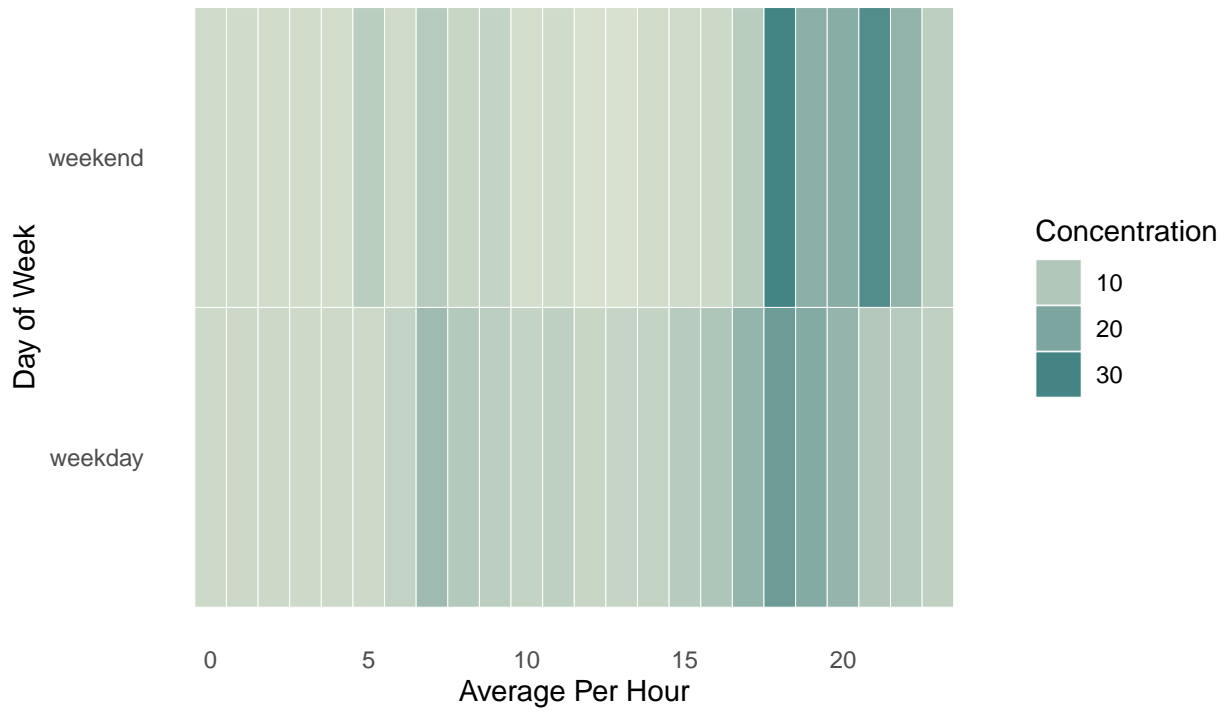


PM10 concentration by weekday and weekend with trend

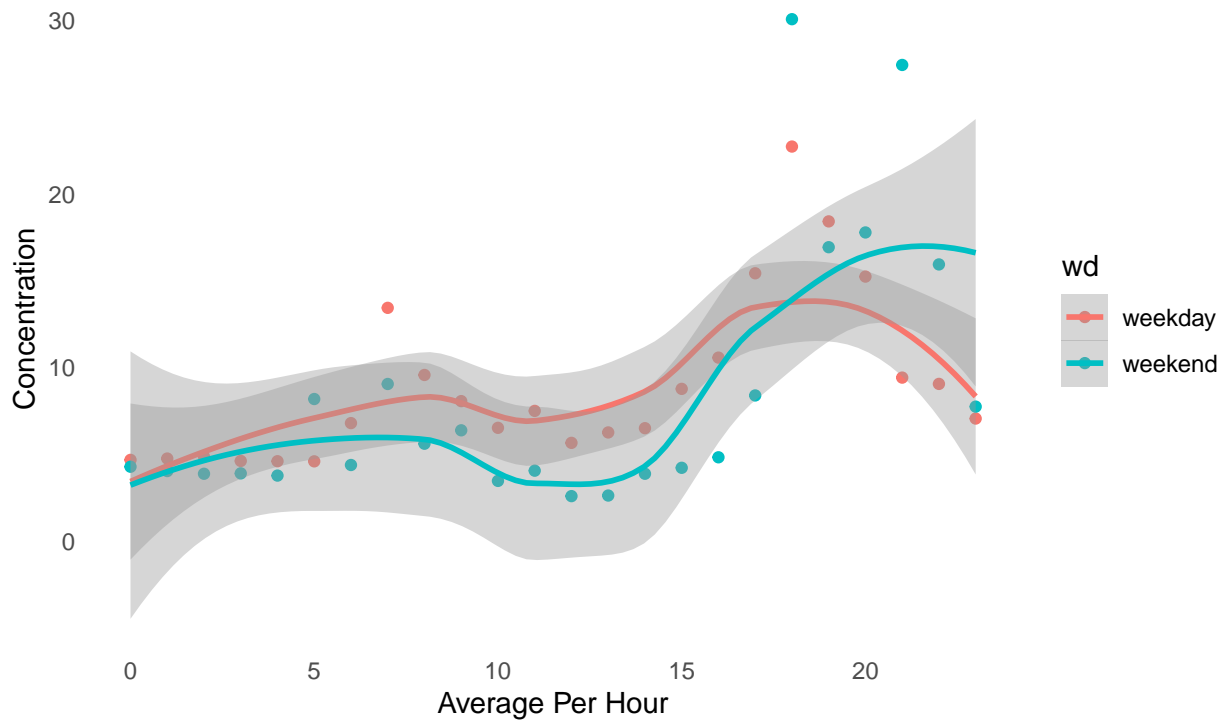




PM2.5 concentration by Weekday/weekend and Hour

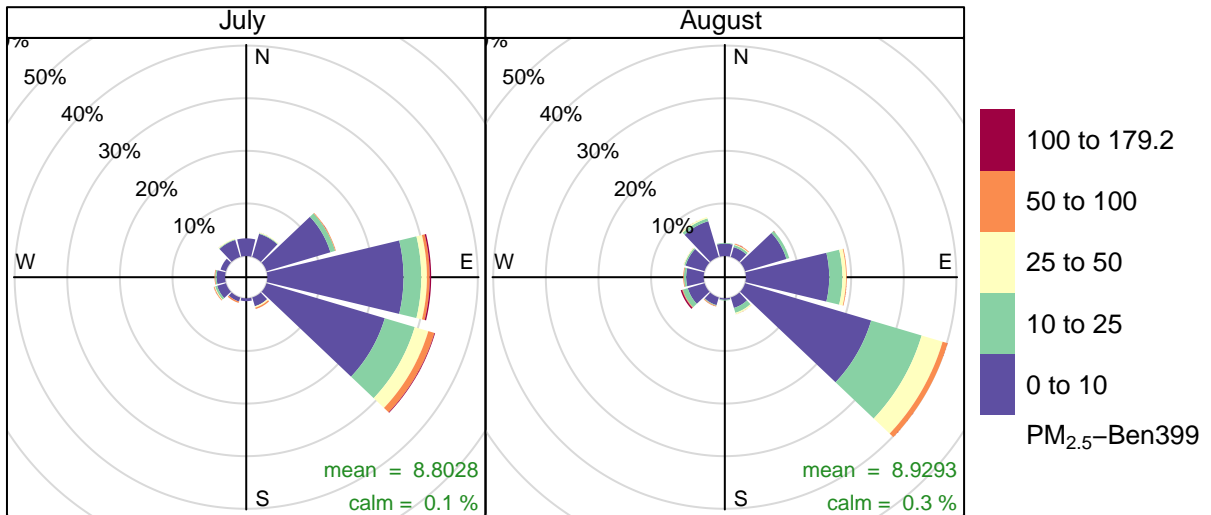


PM2.5 concentration by weekday and weekend with trend



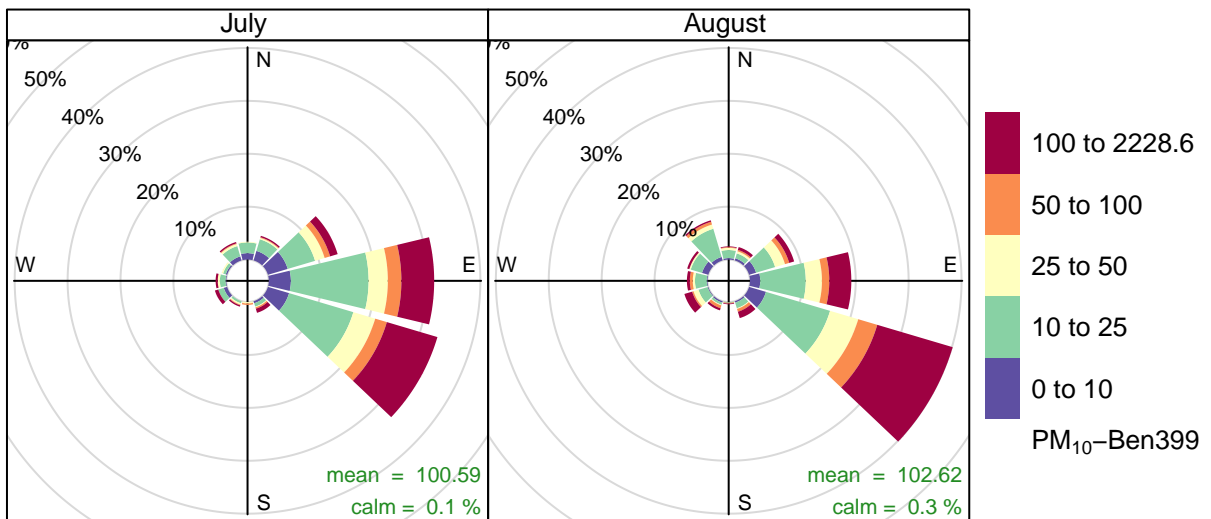


PM_{2.5} pollution rose at Ben399



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben399



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN399]
September-October 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-09-01	11.5	124.8	100.0	100.0
2022-09-02	5.2	61.8	100.0	100.0
2022-09-03	1.8	13.7	100.0	100.0
2022-09-04	5.9	43.6	100.0	100.0
2022-09-05	5.0	38.8	100.0	100.0
2022-09-06	5.7	37.4	95.8	95.8
2022-09-07	9.3	67.8	100.0	100.0
2022-09-08	6.2	75.1	100.0	100.0
2022-09-09	3.9	25.5	100.0	100.0
2022-09-10	9.0	62.4	100.0	100.0
2022-09-11	7.0	64.4	100.0	100.0
2022-09-12	5.6	39.8	100.0	100.0
2022-09-13	12.5	126.2	100.0	100.0
2022-09-14	14.6	160.4	100.0	100.0
2022-09-15	11.3	117.4	100.0	100.0
2022-09-16	6.0	57.4	100.0	100.0
2022-09-17	8.9	89.0	100.0	100.0
2022-09-18	13.1	135.3	100.0	100.0
2022-09-19	3.2	20.8	100.0	100.0
2022-09-20	8.9	70.2	100.0	100.0
2022-09-21	7.5	73.1	100.0	100.0
2022-09-22	7.2	80.9	100.0	100.0
2022-09-23	6.8	69.3	100.0	100.0
2022-09-24	5.7	39.9	100.0	100.0
2022-09-25	4.1	19.6	100.0	100.0
2022-09-26	5.3	39.9	100.0	100.0
2022-09-27	3.0	20.1	100.0	100.0
2022-09-28	6.1	50.2	100.0	100.0
2022-09-29	3.4	15.4	100.0	100.0
2022-09-30	2.3	6.0	100.0	100.0
2022-10-01	0.6	2.7	91.7	91.7
2022-10-02	NA	NA	NA	NA
2022-10-03	2.3	6.3	100.0	100.0
2022-10-04	2.0	5.0	100.0	100.0
2022-10-05	1.8	5.6	100.0	100.0
2022-10-06	2.1	10.5	100.0	100.0
2022-10-07	2.3	16.1	100.0	100.0
2022-10-08	1.8	13.1	100.0	100.0
2022-10-09	3.0	25.2	100.0	100.0
2022-10-10	2.6	18.5	100.0	100.0
2022-10-11	1.4	7.1	100.0	100.0
2022-10-12	4.9	13.4	100.0	100.0
2022-10-13	7.0	51.9	100.0	100.0
2022-10-14	4.2	34.2	100.0	100.0
2022-10-15	3.0	20.6	100.0	100.0



(continued)

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-10-16	2.1	15.9	100.0	100.0
2022-10-17	2.3	12.7	100.0	100.0
2022-10-18	5.6	48.1	100.0	100.0
2022-10-19	3.7	32.6	100.0	100.0
2022-10-20	5.4	64.0	100.0	100.0
2022-10-21	3.0	24.5	100.0	100.0
2022-10-22	4.5	37.4	100.0	100.0
2022-10-23	3.9	17.8	100.0	100.0
2022-10-24	6.4	33.3	100.0	100.0
2022-10-25	5.6	27.3	100.0	100.0
2022-10-26	5.6	19.8	100.0	100.0
2022-10-27	5.7	37.4	100.0	100.0
2022-10-28	8.2	40.8	100.0	100.0
2022-10-29	6.7	22.1	100.0	100.0
2022-10-30	4.7	17.8	100.0	100.0
2022-10-31	9.0	67.1	100.0	100.0

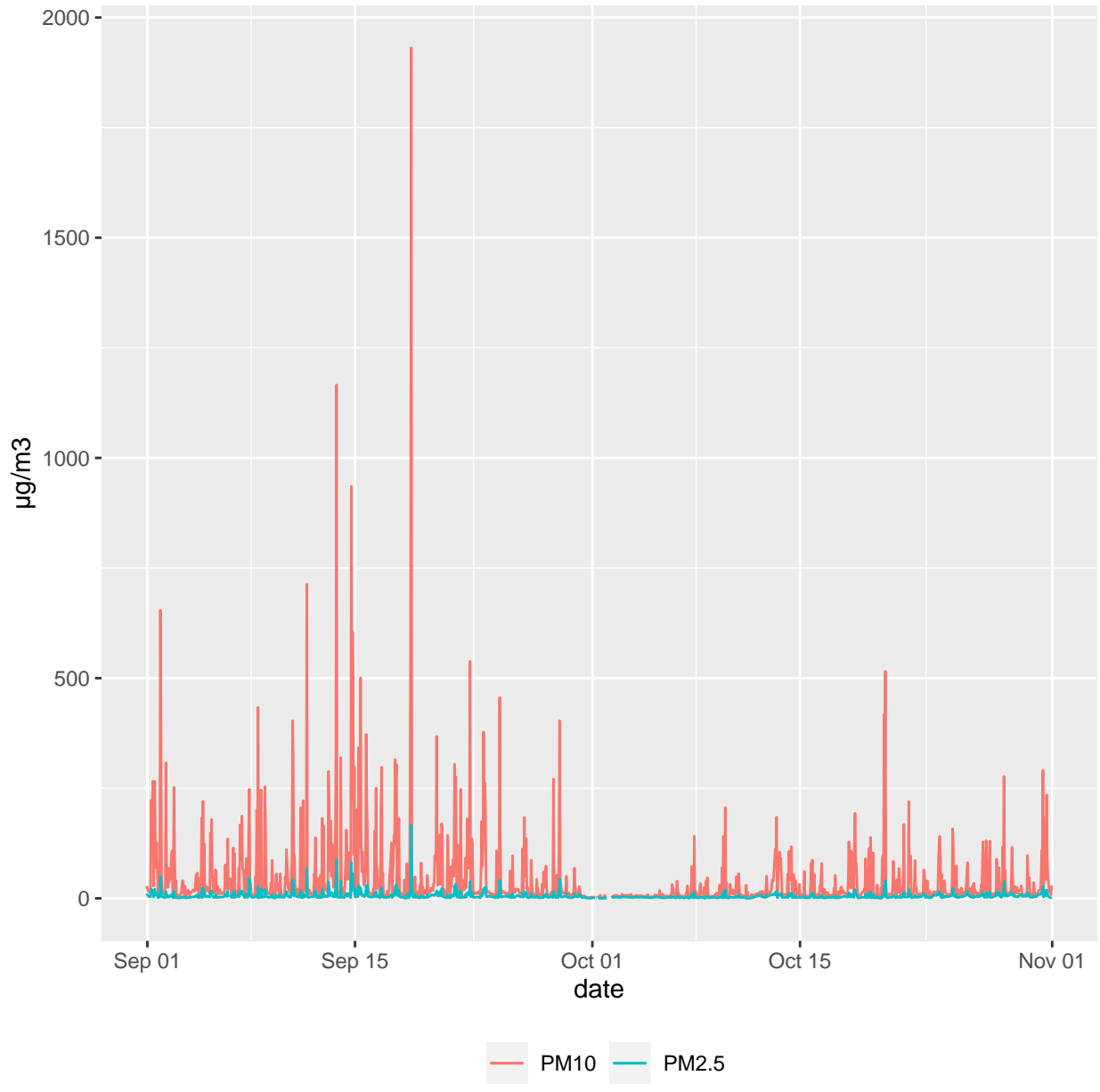
Monthly Average

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
September 2022	6.86667	61.54	99.86000	99.86000
October 2022	4.04667	24.96	99.72333	99.72333

NA - Not enough data to calculate averages

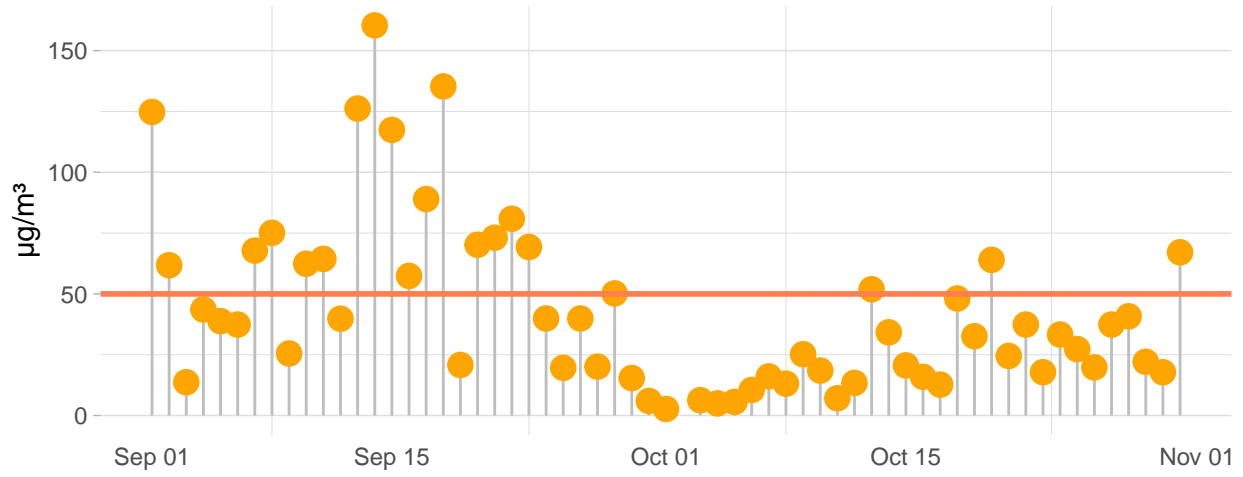


PM10 & PM2.5 hourly averages

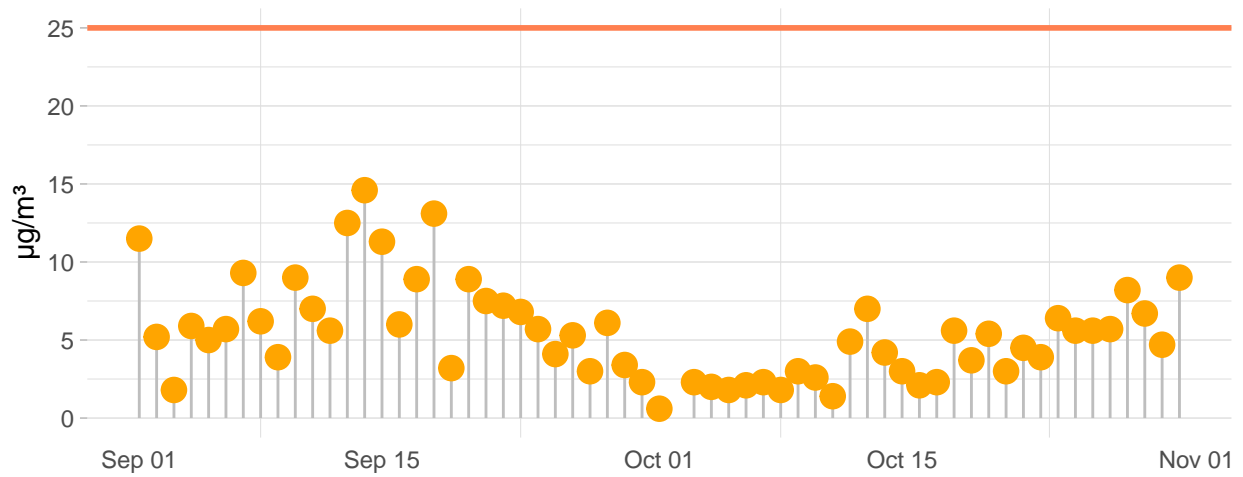




PM10 daily averages



PM2.5 daily averages





Daily Exceedances

PM₁₀. Daily Exceedances at Ben399

September-2022							October-2022						
29	30	31	124.8	61.8	13.7	43.6	26	27	28	29	30	2.7	5.1
38.8	37.4	67.8	75.1	25.5	62.4	64.4	6.3	5	5.6	10.5	16.1	13.1	25.2
39.8	126.2	160.4	117.4	57.4	89	135.3	18.5	7.1	13.4	51.9	34.2	20.6	15.9
20.8	70.2	73.1	80.9	69.3	39.9	19.6	12.7	48.1	32.6	64	24.5	37.4	17.8
39.9	20.1	50.2	15.4	6	1	2	33.3	27.3	19.8	37.4	40.8	22.1	17.8
3	4	5	6	7	8	9	67	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM₁₀. Days with Exceedances at Ben399

September-2022							October-2022						
29	30	31	1	2	3	4	26	27	28	29	30	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	1	2	24	25	26	27	28	29	30
3	4	5	6	7	8	9	31	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Daily Exceedances at Ben399

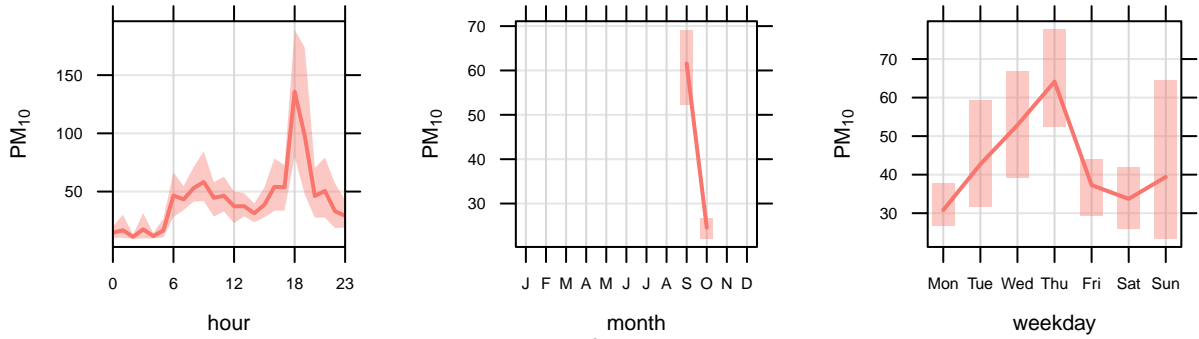
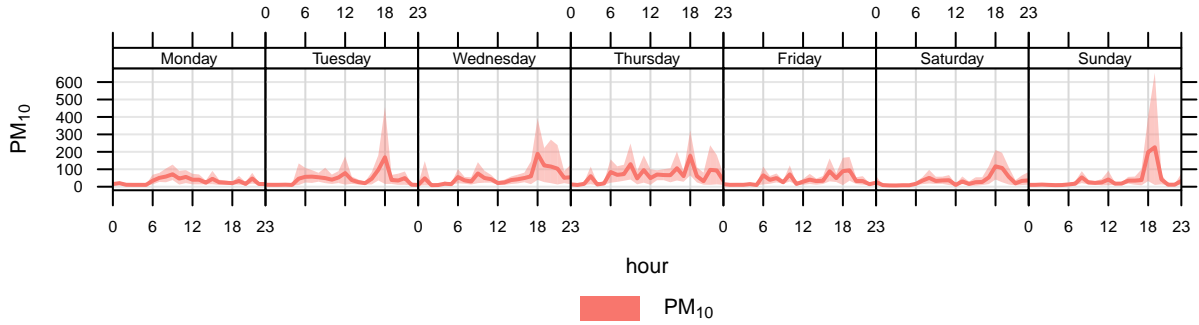
September-2022							October-2022						
29	30	31	11.5	5.2	1.8	5.9	26	27	28	29	30	0.6	2.1
5	5.7	9.3	6.2	3.9	9	7	2.3	2	1.8	2.1	2.3	1.8	3
5.6	12.5	14.6	11.3	6	8.9	13.1	2.6	1.4	4.9	7	4.2	3	2.1
3.2	8.9	7.5	7.2	6.8	5.7	4.1	2.3	5.6	3.7	5.4	3	4.5	3.9
5.3	3	6.1	3.4	2.3	1	2	6.4	5.6	5.6	5.7	8.2	6.7	4.7
3	4	5	6	7	8	9	9	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

PM_{2.5}. Days with Exceedances at Ben399

September-2022							October-2022						
29	30	31	1	2	3	4	26	27	28	29	30	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	1	2	24	25	26	27	28	29	30
3	4	5	6	7	8	9	31	1	2	3	4	5	6
M	T	W	T	F	S	S	M	T	W	T	F	S	S

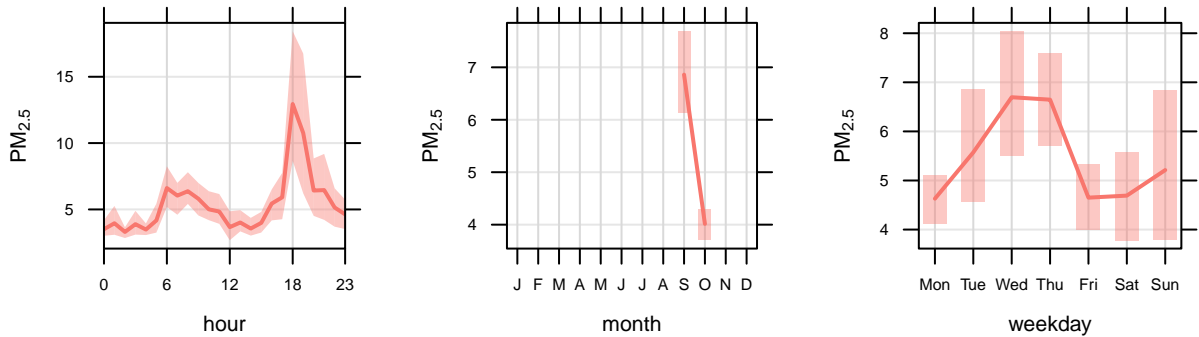
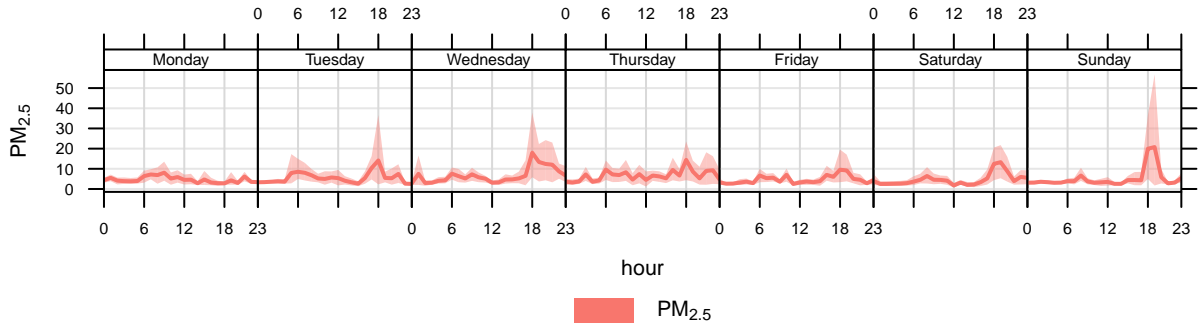


PM₁₀ Time variation at Ben399



mean and 95% confidence interval in mean

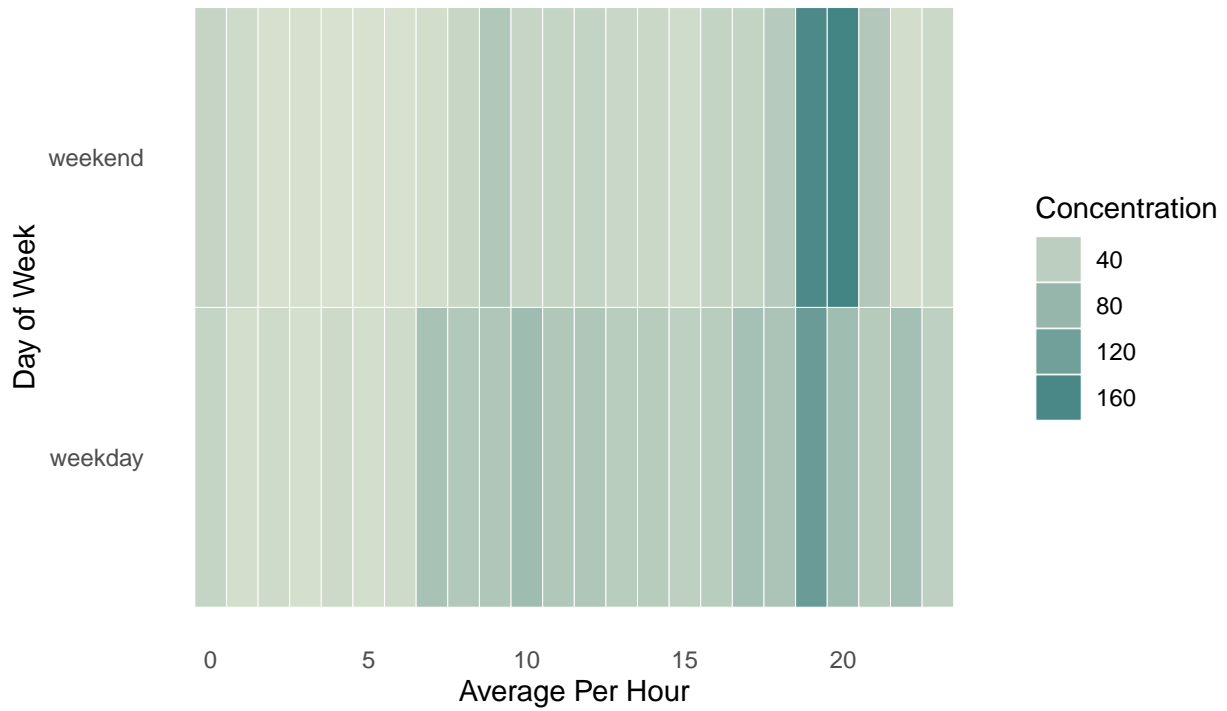
PM_{2.5} Time variation at Ben399



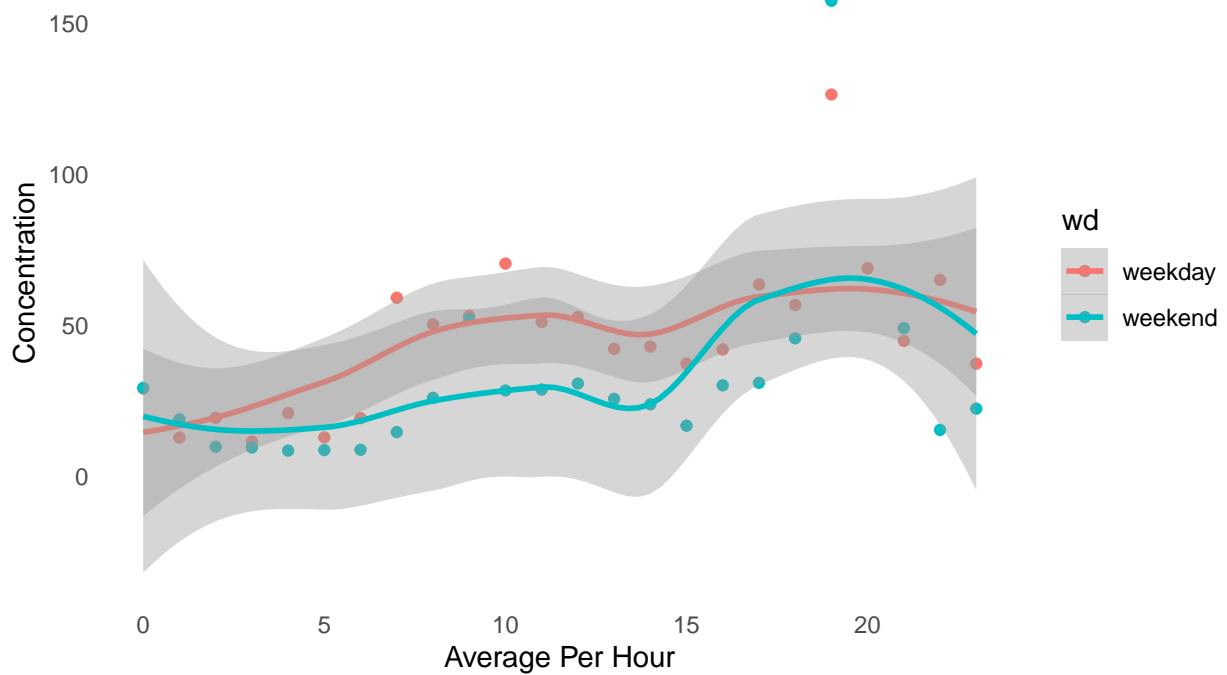
mean and 95% confidence interval in mean



PM10 concentration by Weekday/weekend and Hour

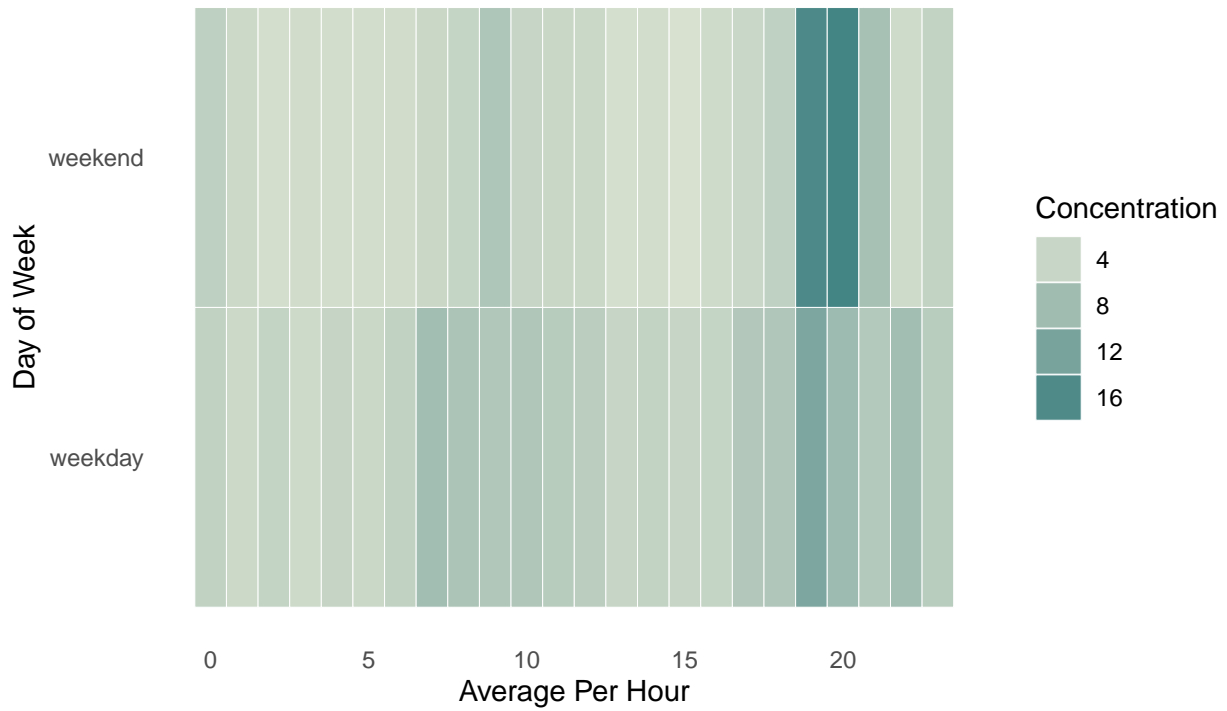


PM10 concentration by weekday and weekend with trend

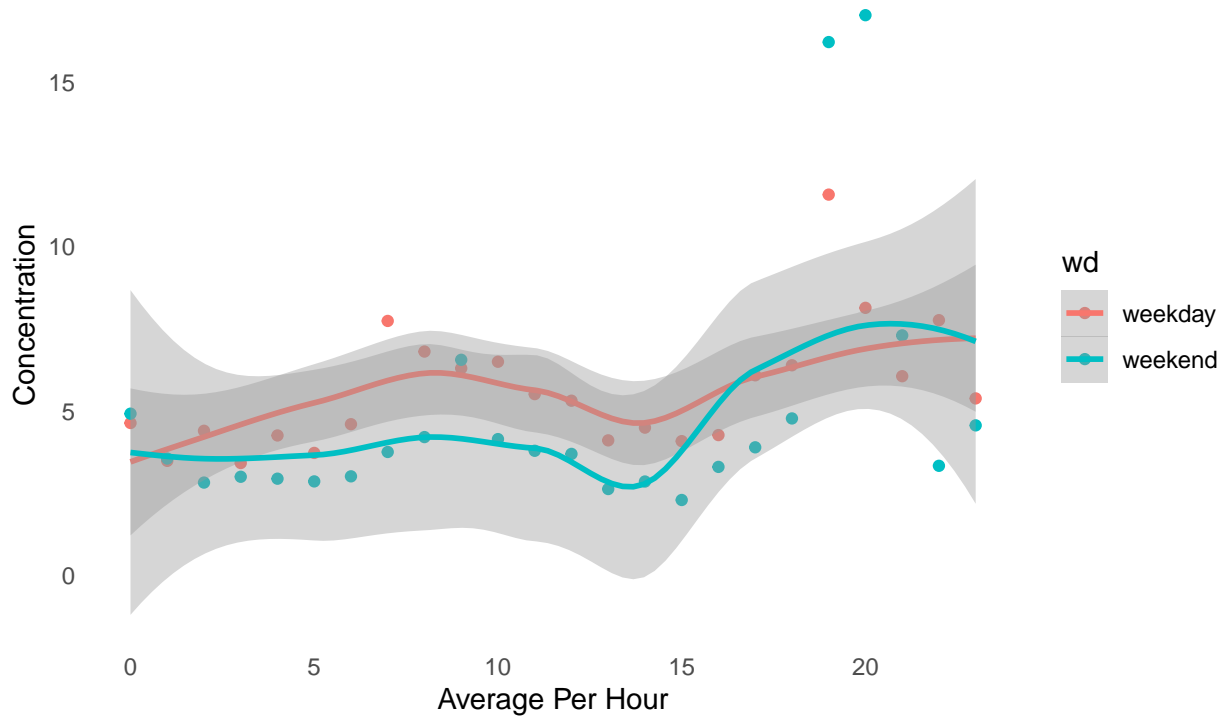




PM2.5 concentration by Weekday/weekend and Hour

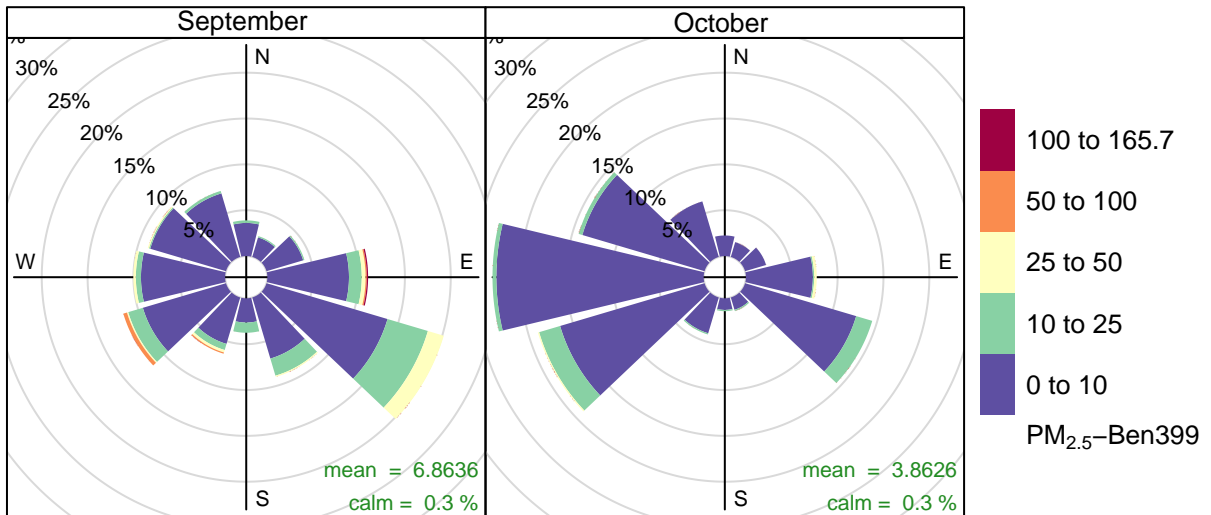


PM2.5 concentration by weekday and weekend with trend



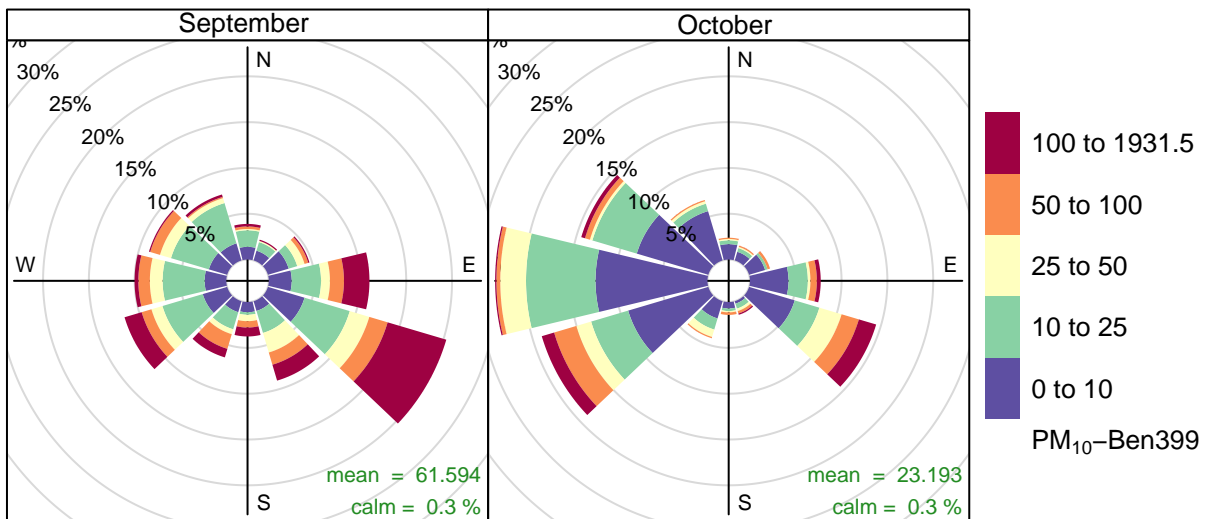


PM_{2.5} pollution rose at Ben399



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben399



Frequency of counts by wind direction (%)

Bi-Monthly Air Quality Reports 2022 [BEN399]

November 2022



Daily Averages

	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	%
	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
2022-11-01	19.4	231.2	100.0	100.0
2022-11-02	4.7	47.7	100.0	100.0
2022-11-03	7.5	74.4	100.0	100.0
2022-11-04	2.7	16.1	100.0	100.0
2022-11-05	1.9	7.6	100.0	100.0
2022-11-06	2.1	9.1	100.0	100.0
2022-11-07	4.0	22.6	100.0	100.0
2022-11-08	NA	NA	41.7	41.7

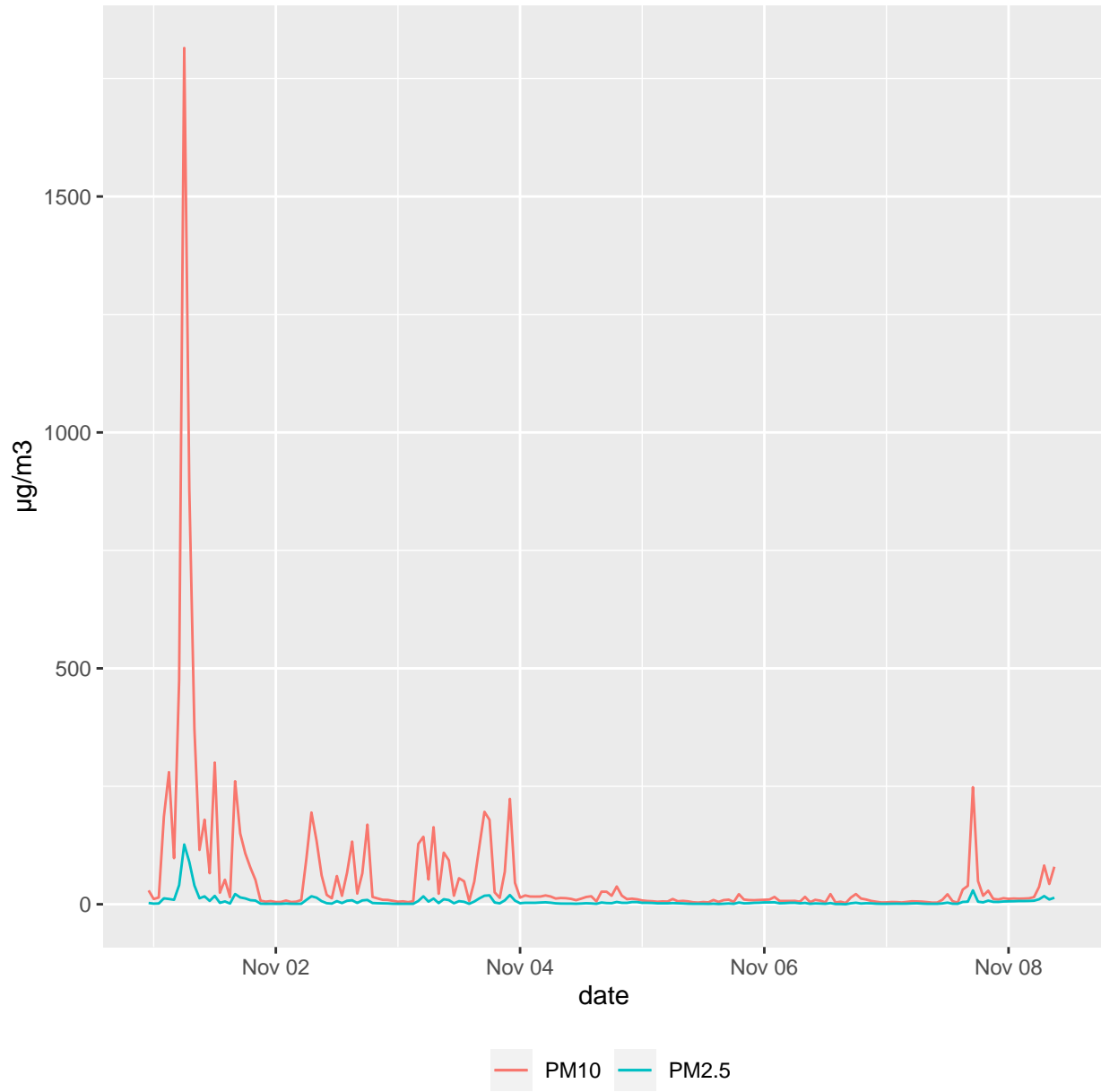
Monthly Average

	PM2.5-Ben399	PM10-Ben399	PM2.5 data capture-Ben399	PM10 data capture-Ben399
November 2022	NA	NA	NA	NA

NA - Not enough data to calculate averages

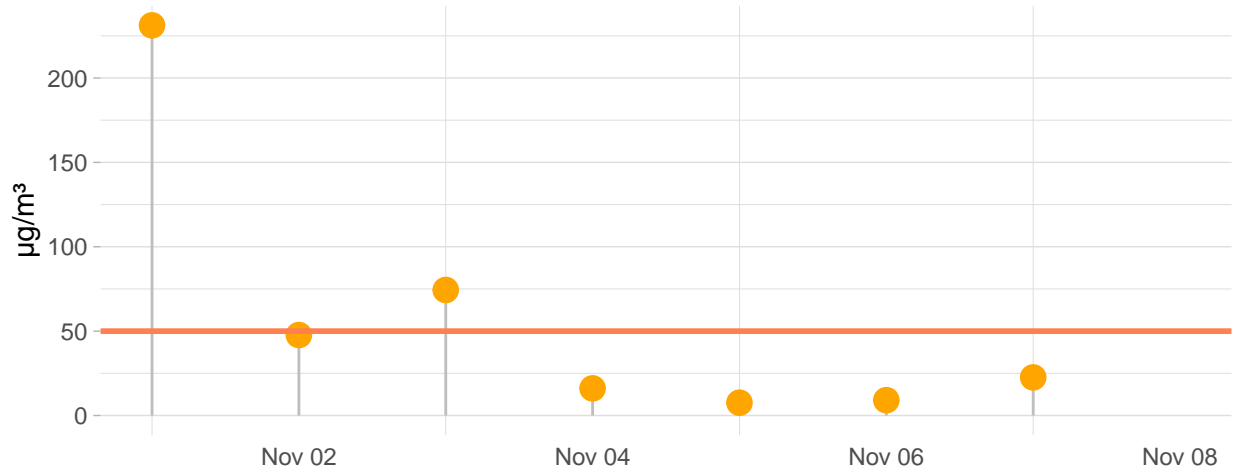


PM10 & PM2.5 hourly averages

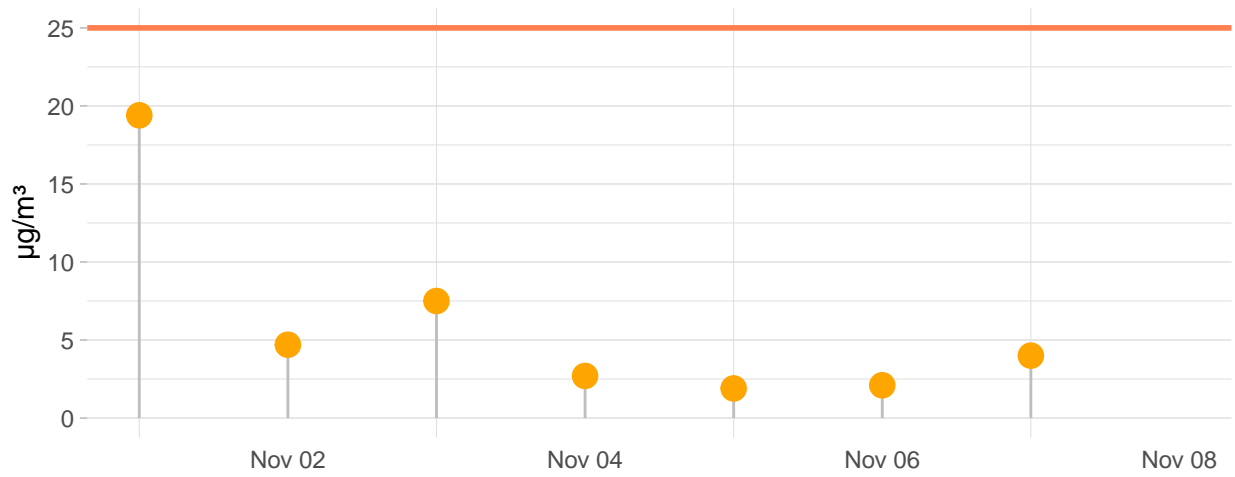




PM10 daily averages



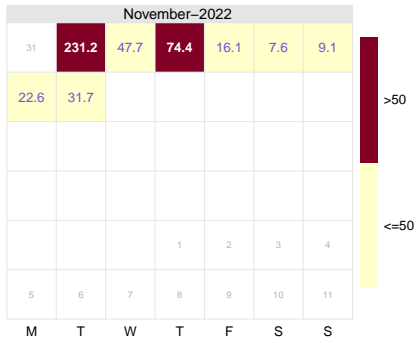
PM2.5 daily averages



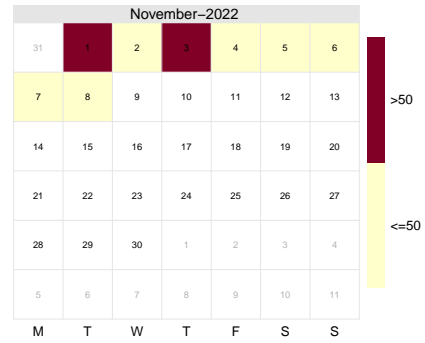


Daily Exceedances

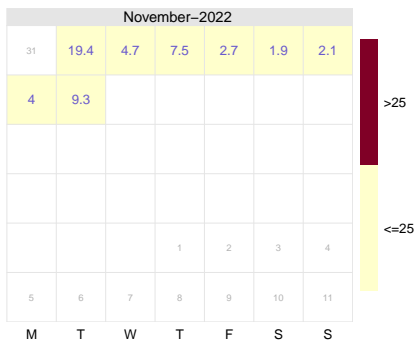
PM₁₀- Daily Exceedances at Ben399



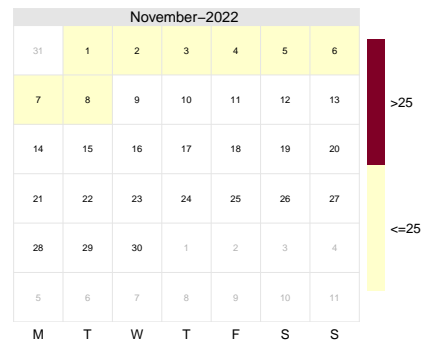
PM₁₀- Days with Exceedances at Ben399



PM_{2.5}- Daily Exceedances at Ben399

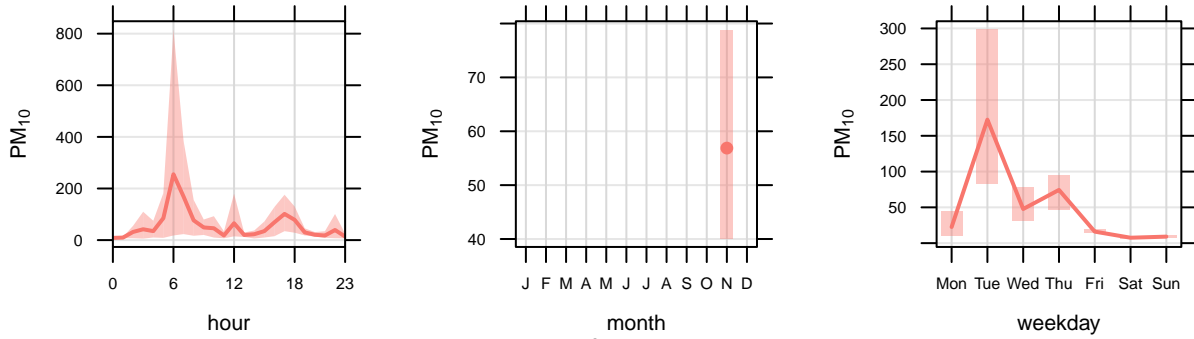
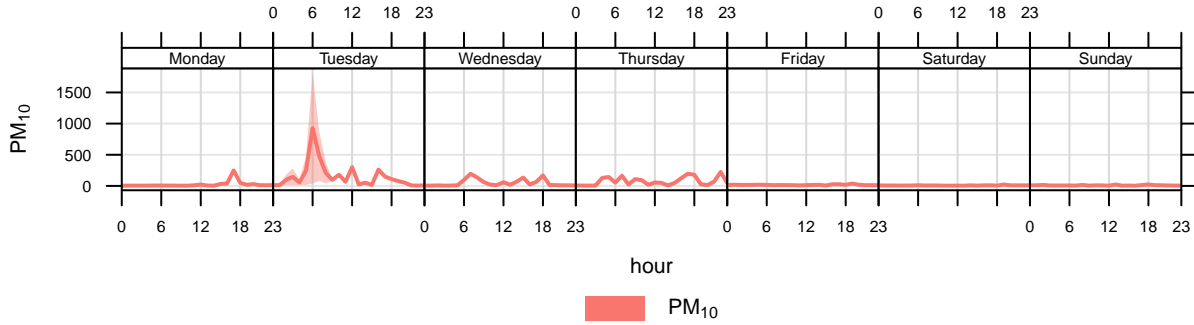


PM_{2.5}- Days with Exceedances at Ben399

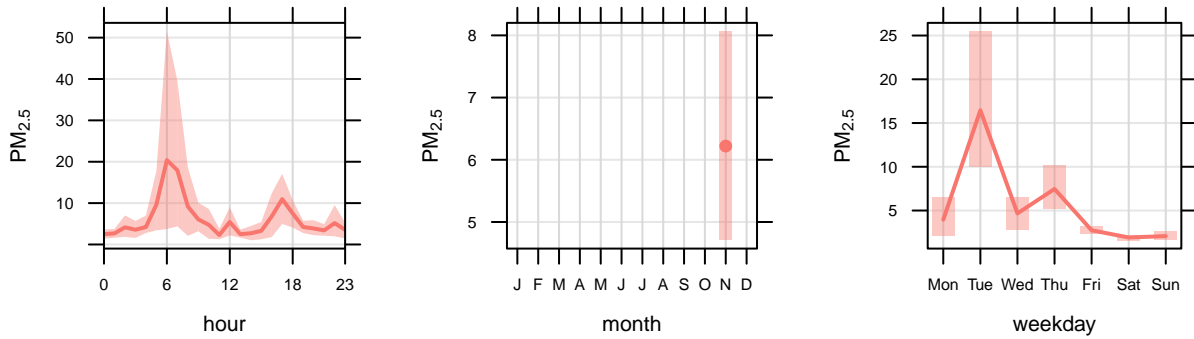
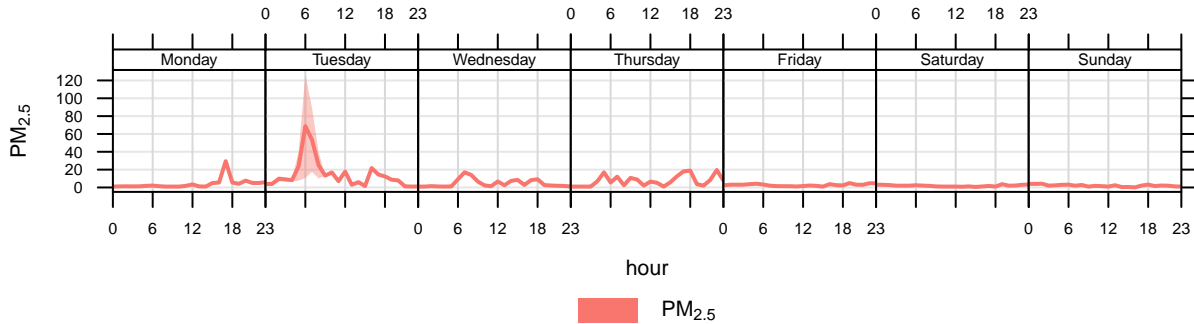




PM₁₀ Time variation at Ben399

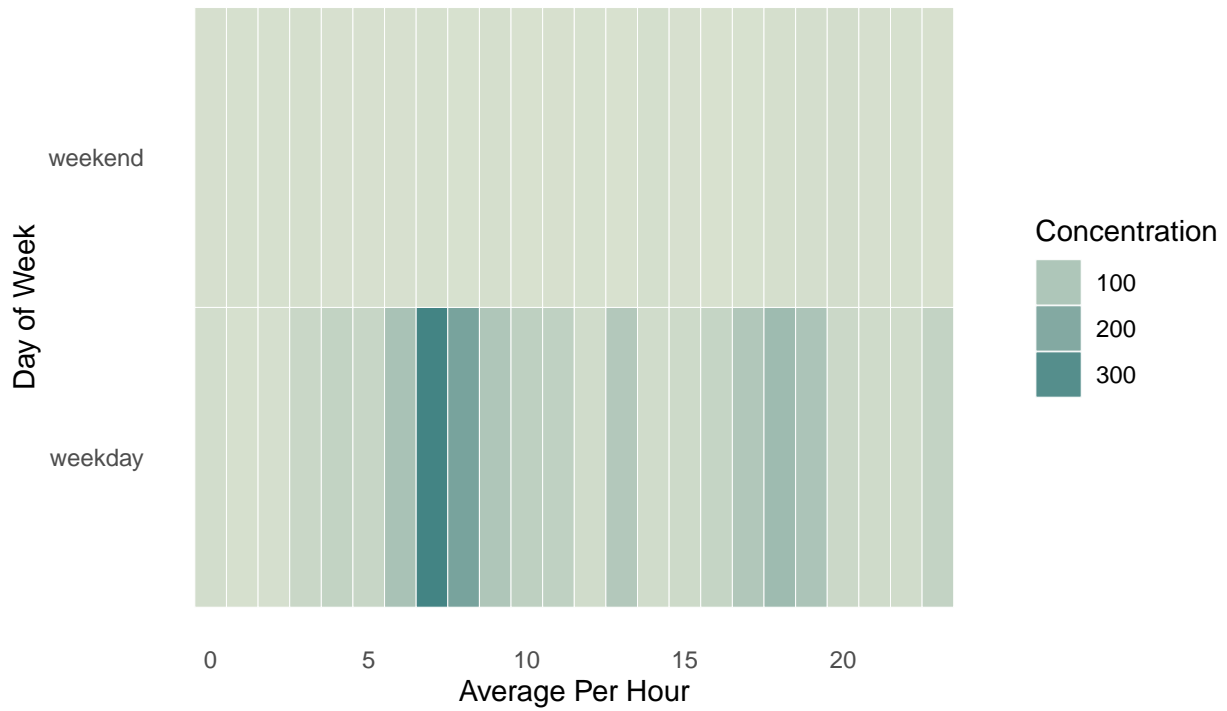


PM_{2.5} Time variation at Ben399

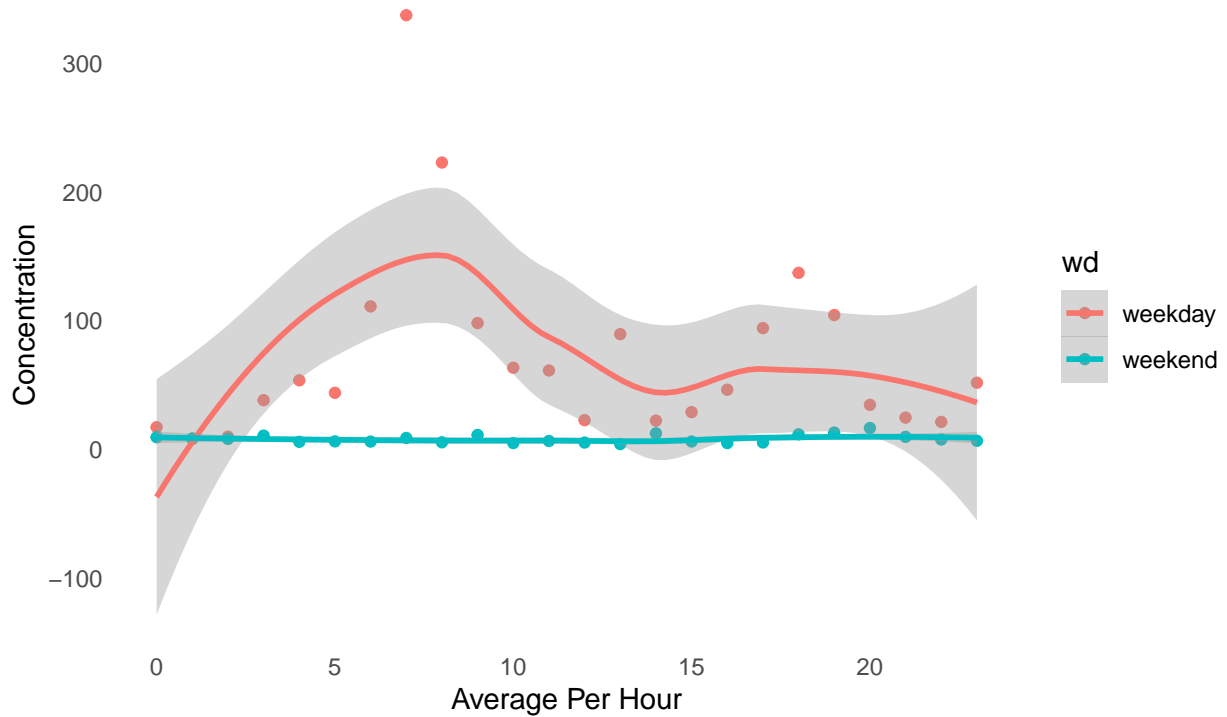




PM10 concentration by Weekday/weekend and Hour

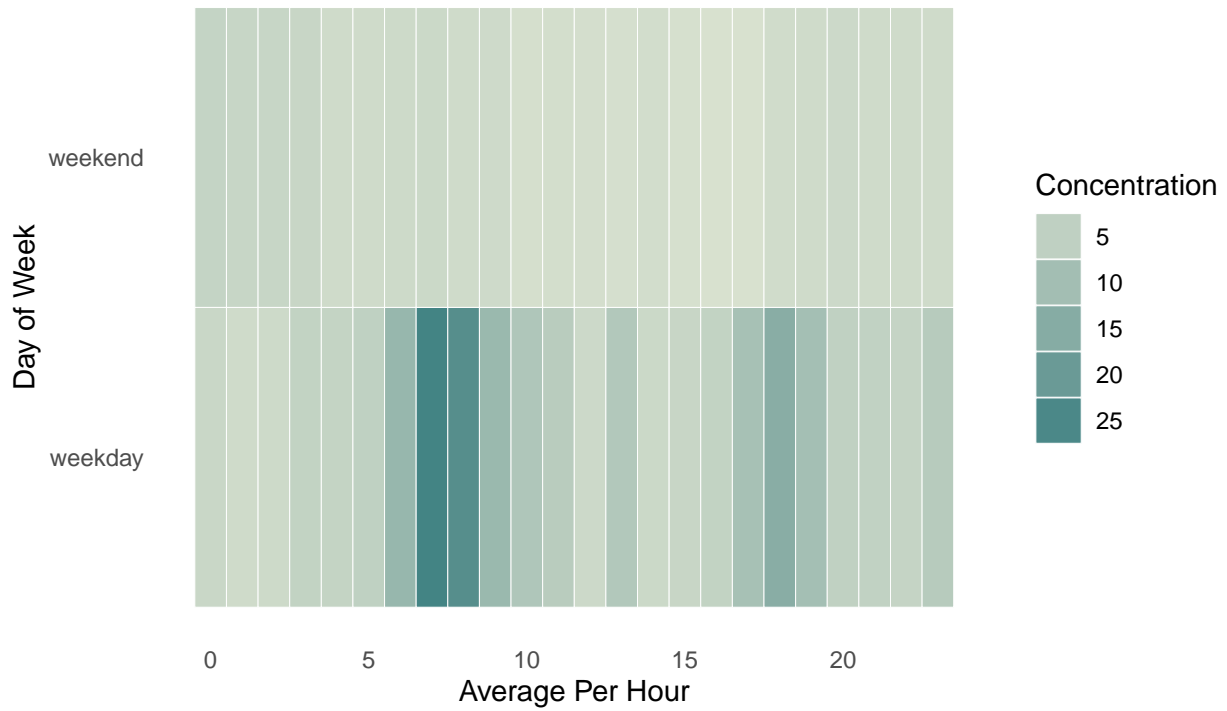


PM10 concentration by weekday and weekend with trend

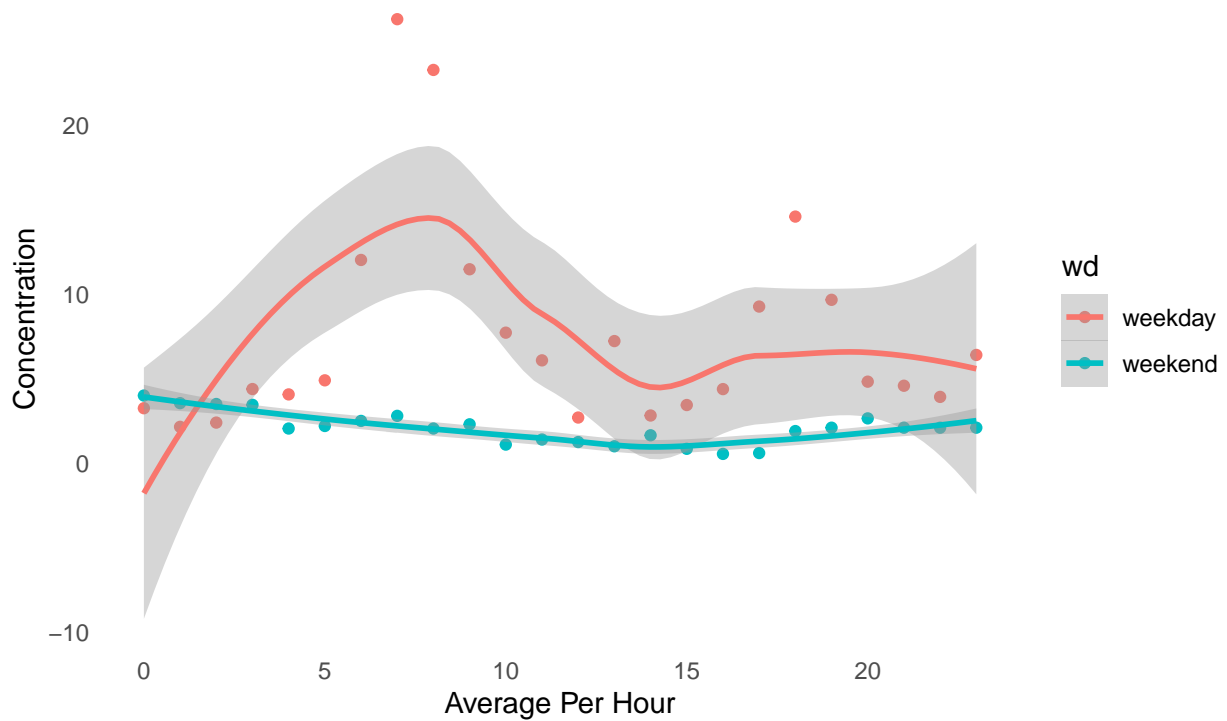




PM2.5 concentration by Weekday/weekend and Hour

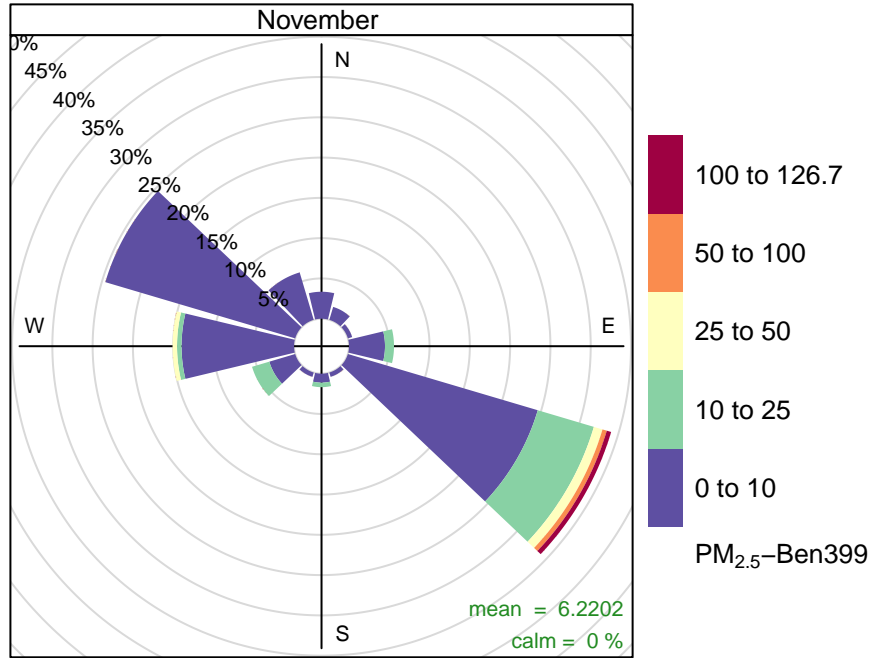


PM2.5 concentration by weekday and weekend with trend



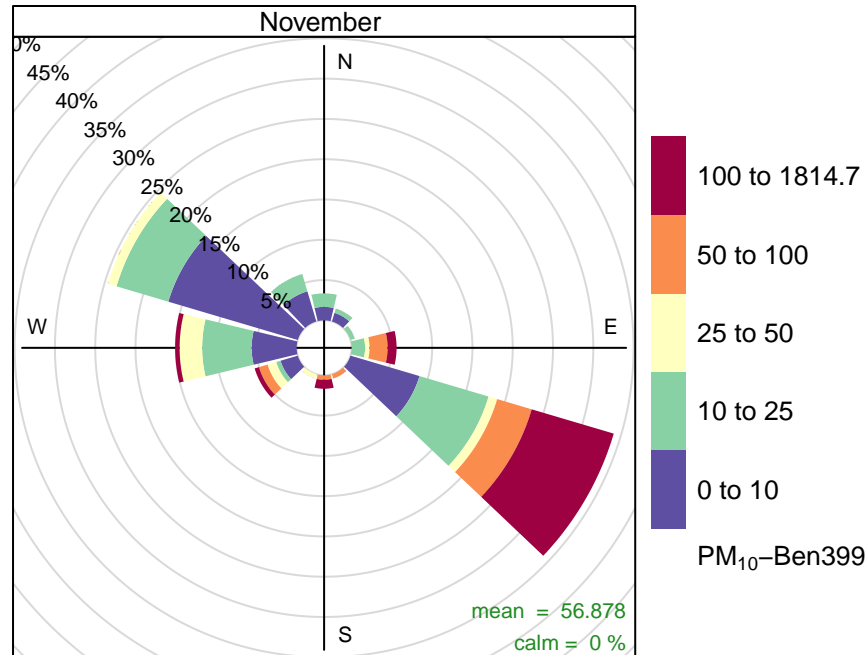


PM_{2.5} pollution rose at Ben399



Frequency of counts by wind direction (%)

PM₁₀ pollution rose at Ben399



Frequency of counts by wind direction (%)