



Government of Nepal
Ministry of Forest and Environment
Department of Environment
Babarmahal, Kathmandu

Air quality status of Nepal

2016-2020

Volume X

Pokhara University, Pokhara air quality monitoring
station



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1. Pokhara University, Pokhara Air Quality Monitoring Station

- Address : Pokhara University, Pokhara
- Location: 28.143122 latitude, 84.08551 longitude
- Surrounding of the station
 - North: Open area of Pokhara university
 - South: Open area of Pokhara university
 - East: Open area of Pokhara university
 - West: Open area of Pokhara university
- Establish year: 2017 (2074)
- Brief introduction of the instruments installed in the station
 1. PM instrument- GRIMM EDM 180
 2. Met sensor luffth WS 700
 3. Data logging and data transmission and power backup system

2. Air Quality Status of Dhulikhel station (2017-2020)

2.1. Air quality status, 2017

2.1.1. Temporal variation of PM₁

Annual average of PM₁

Histogram of hourly average PM₁ is shown in the figure below.

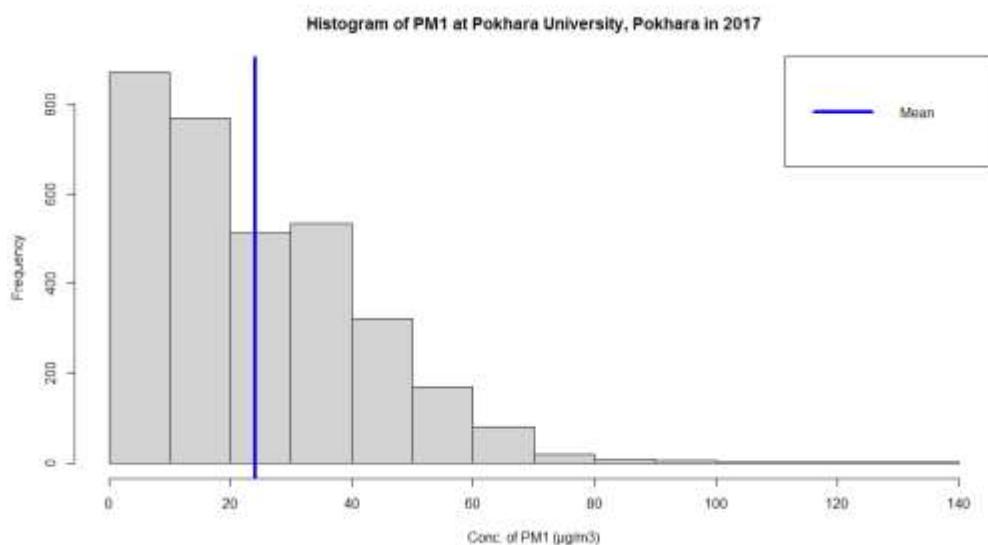


Figure 1 : Histogram of PM₁.

Daily average of PM₁:

Daily average concentration of PM₁ was high during December and was found low during August.

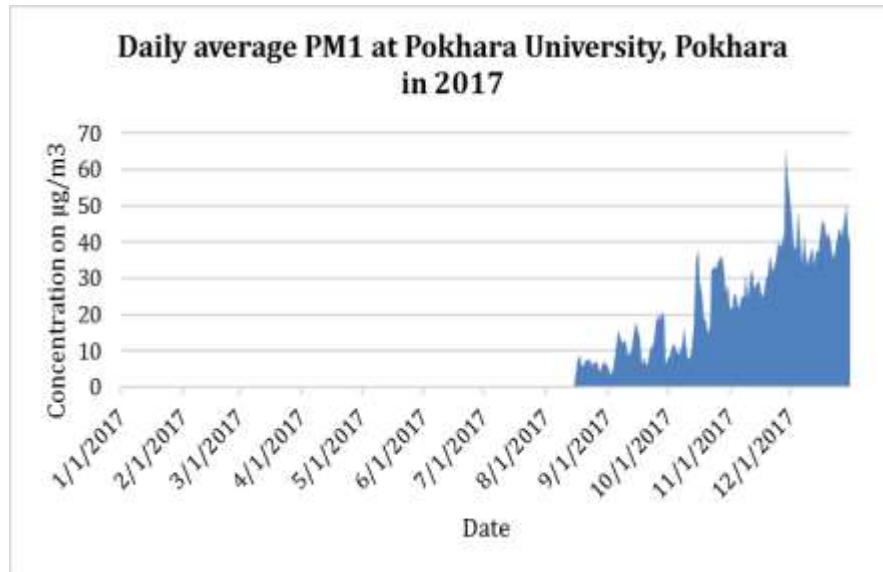


Figure 2: Daily average of PM₁

Monthly average of PM₁

The highest and the lowest concentration of PM₁ was found during December and August respectively. The mean value for those months were found to be 40.96 and 6.58 $\mu\text{g}/\text{m}^3$ respectively.

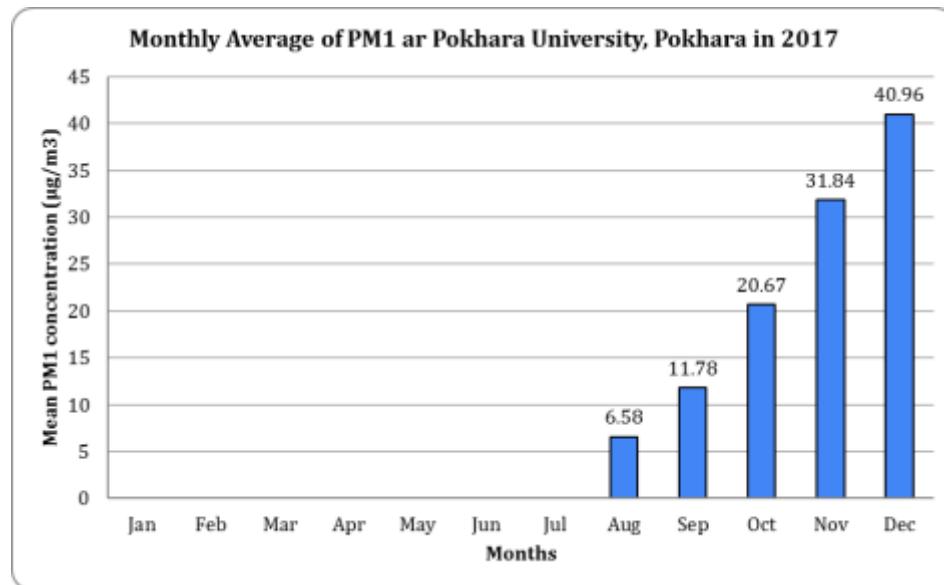


Figure 3: Monthly Average of PM₁

Monthly variation of PM₁

Variation in concentration of PM₁ was found more during December whereas low during August.

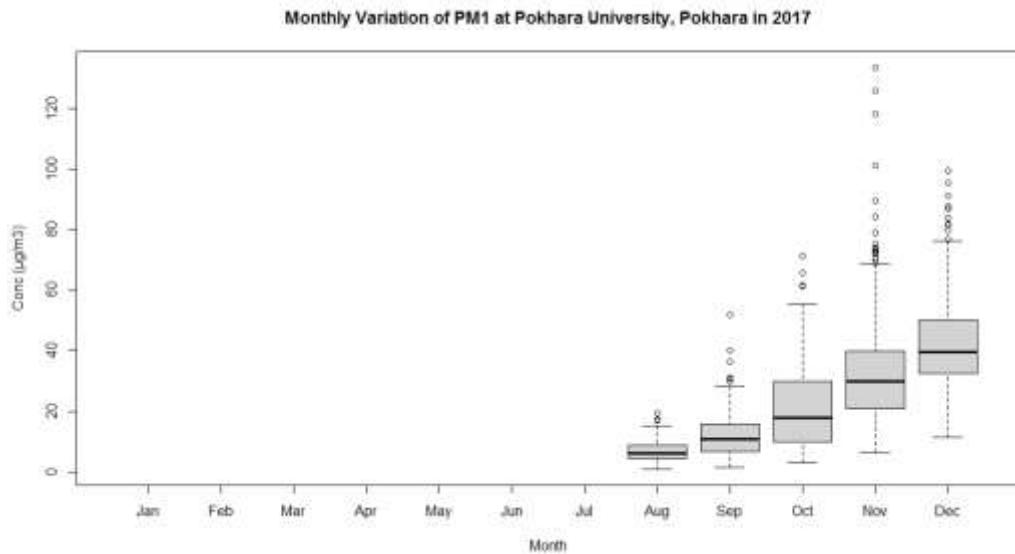


Figure 4: Monthly Variation of PM₁

Diurnal variation of average PM₁

The diurnal variation of average PM₁ concentrations can be shown in the figure below. The variation in PM₁ concentration was high at around 6 pm and low at 1-2 pm.

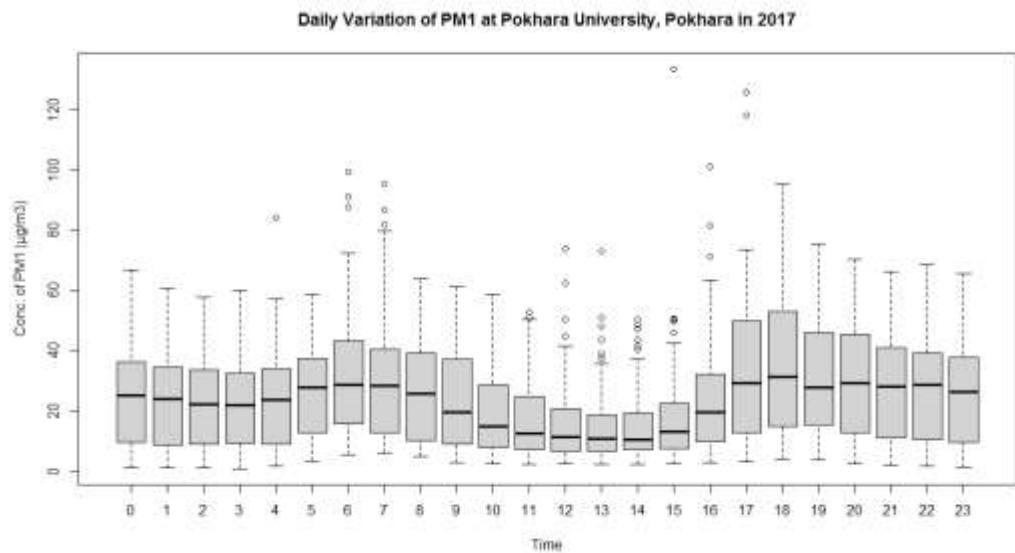


Figure 5: Diurnal variation of PM₁

2.1.2. Temporal variation of PM_{2.5}

Annual average of PM_{2.5}

Histogram of hourly average PM_{2.5} is shown in the figure below.

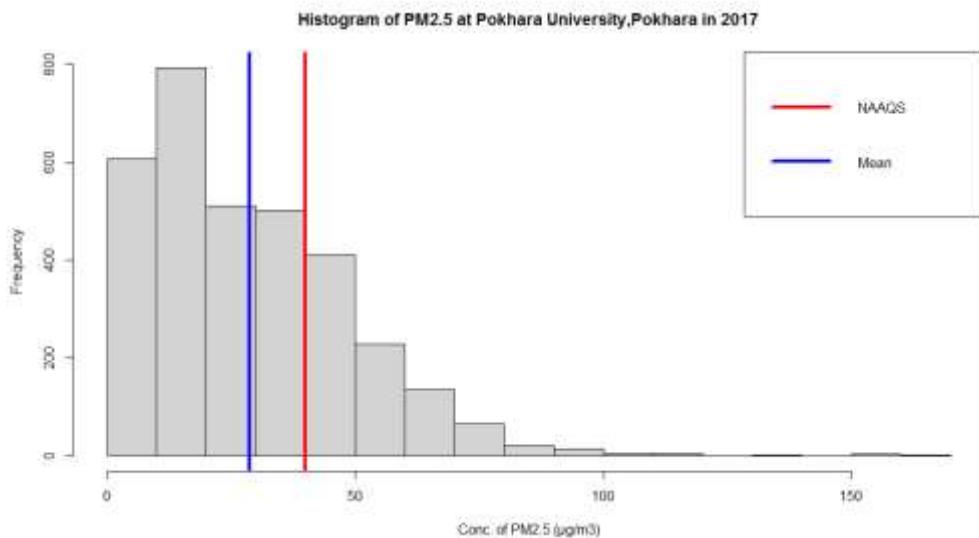


Figure 6 : Histogram of PM_{2.5}

Daily average of PM_{2.5}

Daily average concentration of PM_{2.5} was high during December and was found low during August.

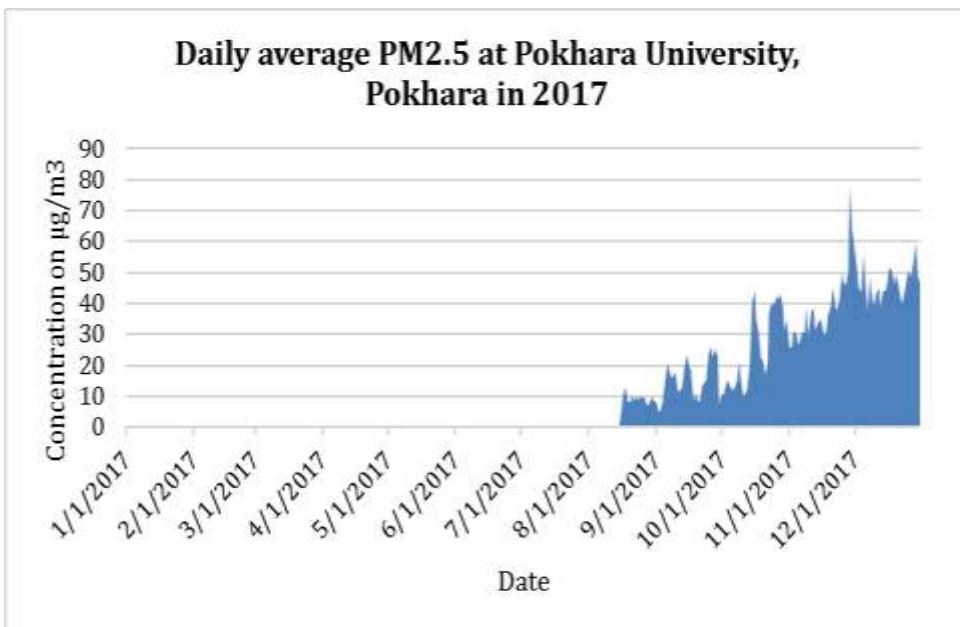


Figure 7: Daily average of PM_{2.5}

Monthly average of PM_{2.5}

The highest and the lowest concentration of PM_{2.5} was found during December and August respectively. The mean value for those months were found to be 46.96 and 9.04 µg/m³ respectively.

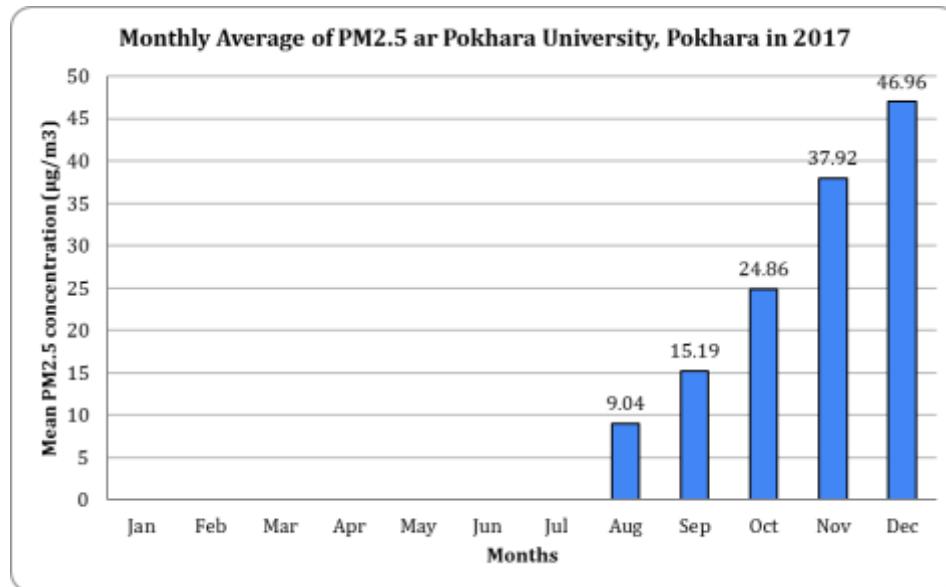


Figure 8: Monthly Average of PM_{2.5}

Monthly variation of PM_{2.5}

Variation in concentration of PM_{2.5} was found more during December whereas low during August.

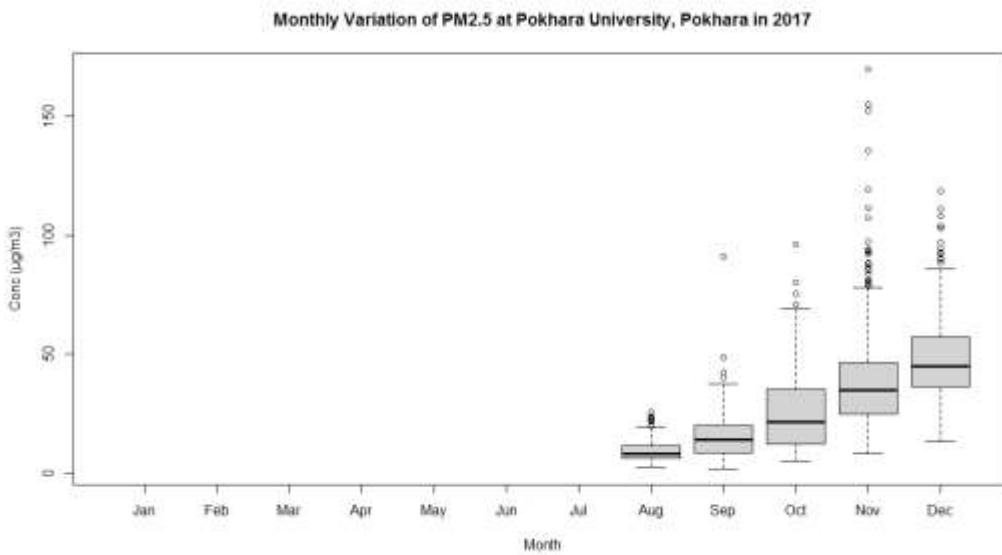


Figure 9: Monthly Variation of PM_{2.5}

Diurnal variation of average PM_{2.5}

The diurnal variation of average PM_{2.5} concentrations can be shown in the figure below. The variation in PM_{2.5} concentrations was high at around 5 pm and low at 2 am.

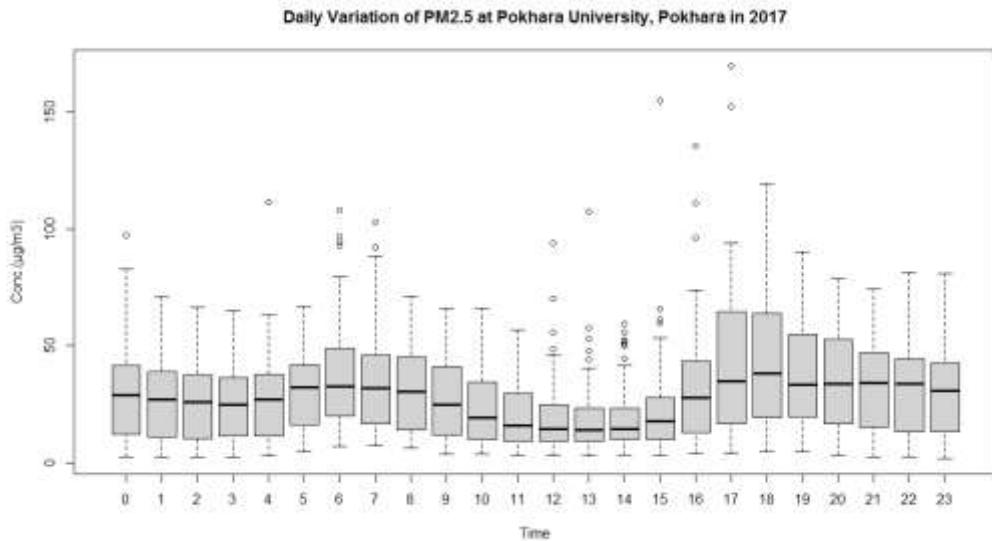


Figure 10: Diurnal variation of PM_{2.5}

Compliance status of PM_{2.5}

The total days of PM_{2.5} monitored in the year 2017 counts 138, of which 42 days exceed the NAAQS guideline.

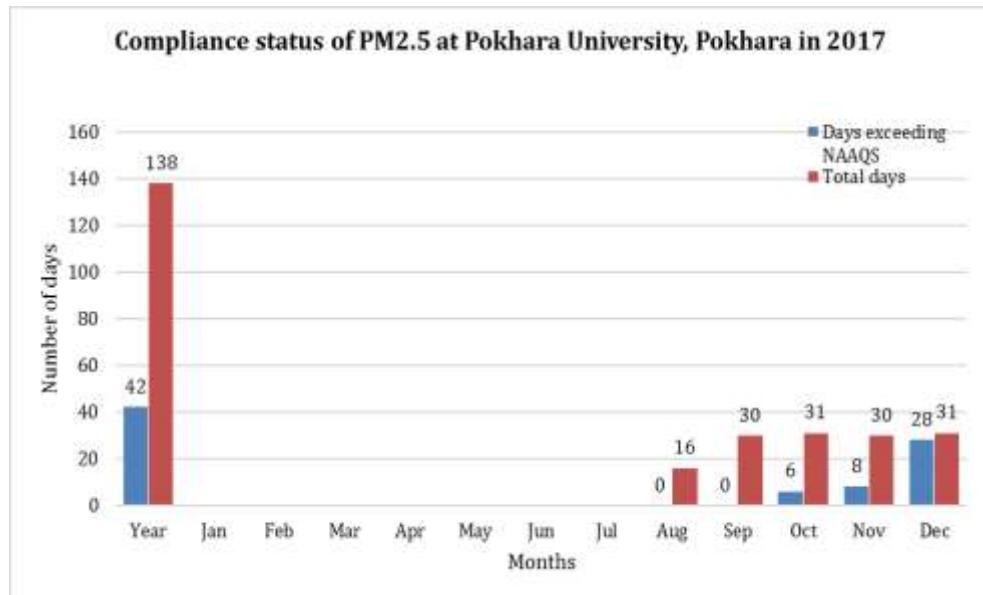


Figure 11: Compliance status of PM_{2.5}

2.1.3. Temporal variation of PM₁₀

Annual average of PM₁₀

Histogram of hourly average PM₁₀ is shown in the figure below.

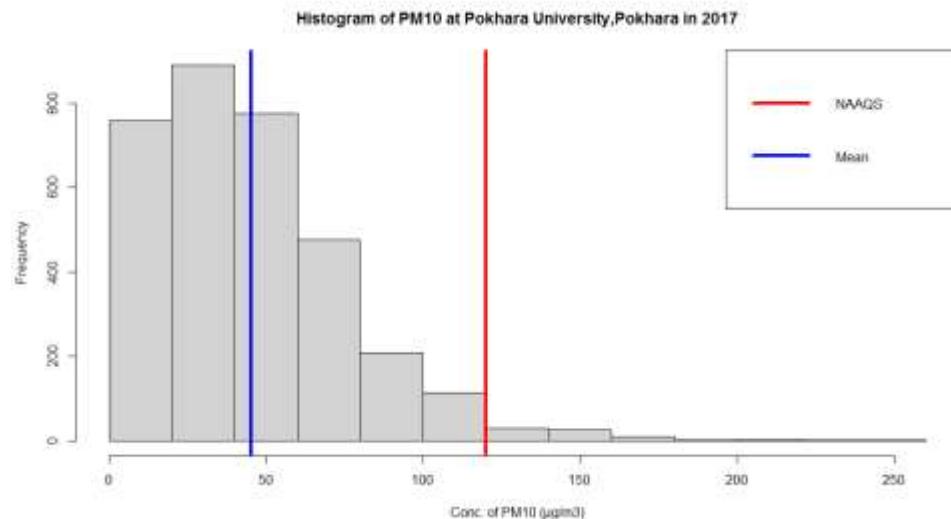


Figure 12 : Histogram for the ambient concentration of PM₁₀.

Daily average of PM₁₀

Daily average concentration of PM₁₀ was high during December and was found low during August.

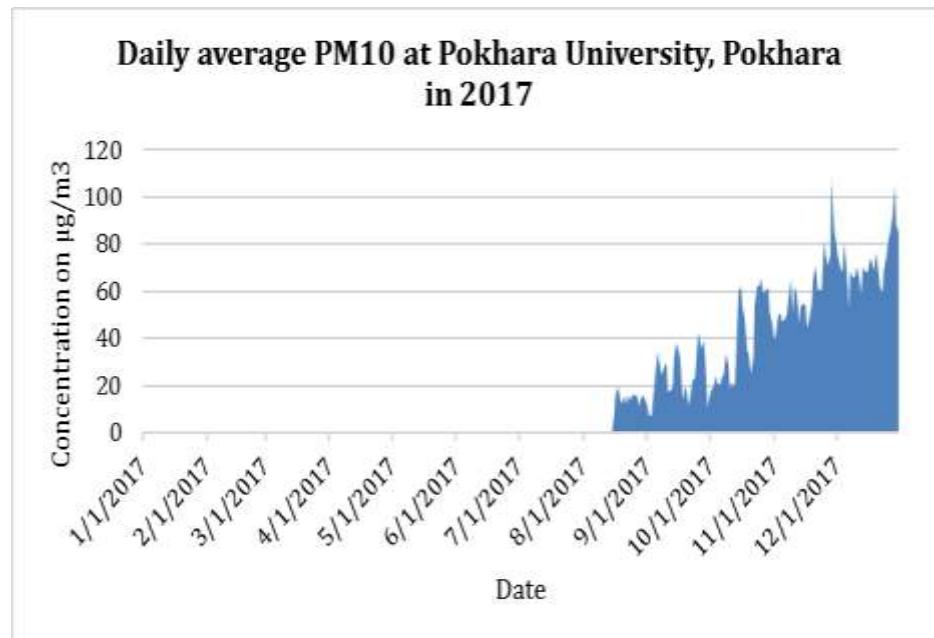


Figure 13: Daily average of PM₁₀

Monthly average of PM₁₀

The highest and the lowest concentration of PM₁₀ was found during December and August respectively. The mean value for those months were found to be 73.11 and 14.52 µg/m³ respectively.

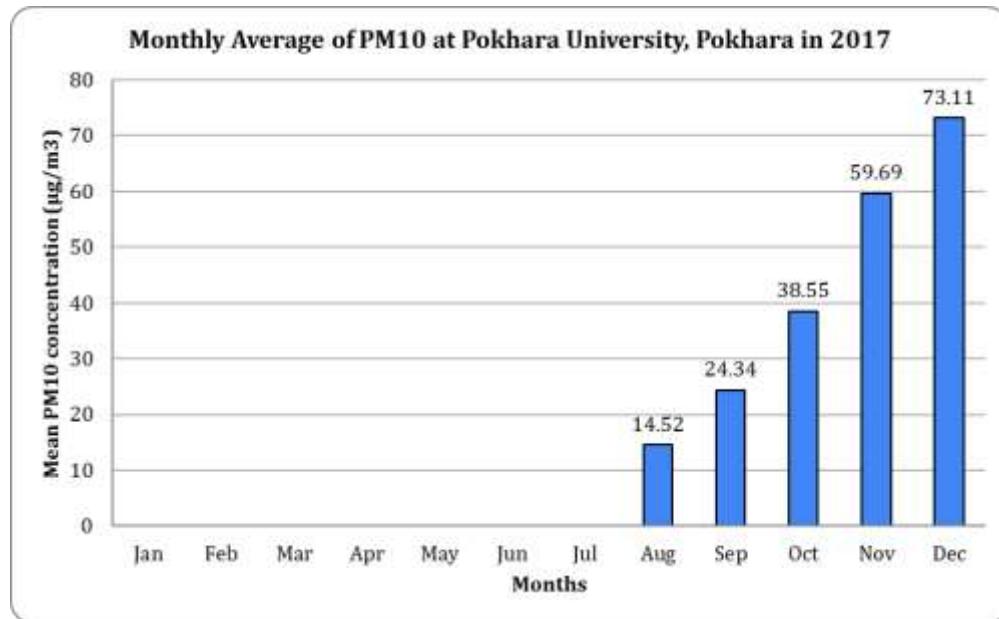


Figure 14: Monthly average of Pm₁₀

Monthly variation of PM₁₀

Variation in concentration of PM₁₀ was found more during December and low during August.

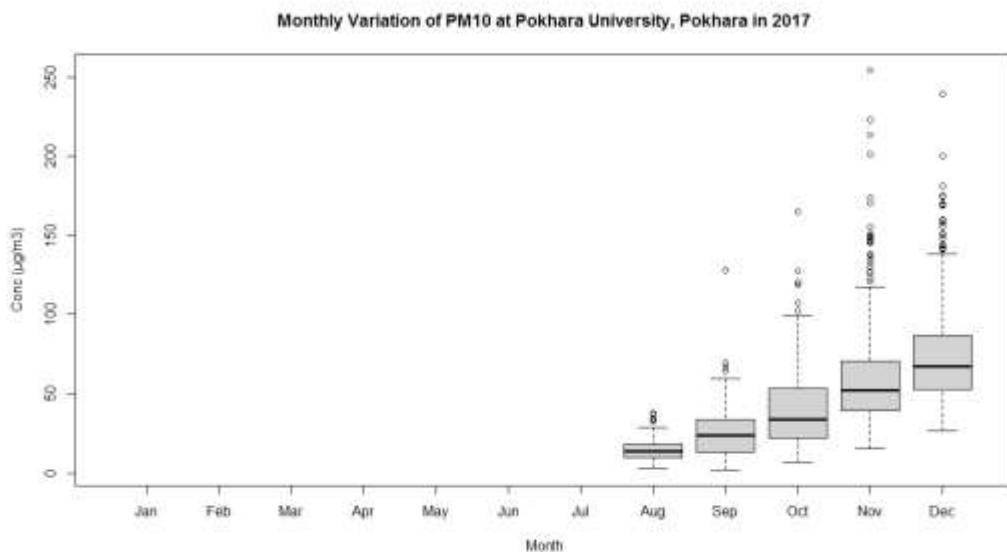


Figure 15: Monthly Variation of PM₁₀

Diurnal variation of average PM₁₀ concentration

The diurnal variation of average PM₁₀ concentrations can be shown in the figure below. The variation in PM₁₀ concentration was high at around 5 pm and low at 1 pm.

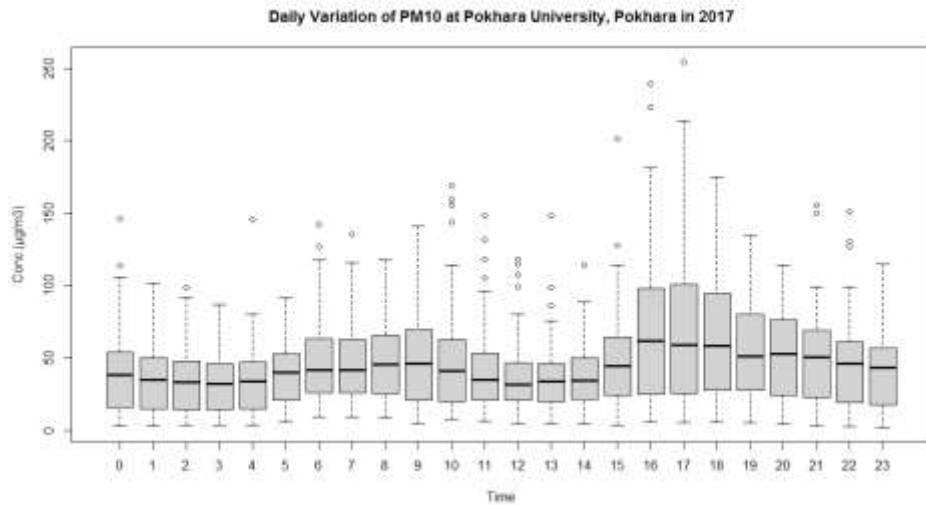


Figure 16: Diurnal variation of PM₁₀ concentration

Compliance status of PM₁₀

The total days of PM₁₀ monitored in the year 2017 counts 138 of which none of the days exceed the NAAQS guideline.

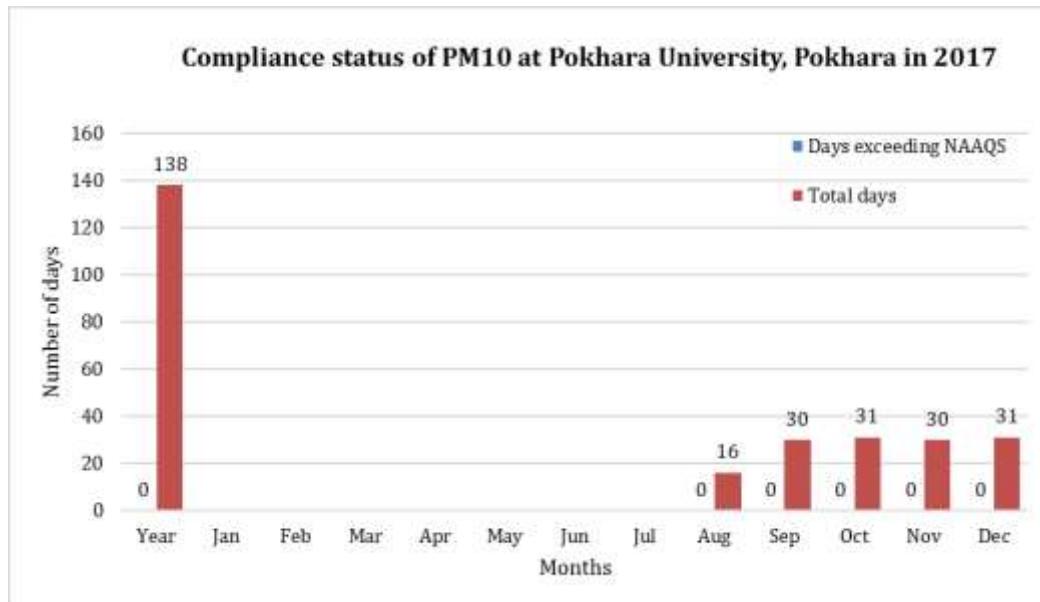


Figure 17: Compliance status of PM₁₀

2.1.4. Temporal variation of TSP

Annual average of TSP

Histogram of hourly average TSP is shown in the figure below.

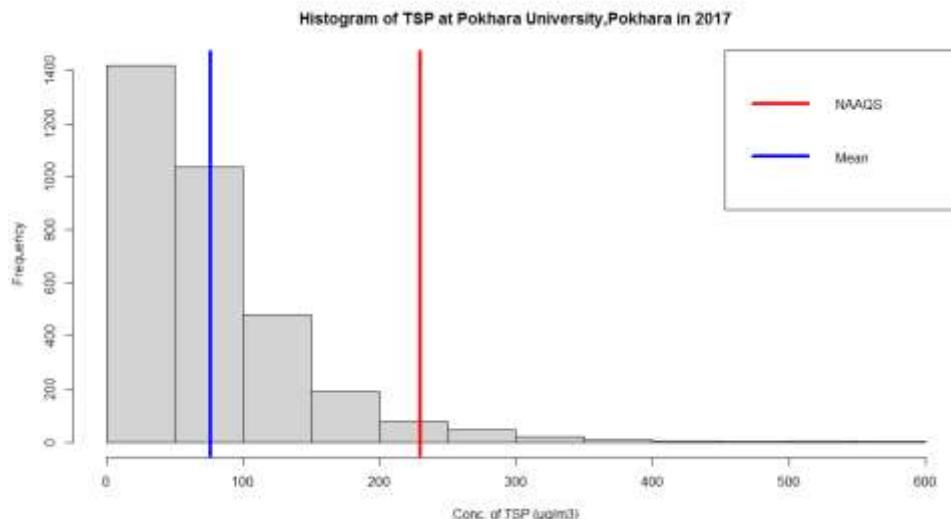


Figure 18 : Histogram for the ambient concentration of TSP

Daily average of TSP

Daily average concentration of TSP was high during December and was found low during August.

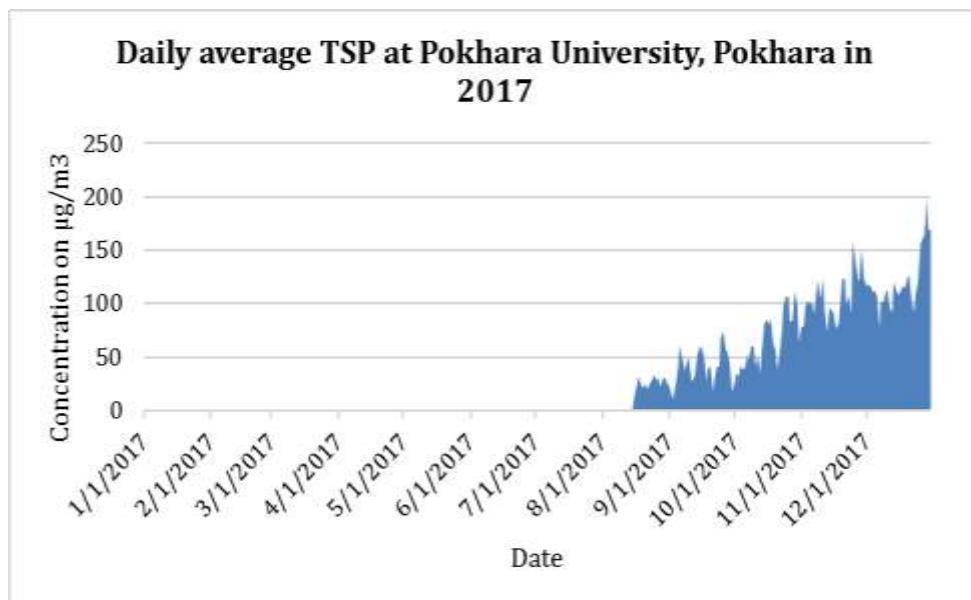


Figure 19: Daily average of TSP

Monthly average of TSP

The highest and the lowest concentration of TSP was found during December and August respectively. The mean value for those months were found to be 120.99 and 26.01 $\mu\text{g}/\text{m}^3$ respectively.

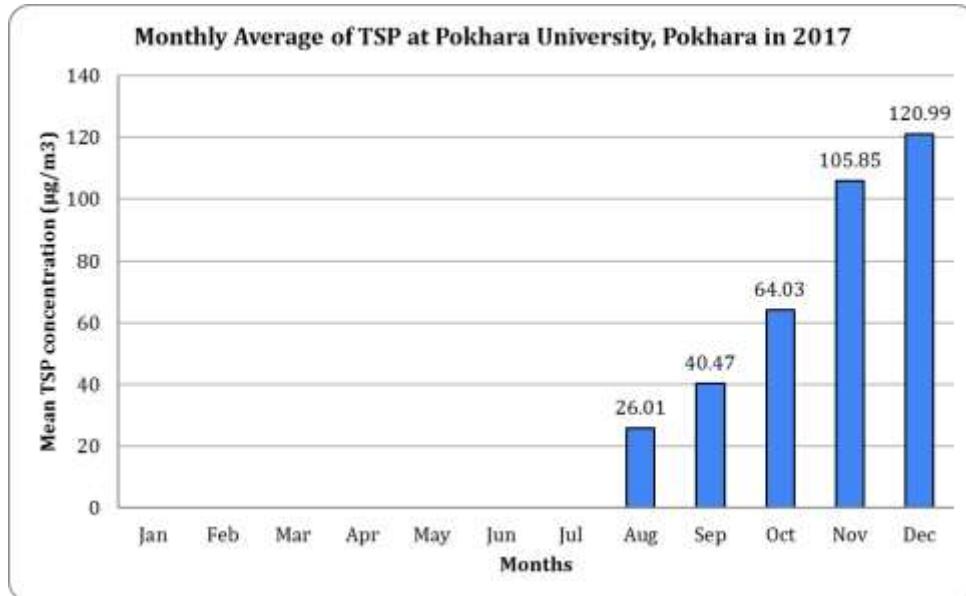


Figure 20: Monthly Average of TSP

Monthly Variation of TSP

Variation in concentration of TSP was found more during December and low during August.

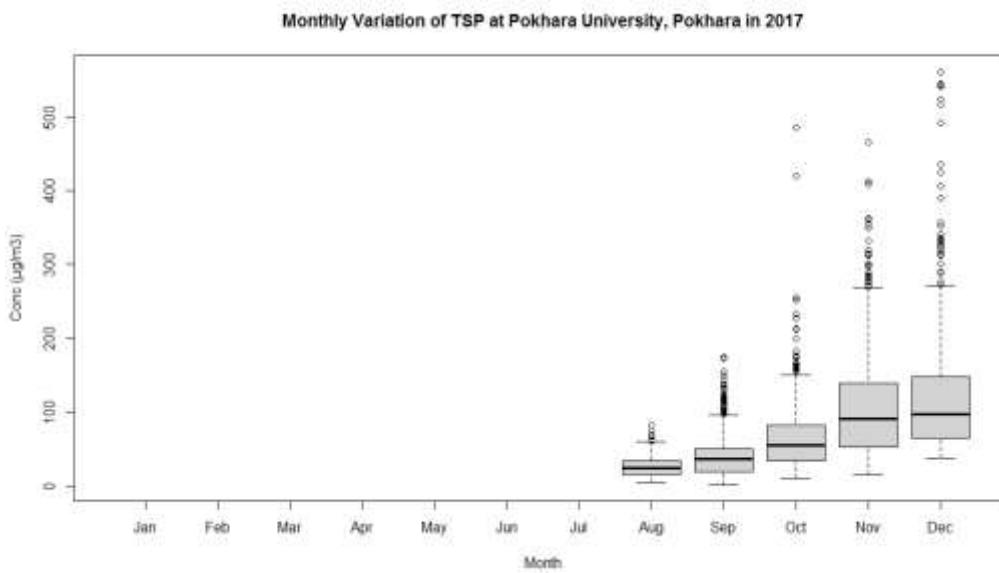


Figure 21: Monthly Variation of TSP.

Diurnal variation pf average TSP

The diurnal variation of average TSP concentrations can be shown in the figure below. The variation in TSP concentration was high at around 4 pm and low at 2-3 am.

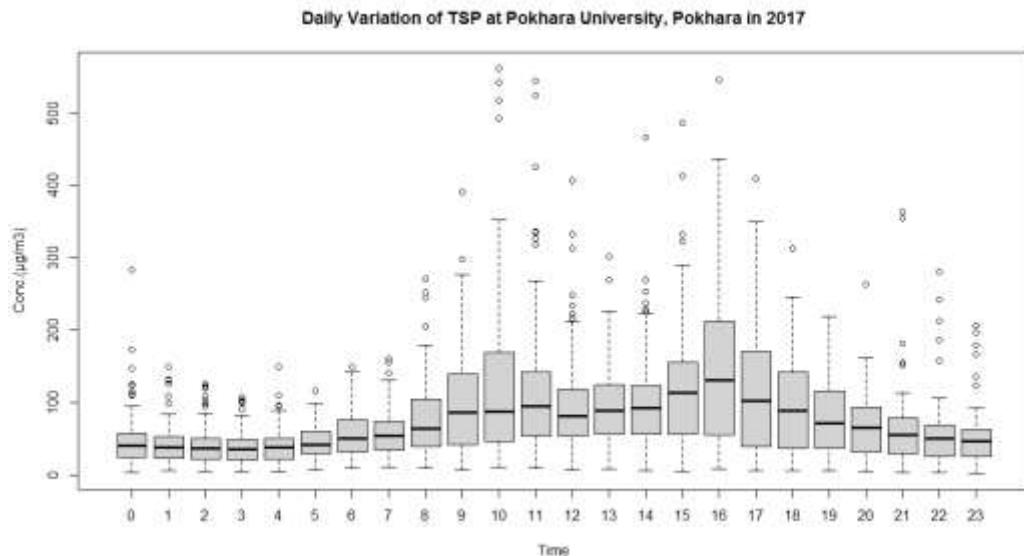


Figure 22: Diurnal Variation of TSP

Compliance status of TSP

The total days of TSP monitored in the year 2017 counts 138 of which none of the days exceed the NAAQS guideline.

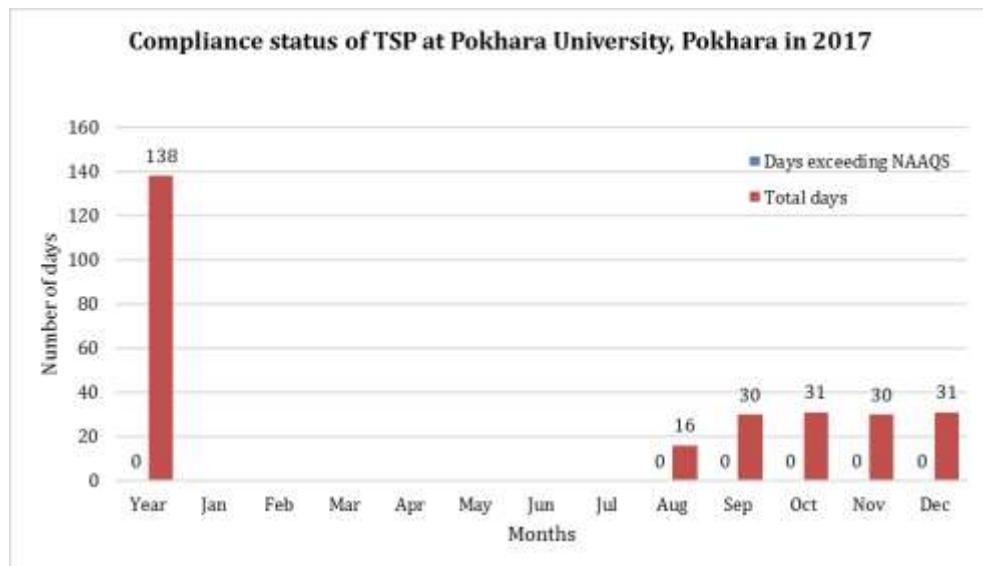


Figure 23: Compliance status of TSP

2.2. Air quality status of 2018

2.2.1. Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP

The annual average of PM₁, PM_{2.5}, PM₁₀ and TSP of the PU Pokhara monitoring station was calculated as shown in figure below.

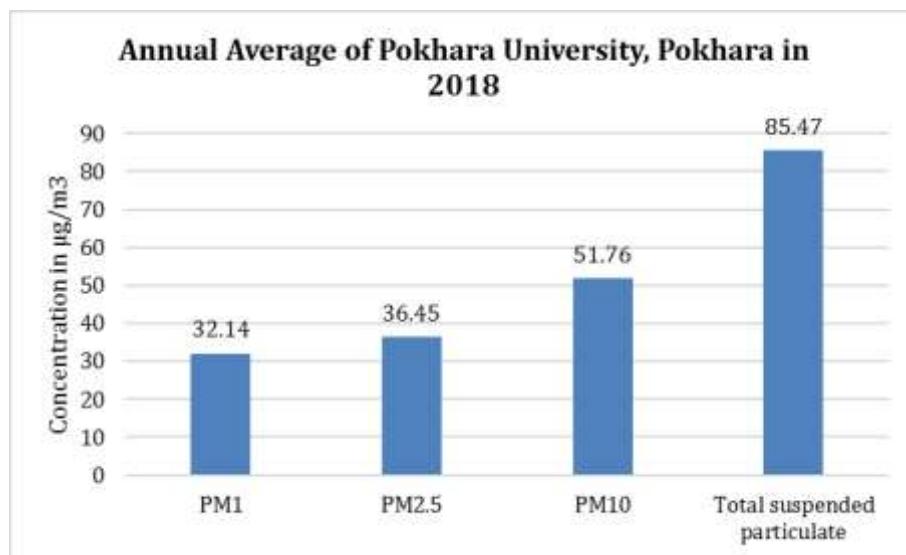


Figure 24: Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP in 2018

2.2.2. Temporal variation of PM₁

Annual average of PM₁

The annual average of PM₁ at PU Pokhara station was found to be $57.97 \mu\text{g}/\text{m}^3$. Histogram of hourly average PM₁ is shown in the figure below.

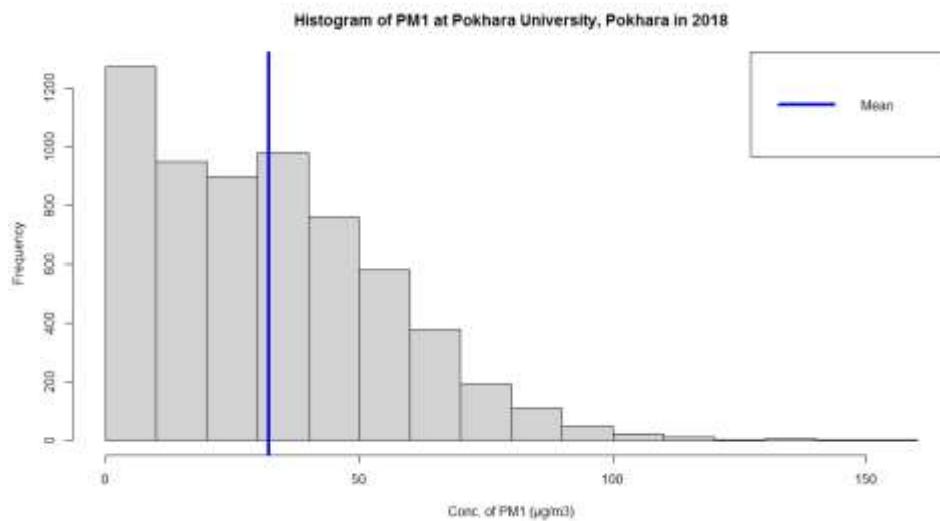


Figure 25 : Histogram of PM₁.

Daily average of PM₁

Daily average concentration of PM₁ was high during March and was found low August.

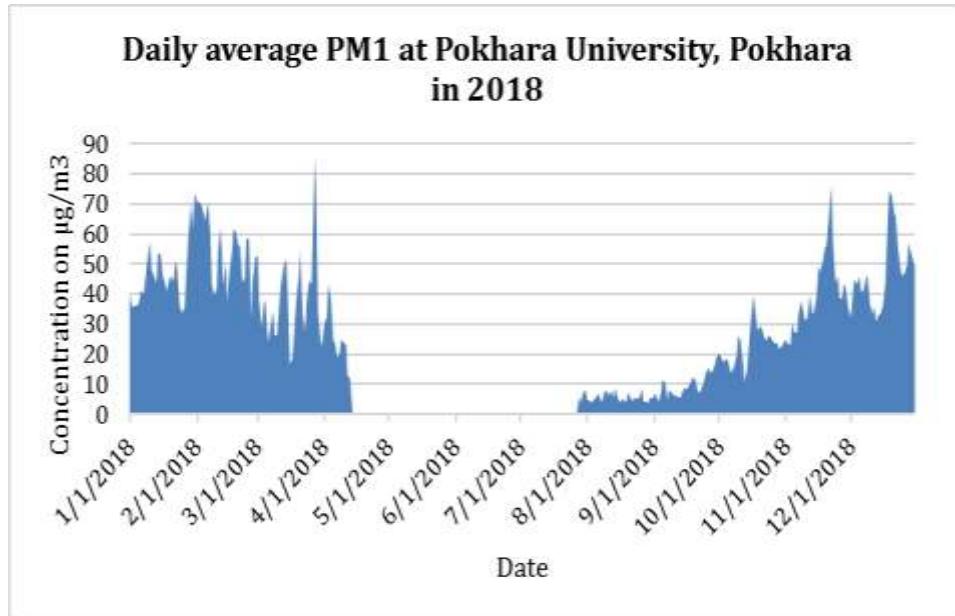


Figure 26: Daily average of PM₁

Monthly average of PM₁

The highest and the lowest concentration of PM₁ was found during February and August respectively. The mean value for those months were found to be 54.22 and 5.59 $\mu\text{g}/\text{m}^3$ respectively.

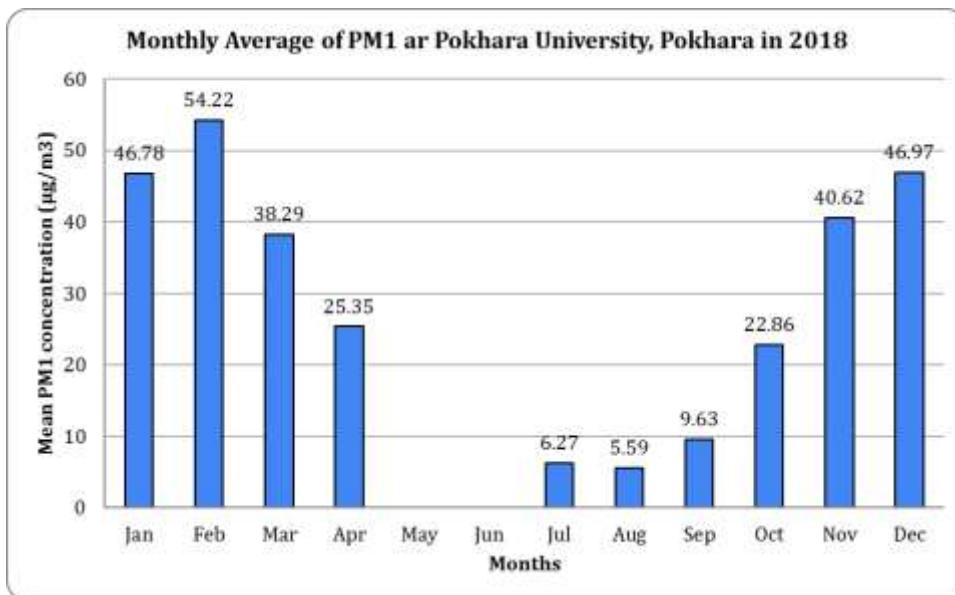


Figure 27: Monthly Average of PM₁

Monthly Variation of PM₁

Variation in concentration of PM₁ can be shown in figure below.

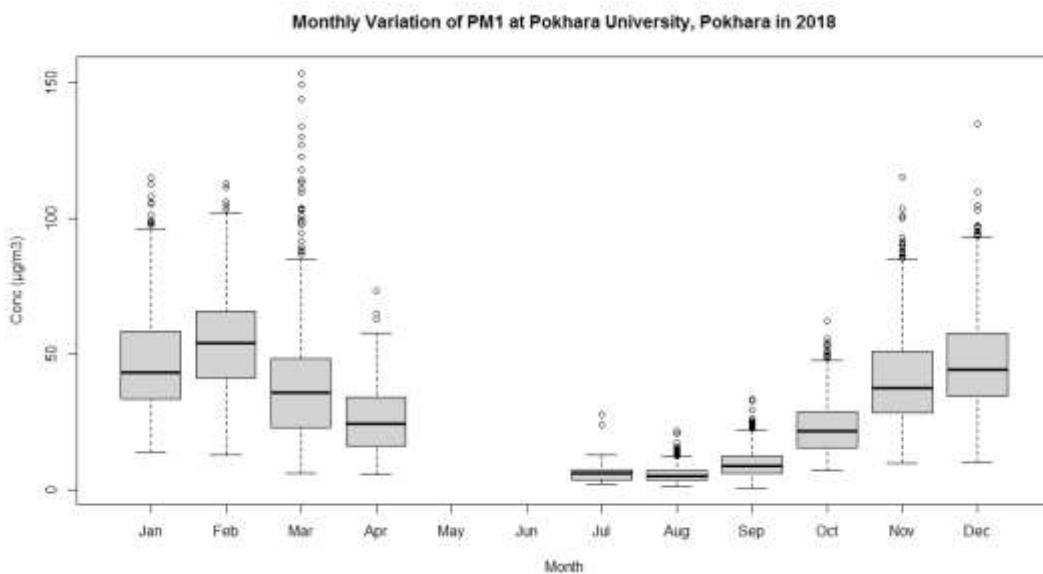


Figure 28: Monthly Variation of PM₁

Seasonal variation of average PM₁

Ambient concentration of average PM₁ during winter and post monsoon can be shown in the figure below. The concentration of PM₁ was found higher during winter ($47.32 \mu\text{g}/\text{m}^3$) than winter season ($24.37 \mu\text{g}/\text{m}^3$).

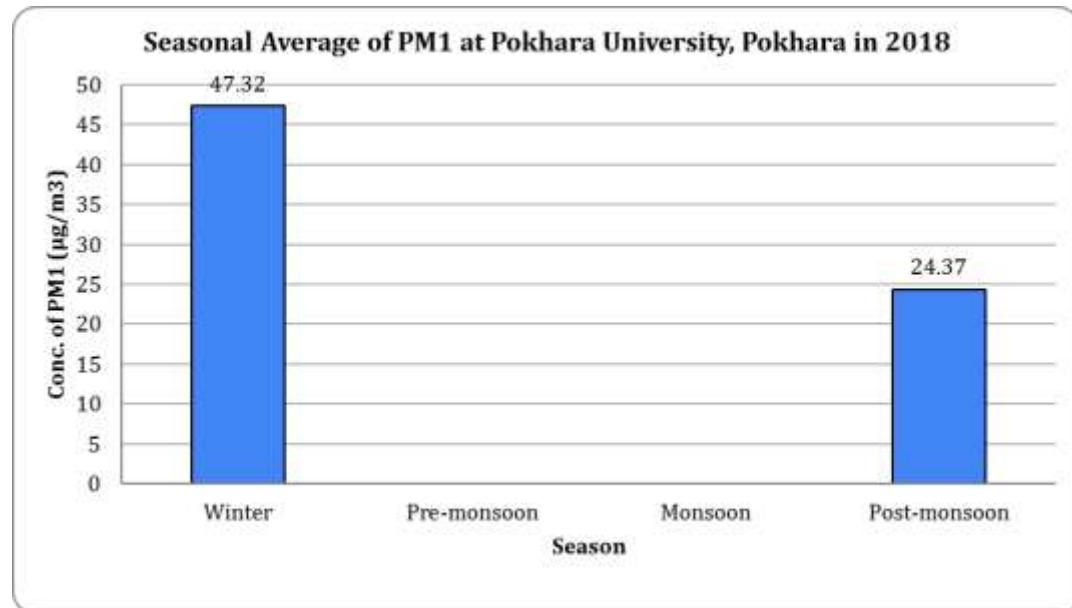


Figure 29: Seasonal variation of PM₁

Diurnal variation of average PM₁ concentration

The diurnal variation of average PM₁ concentrations can be shown in the figure below which was almost similar throughout the day.

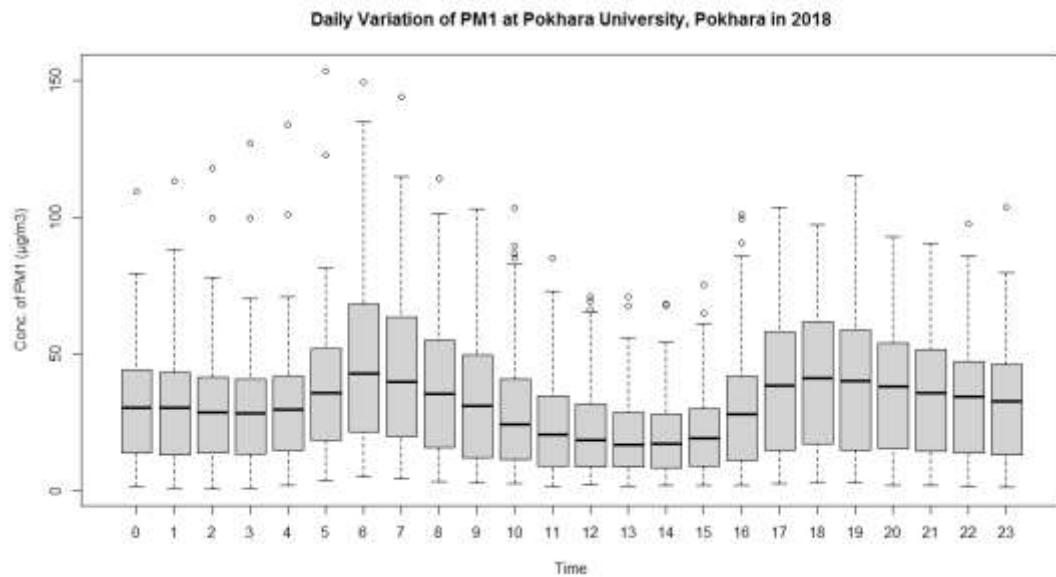


Figure 30: Diurnal variation of PM₁

2.2.3. Temporal variation of PM_{2.5}

Annual average of PM_{2.5}

The annual average of PM_{2.5} at PU Pokhara station was found to be 36.45 $\mu\text{g}/\text{m}^3$. Histogram of hourly average PM_{2.5} is shown in the figure below.

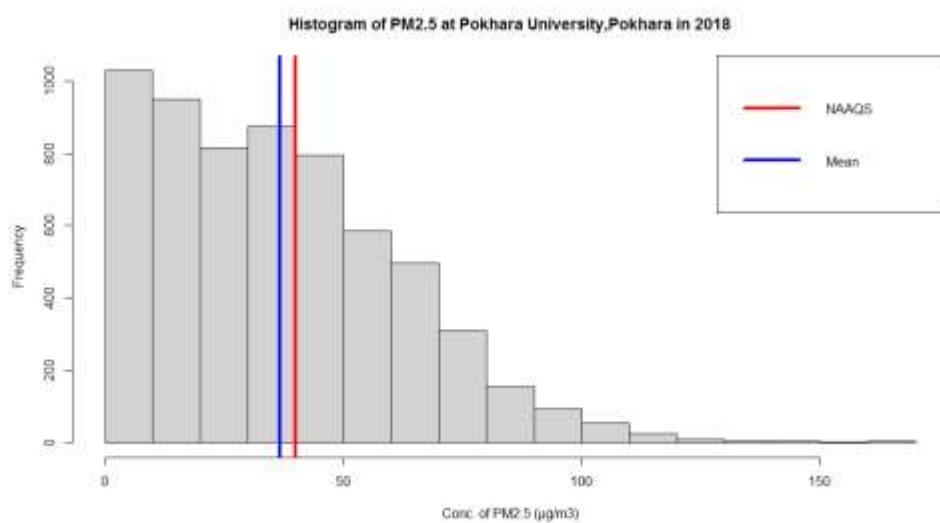


Figure 31 : Histogram of PM_{2.5}

Daily average of PM_{2.5}

Daily average concentration of PM_{2.5} was high during March and was found low August.

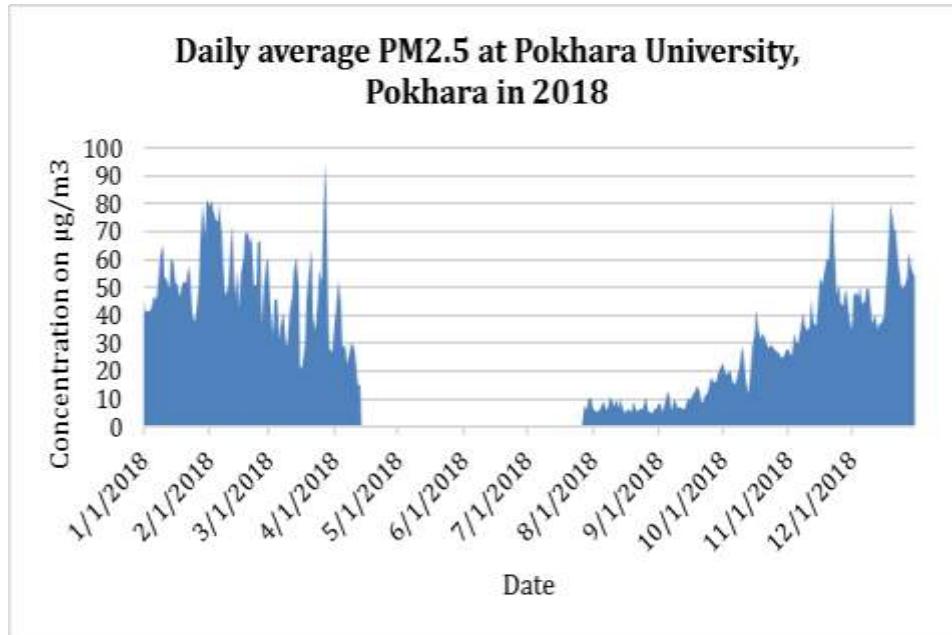


Figure 32: Daily average of PM_{2.5}

Monthly average of PM_{2.5}

The highest and the lowest concentration of PM_{2.5} was found during February and August respectively. The mean value for those months were found to be 62.25 and 7.01 $\mu\text{g}/\text{m}^3$ respectively.

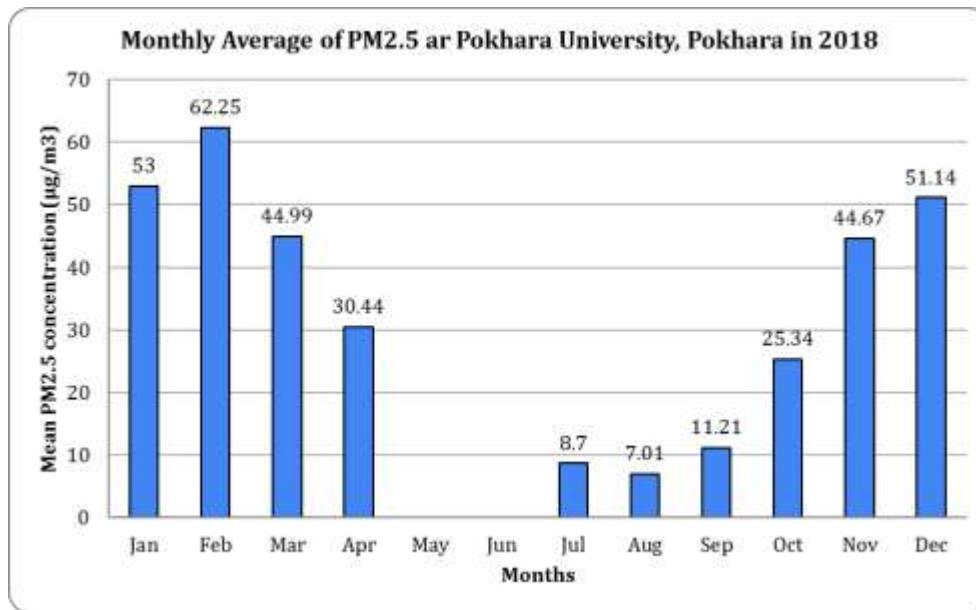


Figure 33: Monthly Average of PM_{2.5}

Monthly Variation of PM_{2.5}

Variation in concentration of PM_{2.5} was found more during March and April whereas low during August.

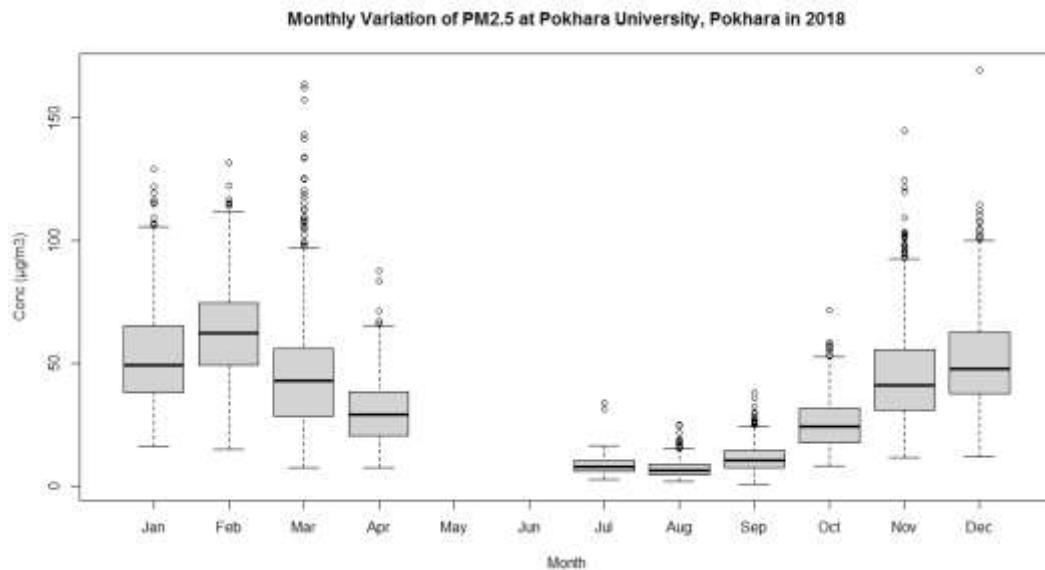


Figure 34: Monthly Variation of PM_{2.5}

Seasonal variation of average PM_{2.5} concentration

Ambient concentration of average PM_{2.5} during winter and post monsoon can be shown in the figure below. The concentration of PM₁ was found higher during winter ($54.07 \mu\text{g}/\text{m}^3$) than post-monsoon season ($27.08 \mu\text{g}/\text{m}^3$).

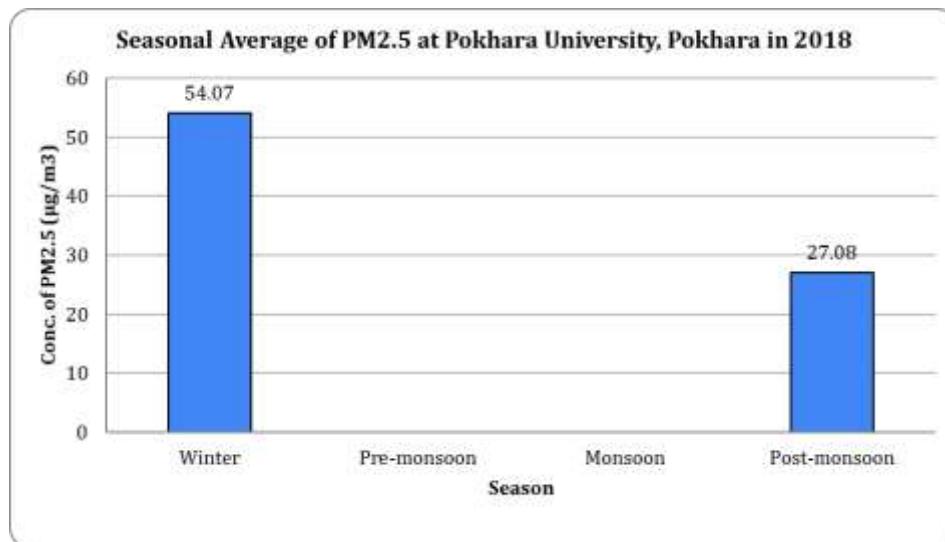


Figure 35: Seasonal variation of PM_{2.5}

Diurnal variation of average PM_{2.5} concentration

The diurnal variation of average PM_{2.5} concentrations was high at 7pm and low at 2 pm.

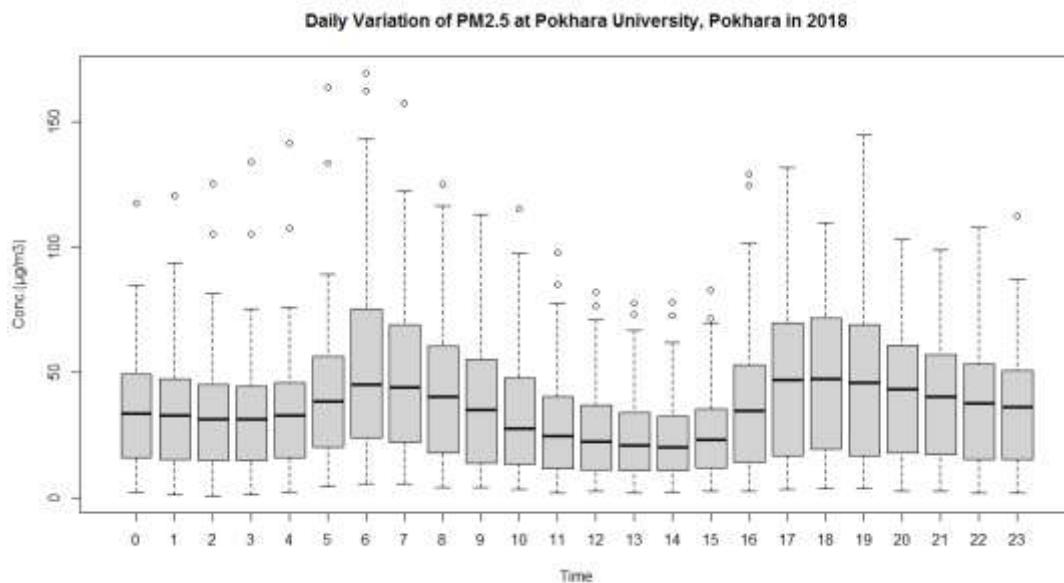


Figure 36: Diurnal variation of PM_{2.5}

Compliance status of PM_{2.5}

The total days of PM_{2.5} monitored in the year 2018 counts 260, of which 121 days exceed the NAAQS guideline.

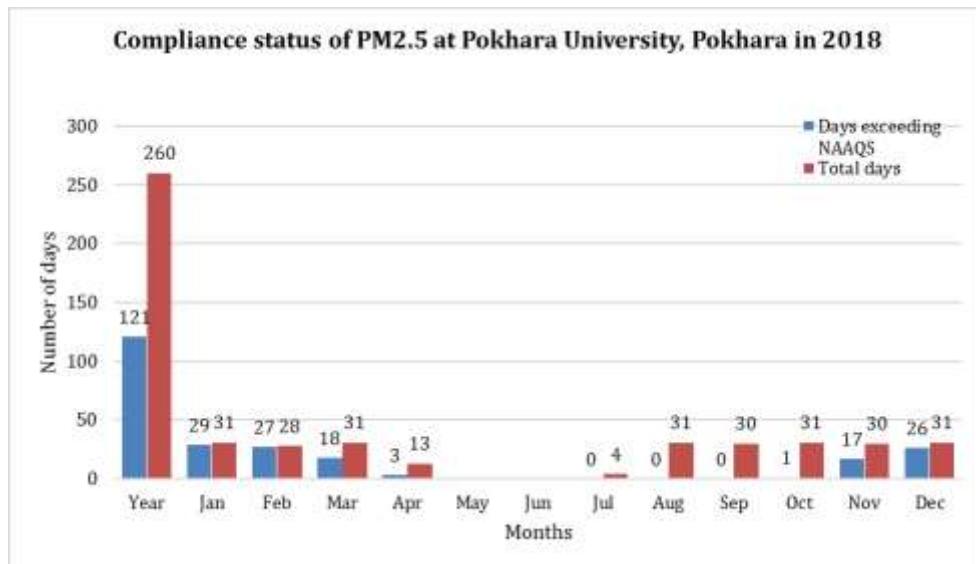


Figure 37: Compliance status of PM_{2.5}

2.2.4. Temporal variation of PM₁₀

Annual average of PM₁₀

The annual average of PM₁₀ at PU Pokhara station was found to be 51.76 µg/m³. Histogram of hourly average PM₁₀ is shown in the figure below.

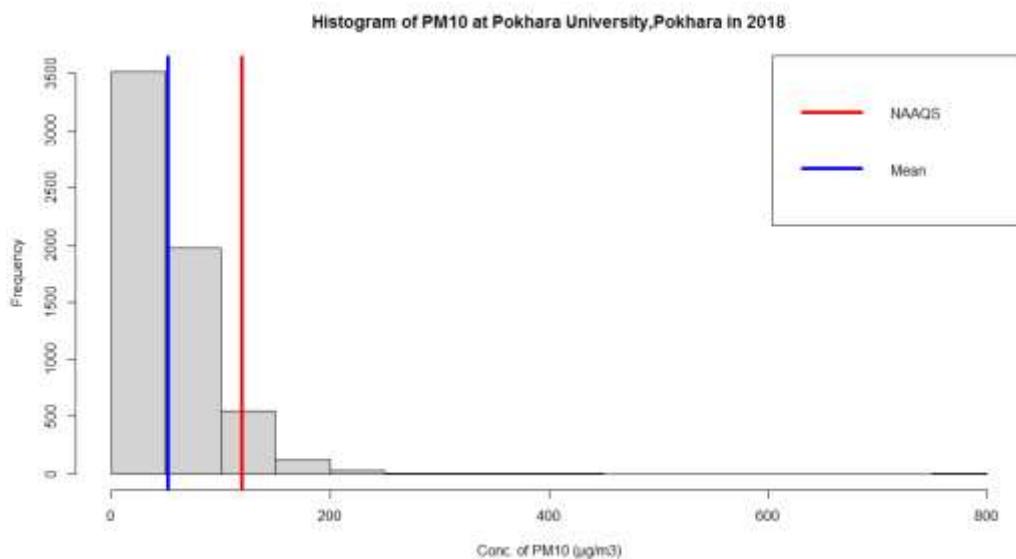


Figure 38 : Histogram of PM₁₀.

Daily average of PM₁₀:

Daily average concentration of PM₁₀ was high during March and was found low August.

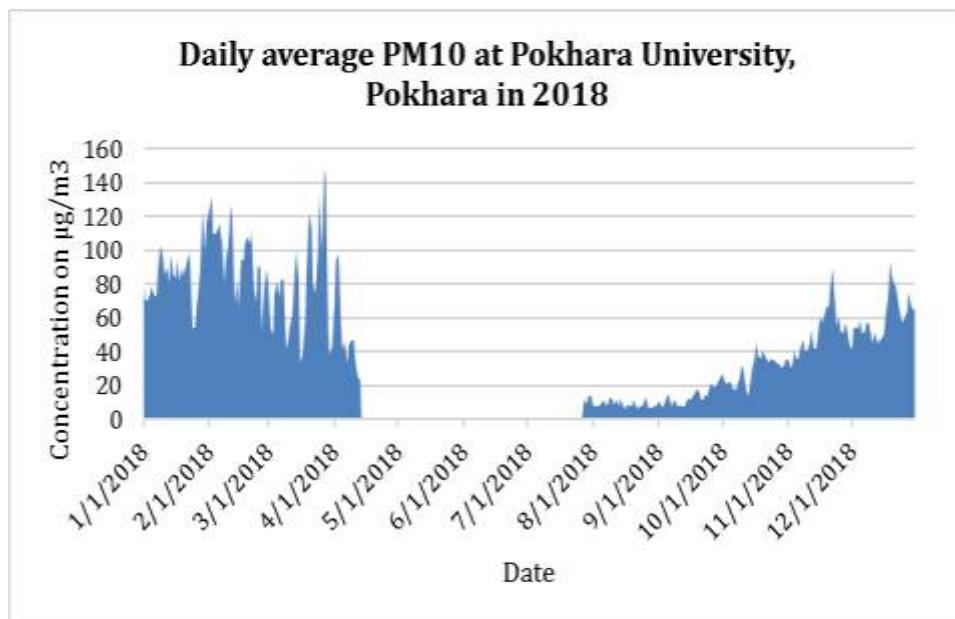


Figure 39: Daily average of PM₁₀

Monthly average of PM₁₀

The highest and the lowest concentration of PM₁₀ was found during February and August respectively. The mean value for those months were found to be 96.9 and 8.87 $\mu\text{g}/\text{m}^3$ respectively.

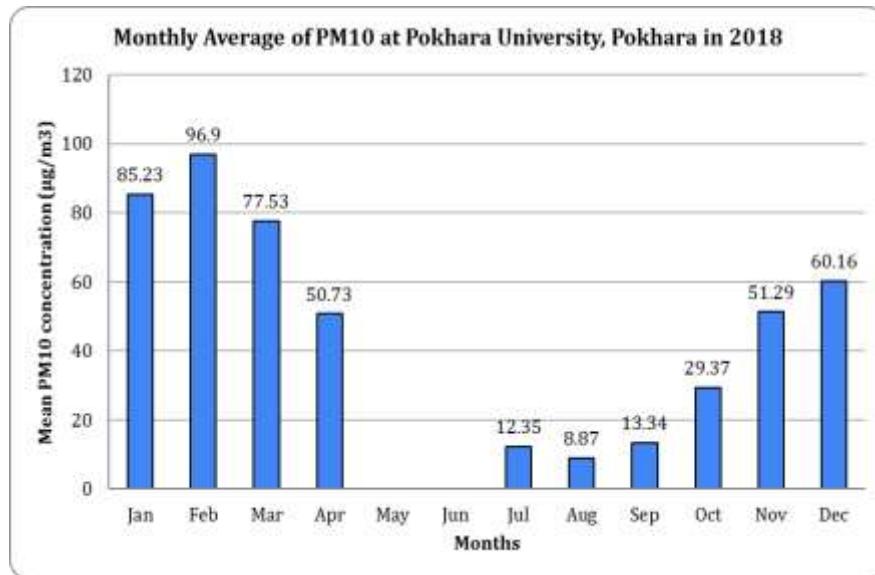


Figure 40: Monthly average of PM₁₀

Monthly Variation of PM₁₀

Variation in concentration of PM₁₀ was found almost similar throughout the year.

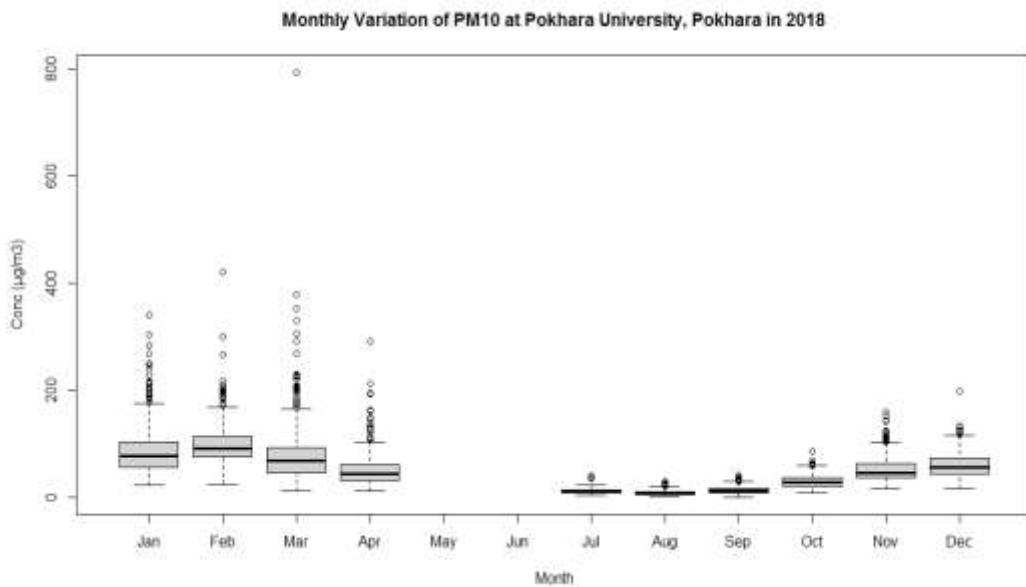


Figure 41: Monthly Variation of PM₁₀

Seasonal variation of average PM₁₀ concentration:

Ambient concentration of average PM₁₀ during winter and post monsoon can be shown in the figure below. The concentration of PM₁₀ was found higher during winter (85.08 µg/m³) than monsoon season (31.33 µg/m³).

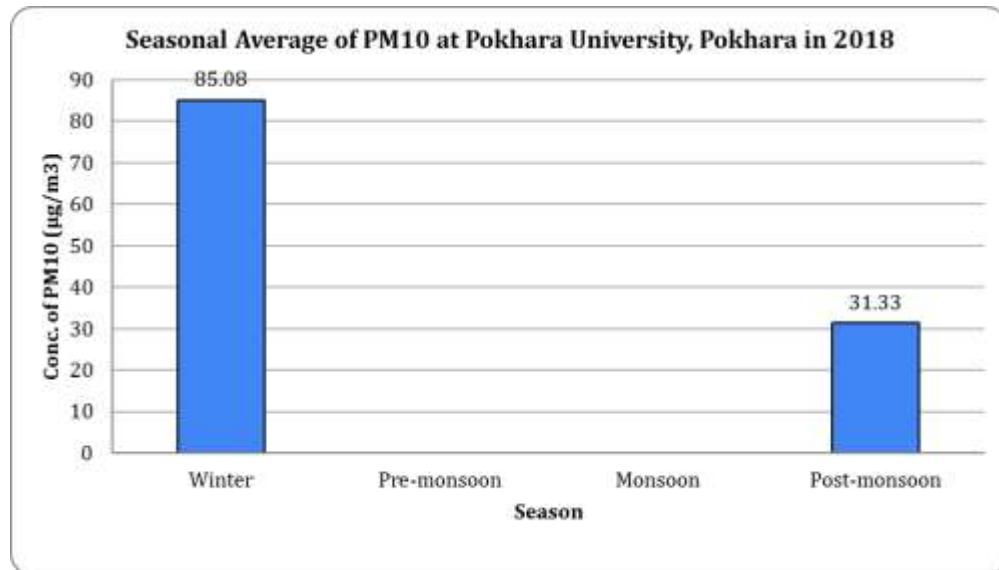


Figure 42: Seasonal variation of PM₁₀.

Diurnal variation of average PM₁₀ concentration

The diurnal variation of average PM₁₀ concentrations can be shown in the figure below which was almost similar throughout the day.

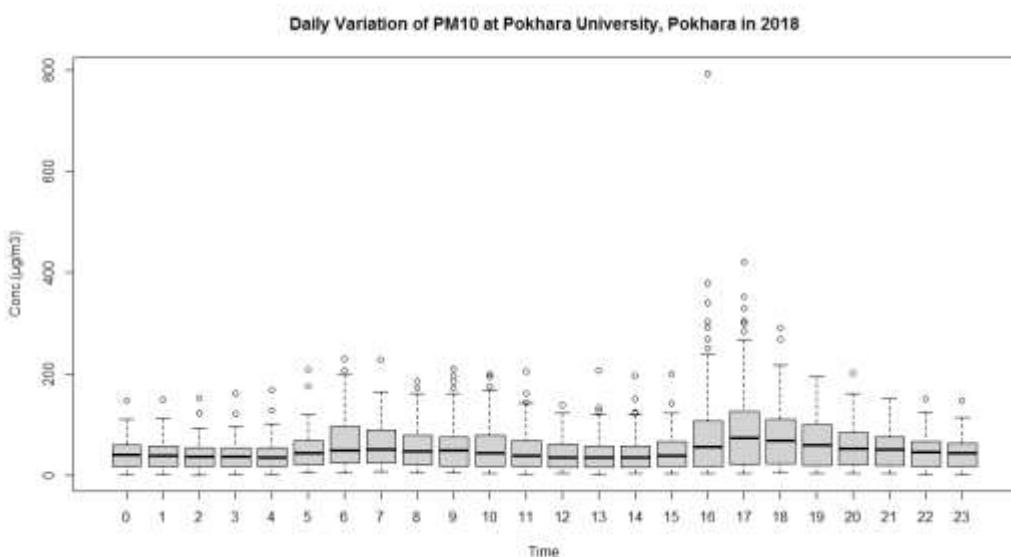


Figure 43: Diurnal variation of PM₁₀ concentration

Compliance status of PM₁₀

The total days of PM₁₀ monitored in the year 2018 counts 260, of which 9 days exceed the NAAQS guideline.

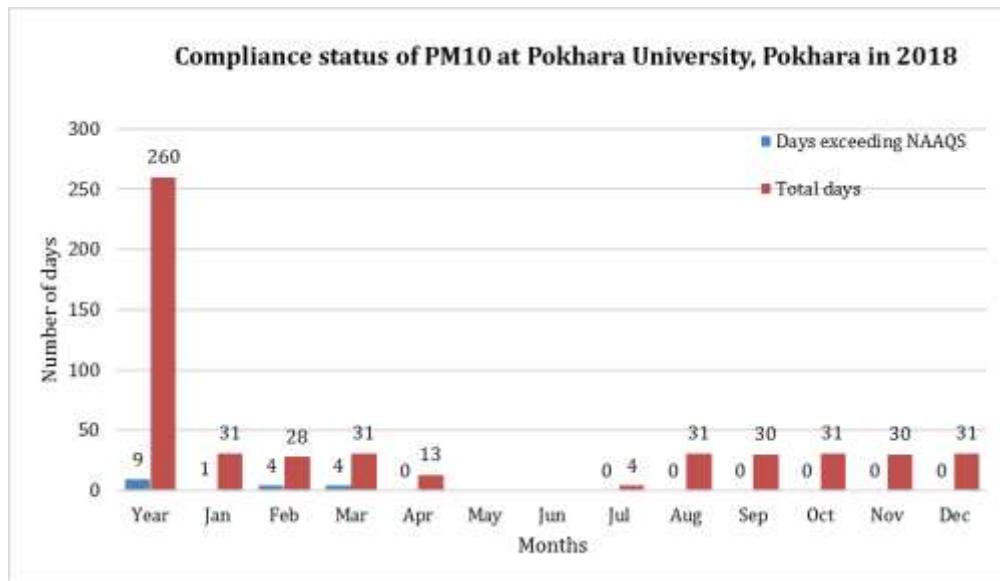


Figure 44: Compliance status of PM₁₀

2.2.5. Temporal variation of TSP

Annual average of TSP

The annual average of TSP at PU Pokhara station was found to be 85.47 $\mu\text{g}/\text{m}^3$. Histogram of hourly average TSP is shown in the figure below.

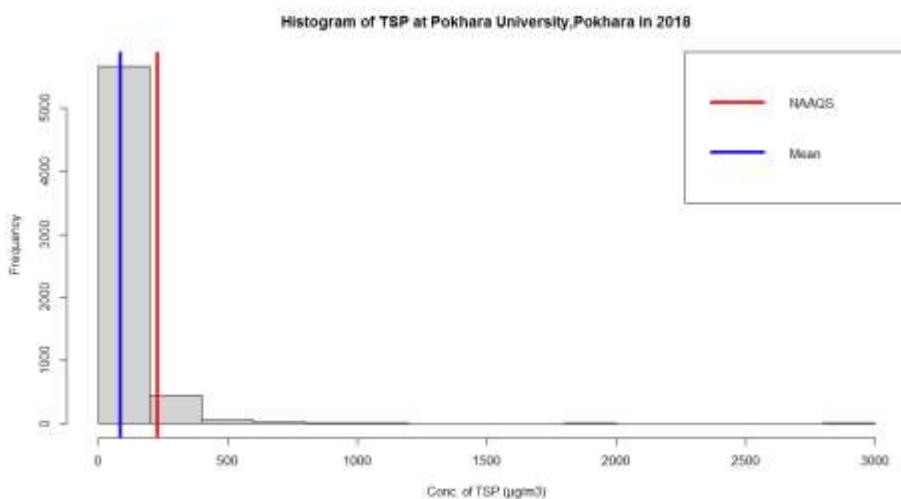


Figure 45 : Histogram of TSP

Daily average of TSP:

Daily average concentration of TSP was high during March and was found low August.

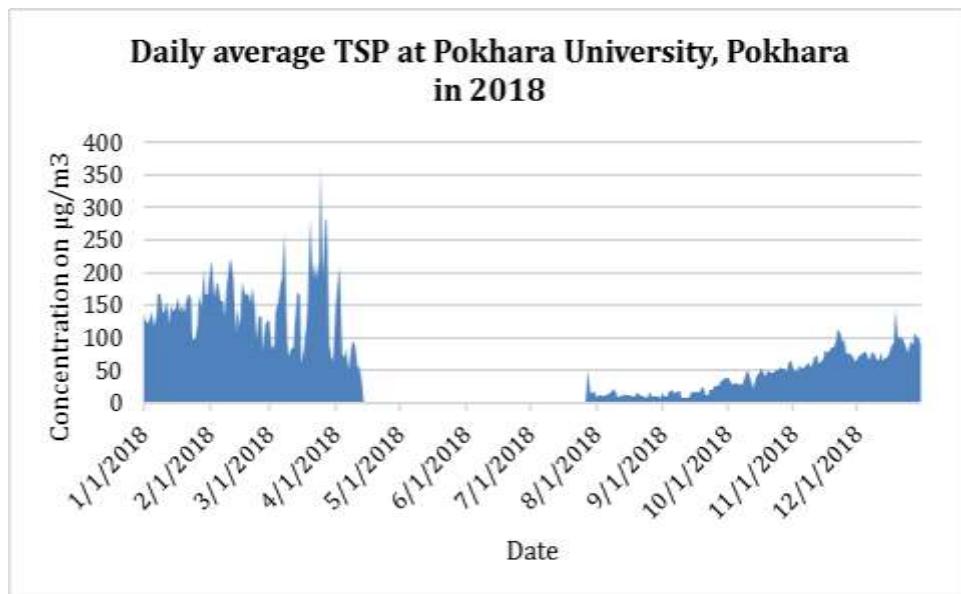


Figure 46: Daily average of TSP

Monthly average of TSP

The highest and the lowest concentration of TSP was found during February and August respectively. The mean value for those months were found to be 158.46 and $12.24 \mu\text{g}/\text{m}^3$ respectively.

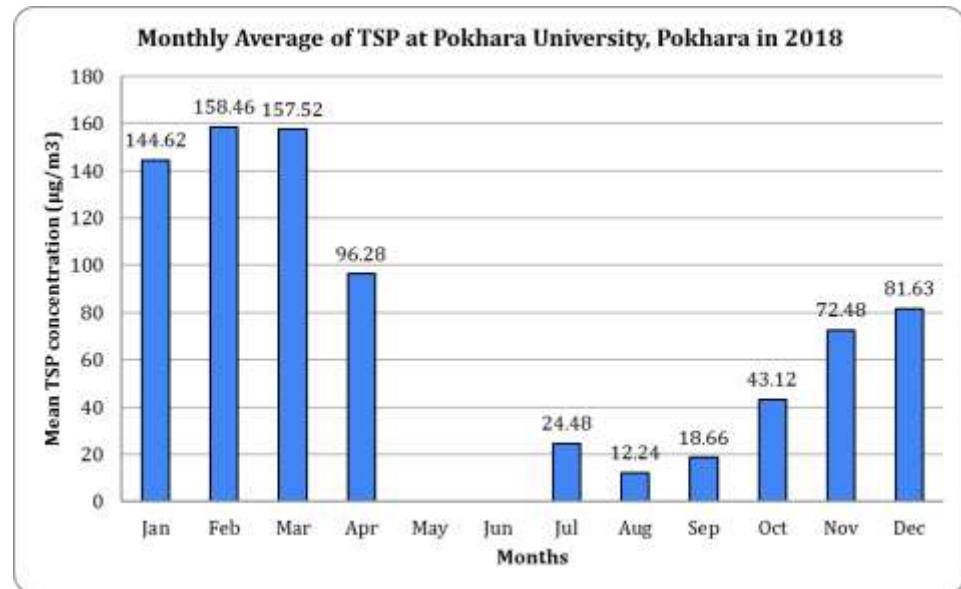


Figure 47: Monthly Average of TSP

Monthly Variation of TSP

Variation in concentration of TSP was found similar throughout the year.

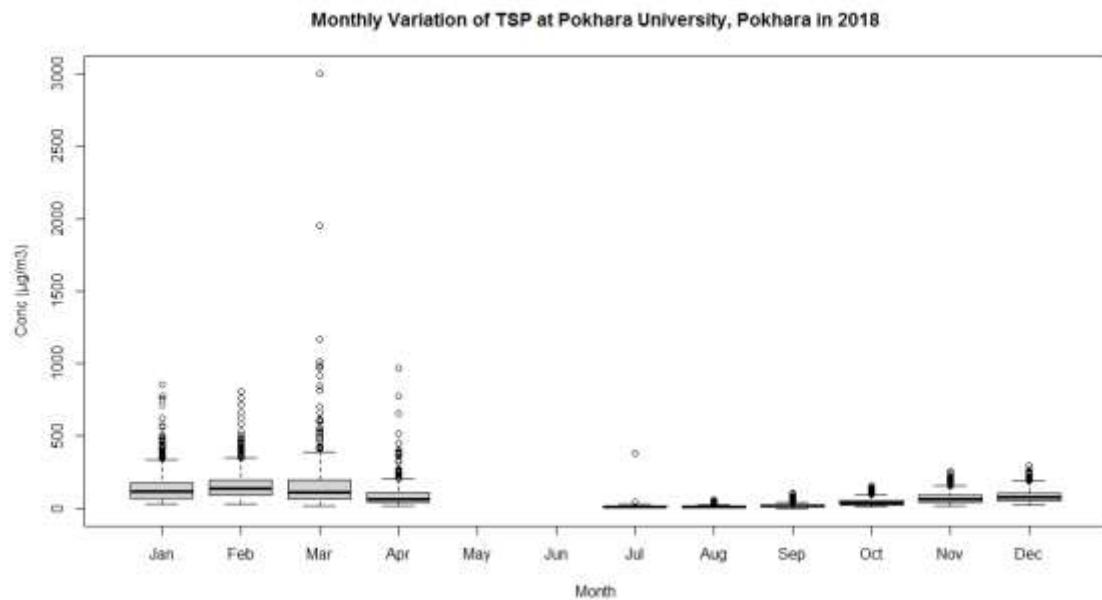


Figure 48: Monthly Variation of TSP.

Seasonal variation of average TSP concentration

Ambient concentration of average TSP during winter and post monsoon can be shown in the figure below. The concentration of TSP was found higher during winter ($141.36 \mu\text{g}/\text{m}^3$) than monsoon season ($44.76 \mu\text{g}/\text{m}^3$).

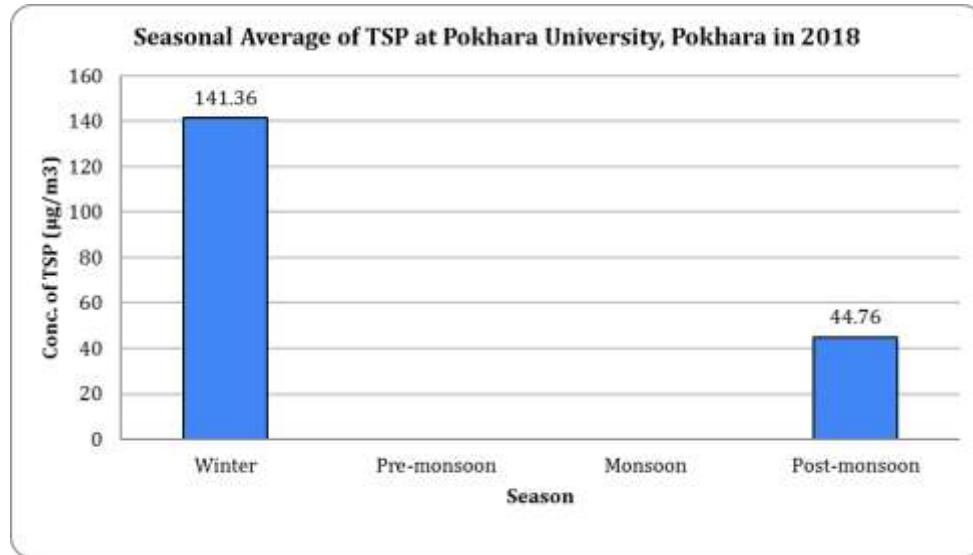


Figure 49: Seasonal variation of TSP

Diurnal variation of average TSP concentration

The diurnal variation of average TSP concentrations can be shown in the figure below which was almost similar throughout the day.

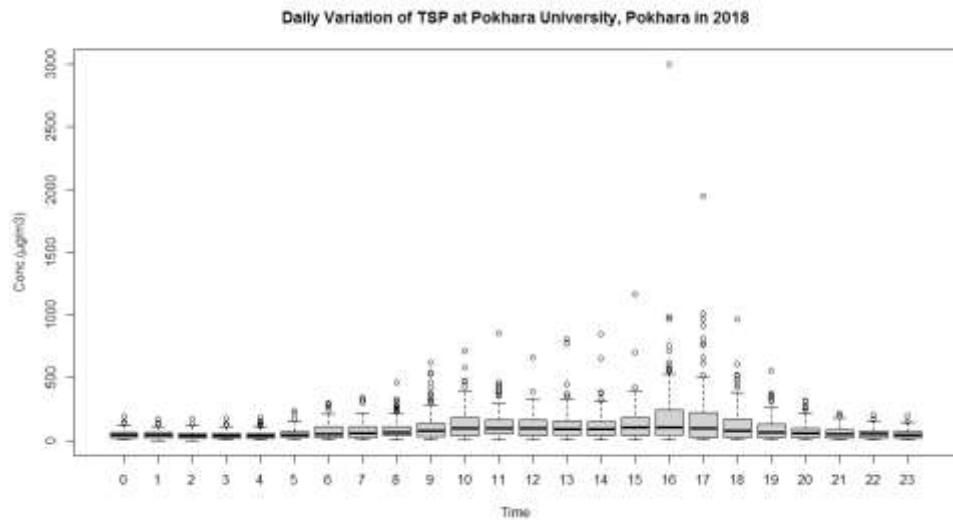


Figure 50: Diurnal Variation of TSP

Compliance status of TSP

The total days of TSP monitored in the year 2018 counts 260, of which 5 days exceed the NAAQS guideline as shown in figure below.

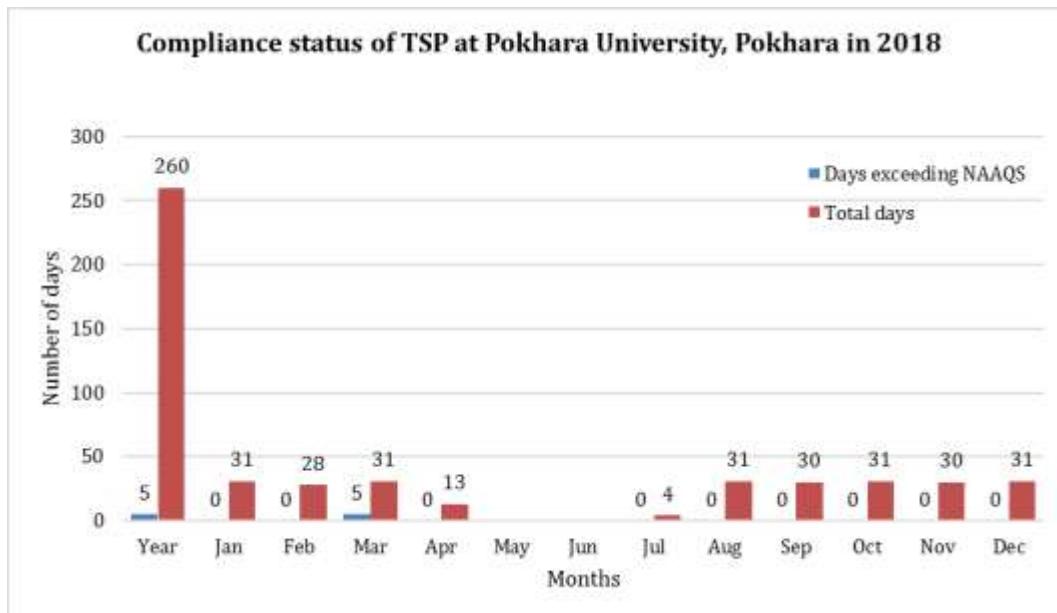


Figure 51: Compliance status of TSP

2.3. Air quality status, 2019

2.3.1. Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP

The annual average of PM₁, PM_{2.5}, PM₁₀ and TSP of the PU Pokhara monitoring station was calculated as shown in figure below.

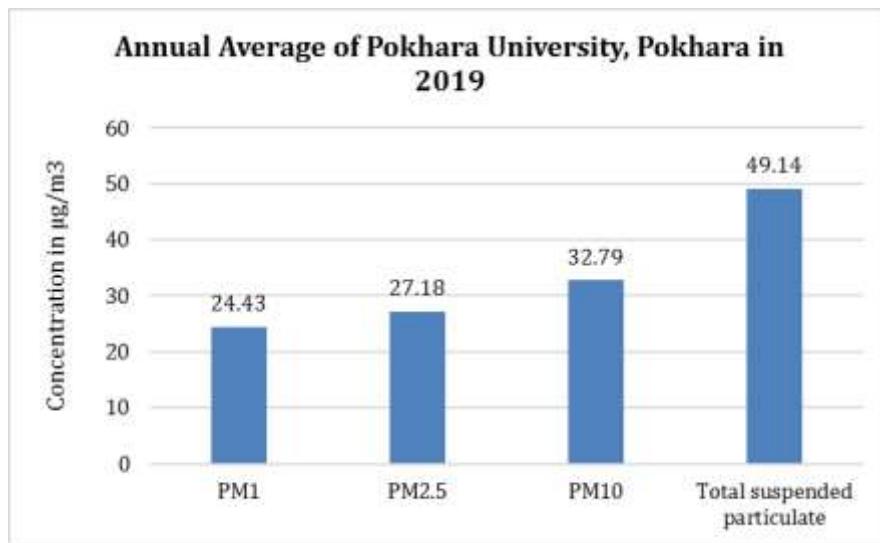


Figure 52: Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP in 2019

2.3.2. Temporal variation of PM₁

Annual average of PM₁

The annual average of PM₁ at PU Pokhara station was found to be 24.43 $\mu\text{g}/\text{m}^3$. Histogram of hourly average PM₁ is shown in the figure below.

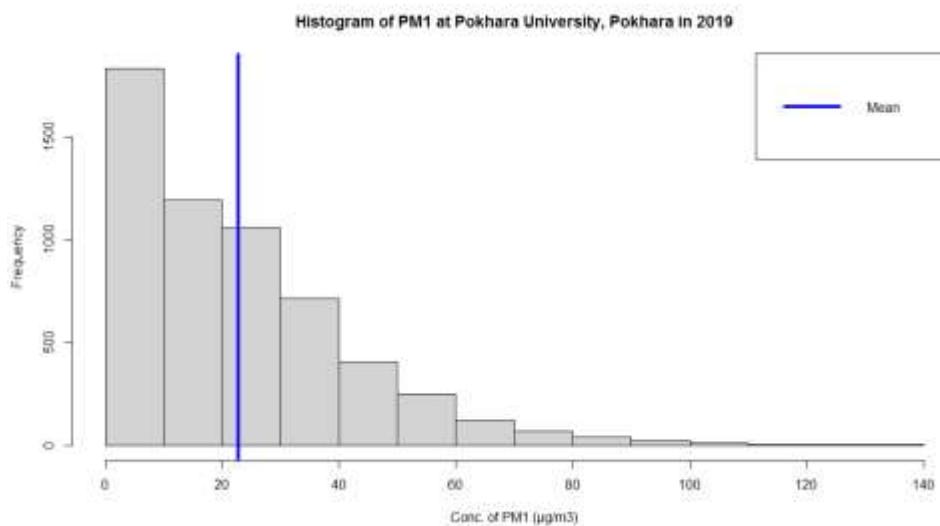


Figure 53 : Histogram of PM₁.

Daily average of PM₁:

Daily average concentration of PM₁ was high during January and was found low during July.

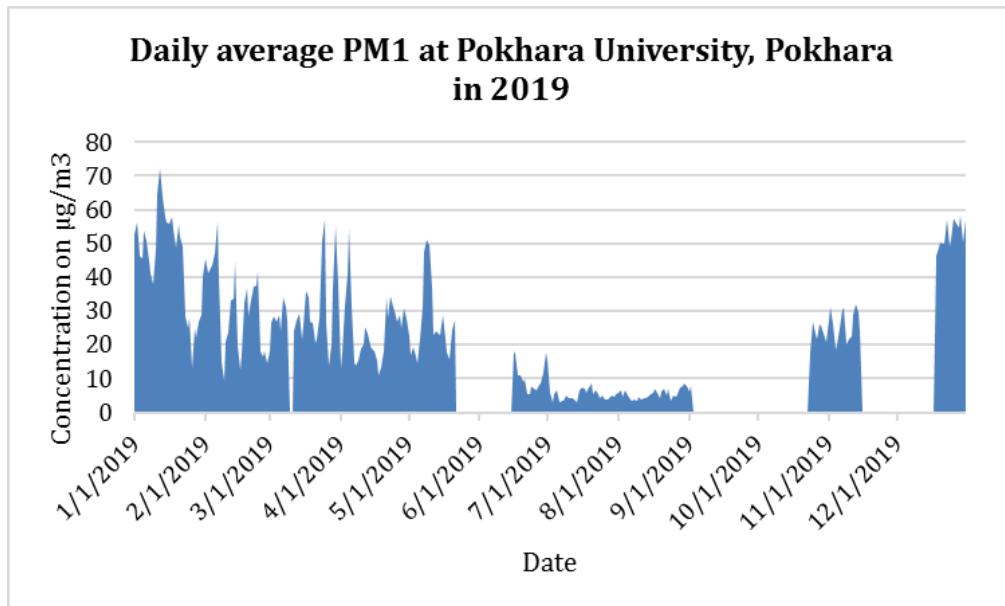


Figure 54: Daily average of PM₁

Monthly average of PM₁

The highest and the lowest concentration of PM₁ was found during December and July respectively. The mean value for those months were found to be 52.47 and 5.37 $\mu\text{g}/\text{m}^3$ respectively.

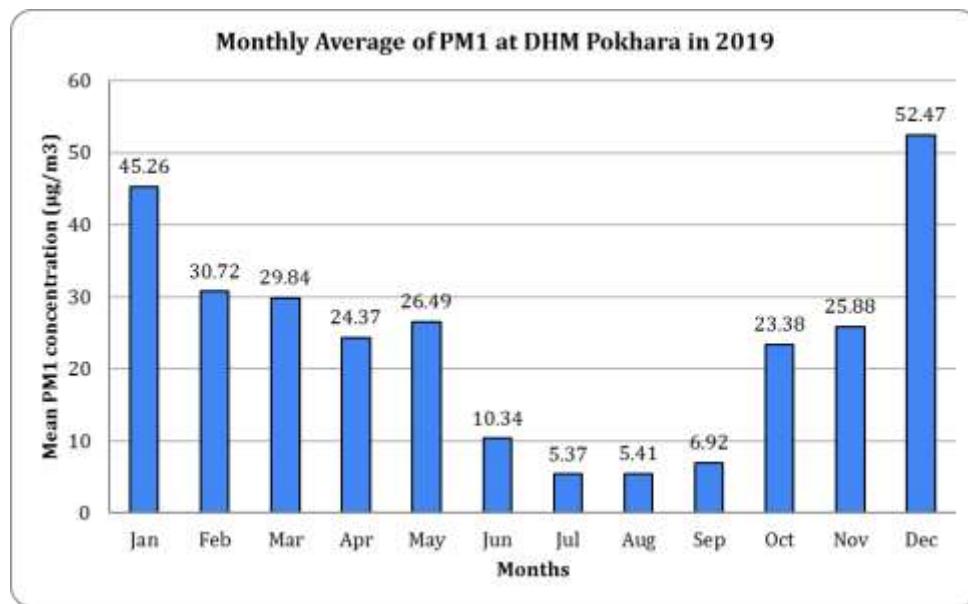


Figure 55: Monthly Average of PM₁

Monthly Variation of PM₁

Variation in concentration of PM₁ was found more during January whereas low during July.

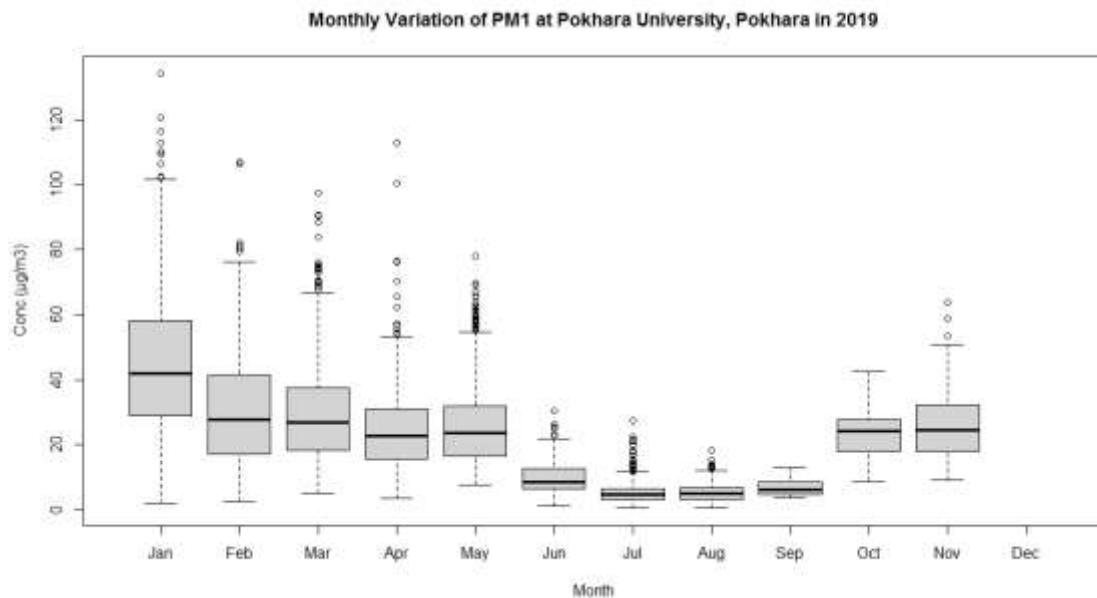


Figure 56: Monthly Variation of PM₁

Seasonal variation of average PM₁

Ambient concentration of average PM₁ during winter, pre- monsoon, monsoon and post monsoon can be shown in the figure below. The concentration of PM₁ was found the highest during winter ($40.98 \mu\text{g}/\text{m}^3$) and lowest during monsoon season ($7.04 \mu\text{g}/\text{m}^3$). Error! Reference source not found.

Figure 57: Seasonal variation of PM₁

Diurnal variation of average PM₁ concentration

The diurnal variation of average PM₁ concentrations can be shown in the figure below. The variation in PM₁ concentration was high at around 6 am and low at 12 to 2 pm.

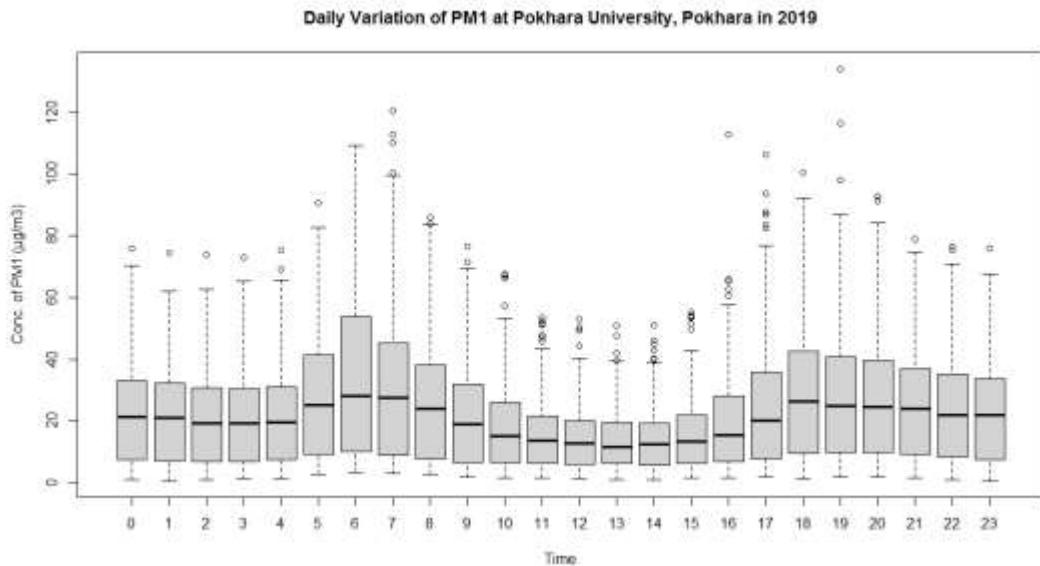


Figure 58: Diurnal variation of PM₁

2.3.3. Temporal variation of PM_{2.5}

Annual average of PM_{2.5}

The annual average of PM_{2.5} at PU Pokhara station was found to be 27.18 µg/m³. Histogram of hourly average PM_{2.5} is shown in the figure below.

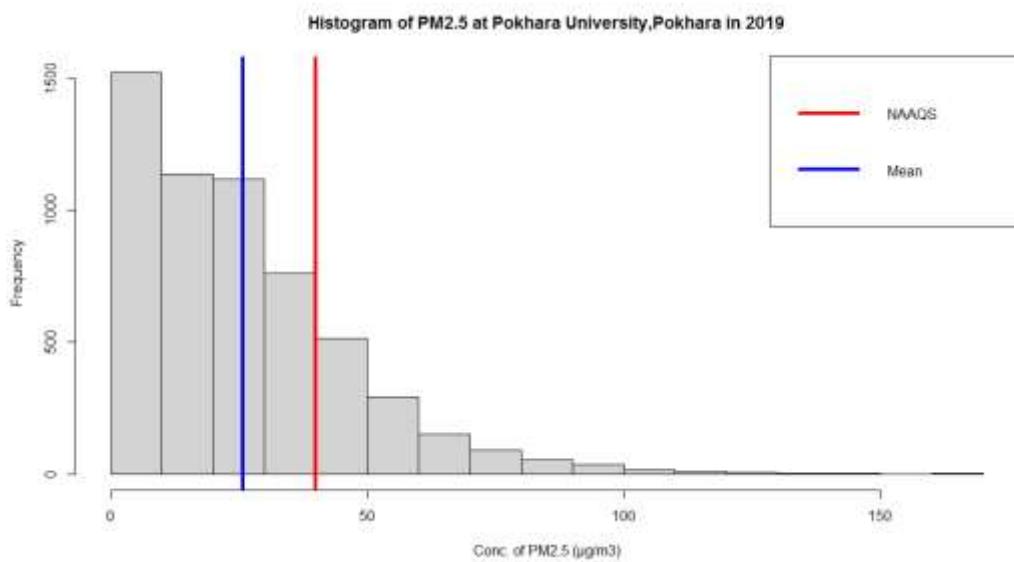


Figure 59 : Histogram of PM_{2.5}

Daily average of PM_{2.5}

Daily average concentration of PM_{2.5} was high during January and was found low during July.

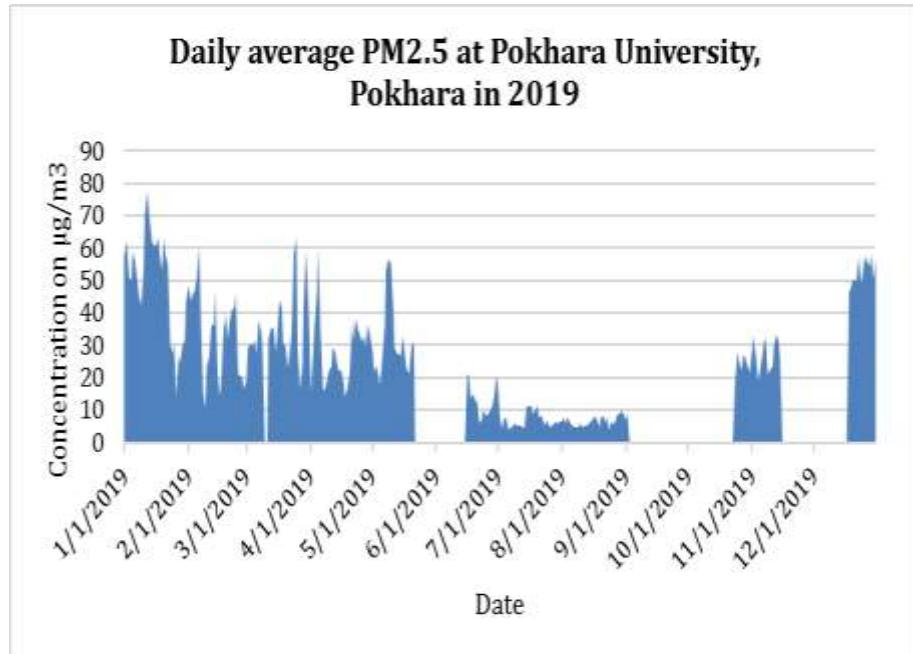


Figure 60: Daily average of PM_{2.5}

Monthly average of PM_{2.5}

The highest and the lowest concentration of PM_{2.5} was found during December and August respectively. The mean value for those months were found to be 52.47 and 6.58 $\mu\text{g}/\text{m}^3$ respectively.

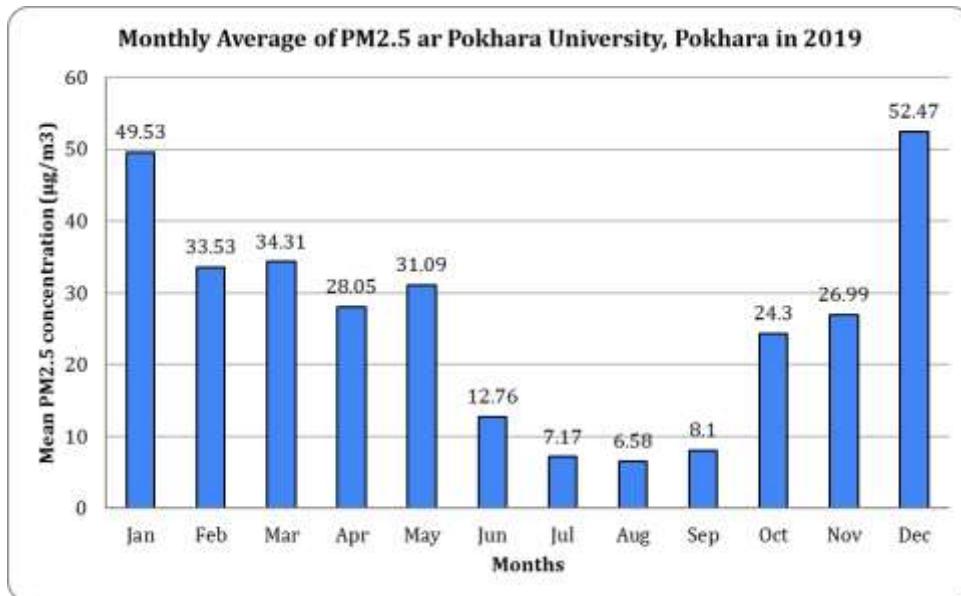


Figure 61: Monthly Average of PM_{2.5}

Monthly Variation of PM_{2.5}

Variation in concentration of PM_{2.5} was found more during January whereas low during July to August.

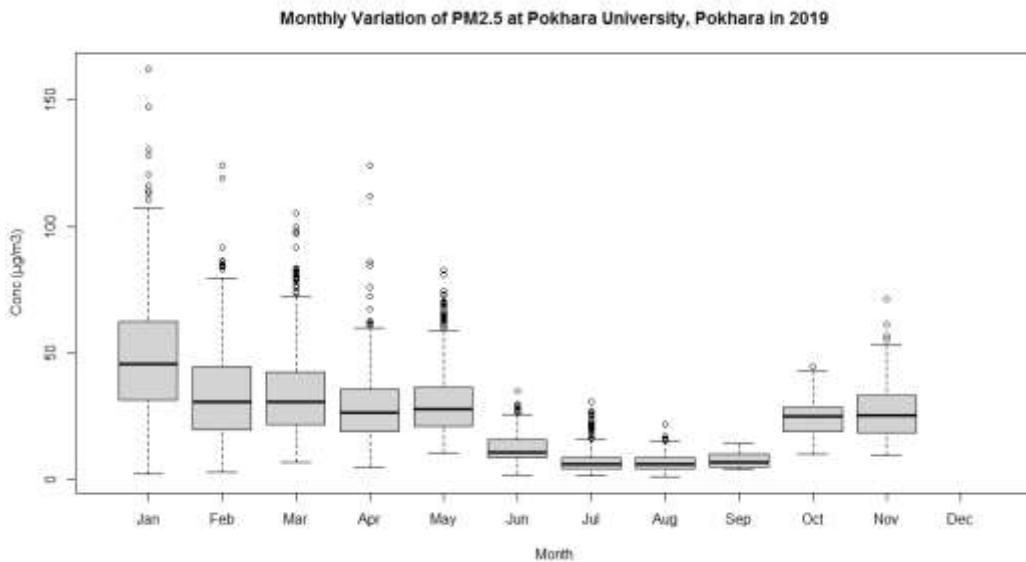


Figure 62: Monthly Variation of PM_{2.5}

Seasonal variation of average PM_{2.5}

Ambient concentration of average PM_{2.5} during winter, pre- monsoon, monsoon and post monsoon can be shown below. The concentration of PM_{2.5} was found the highest during winter ($44.73 \mu\text{g}/\text{m}^3$) and lowest during monsoon season ($8.84 \mu\text{g}/\text{m}^3$).

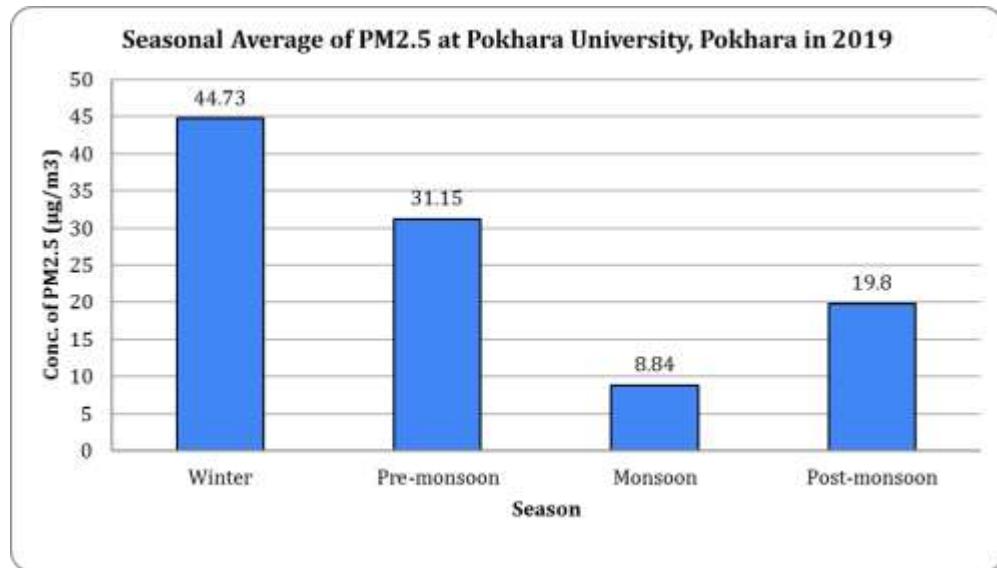


Figure 63: Seasonal variation of PM_{2.5}

Diurnal variation of average PM_{2.5} concentration

The diurnal variation of average PM_{2.5} concentrations can be shown in the figure below. The variation in PM_{2.5} concentration was high at around 6 am and low at 1 to 2 pm.

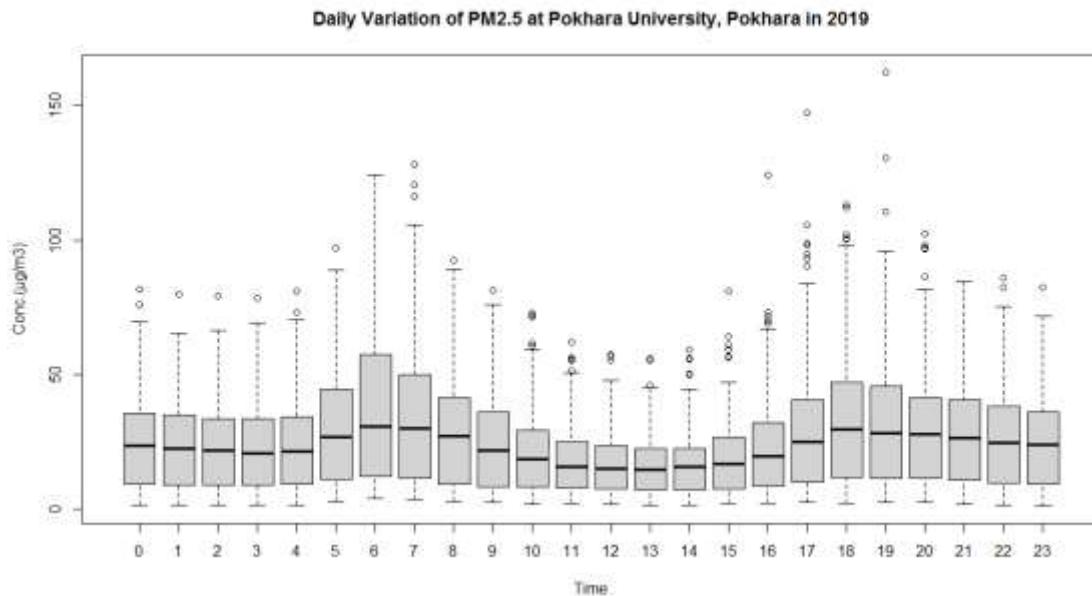


Figure 64: Diurnal variation of PM_{2.5}

Compliance status of PM_{2.5}

The total days of PM_{2.5} monitored in the year 2019 counts 255 of which 61 days exceed the NAAQS guideline.

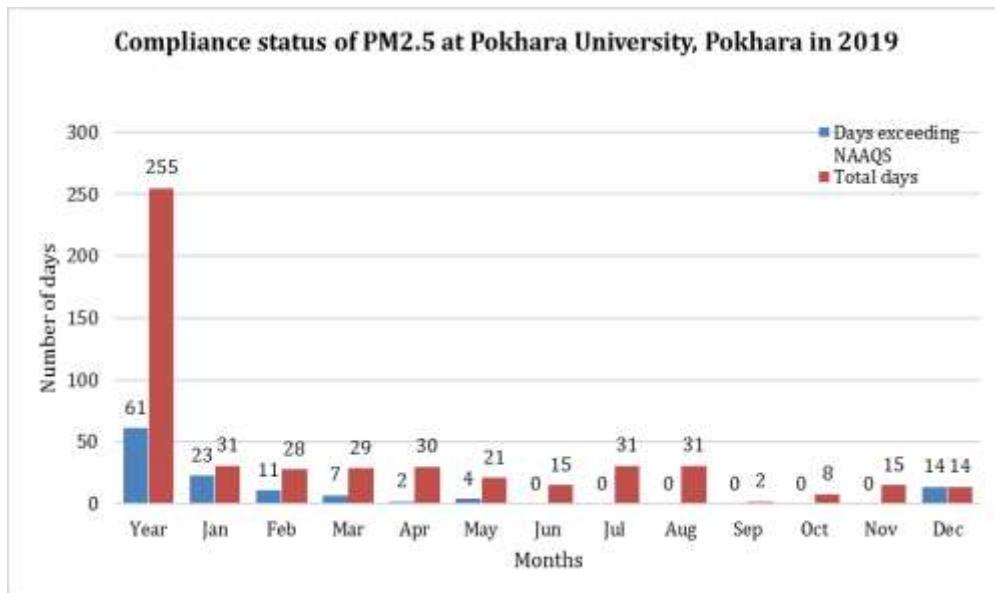


Figure 65: Compliance status of PM_{2.5}

2.3.4. Temporal variation of PM₁₀

Annual average of PM₁₀

The annual average of PM₁₀ at PU Pokhara station was found to be 32.79 $\mu\text{g}/\text{m}^3$. Histogram of hourly average PM₁₀ is shown in the figure below.

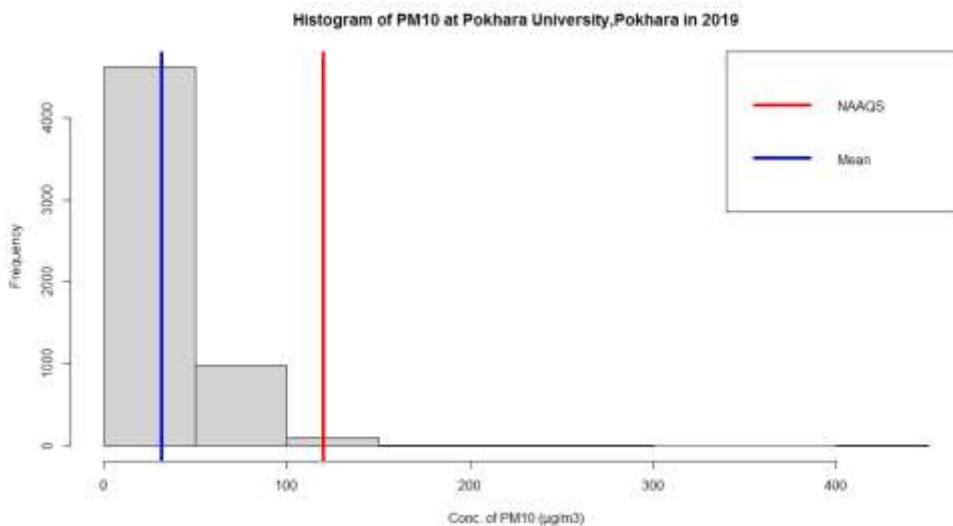


Figure 66 : Histogram for the ambient concentration of PM₁₀.

Daily average of PM₁₀:

Daily average concentration of PM₁₀ was high during January and was found low during August.

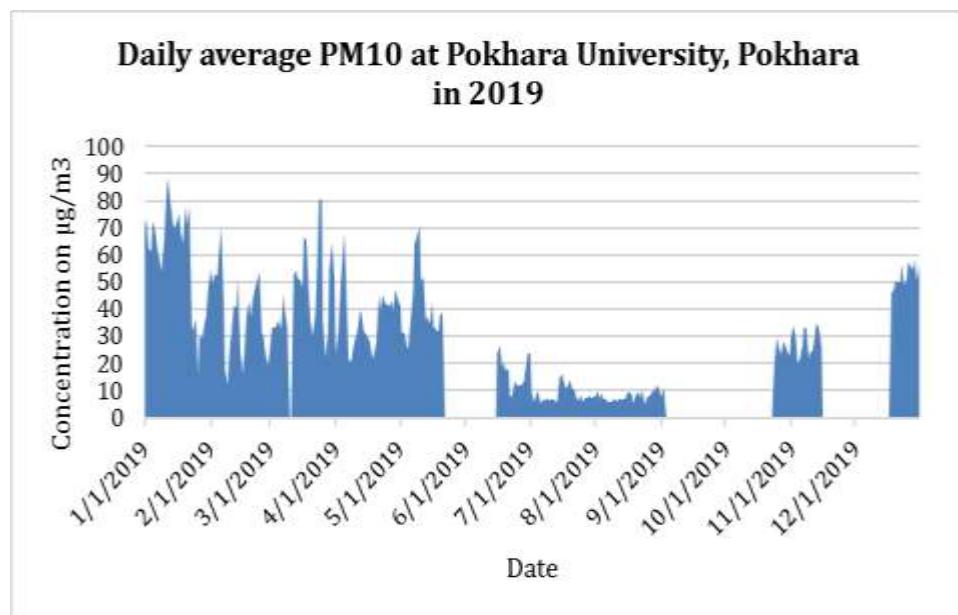


Figure 67: Daily average of PM₁₀

Monthly average of PM₁₀

The highest and the lowest concentration of PM₁₀ was found during January and August-September respectively. The mean value for those months were found to be 59.51 and 7.93 $\mu\text{g}/\text{m}^3$ respectively.

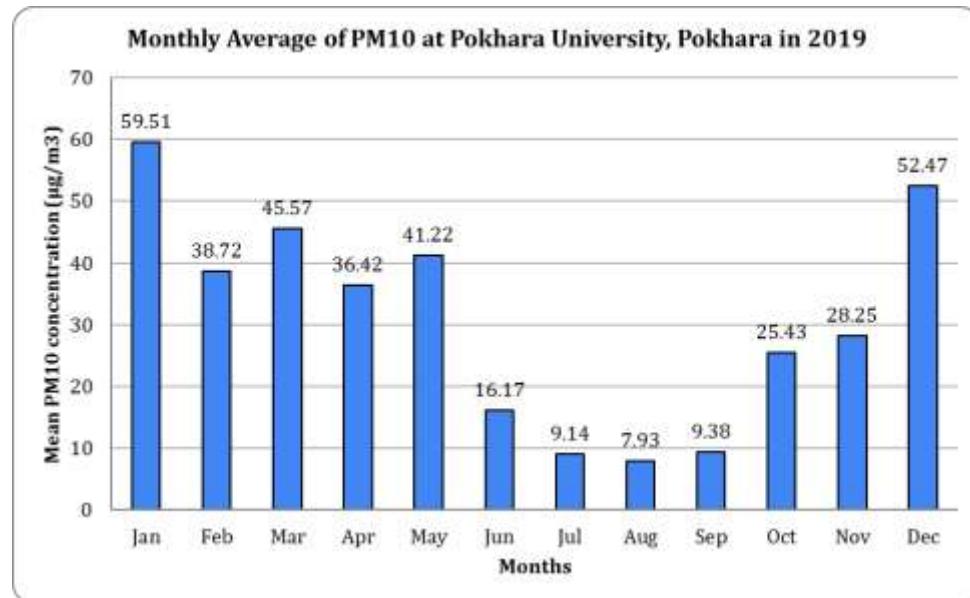


Figure 68: Monthly average of PM₁₀

Monthly Variation of PM₁₀

Variation in concentration of PM₁₀ was found more during January whereas low during August.

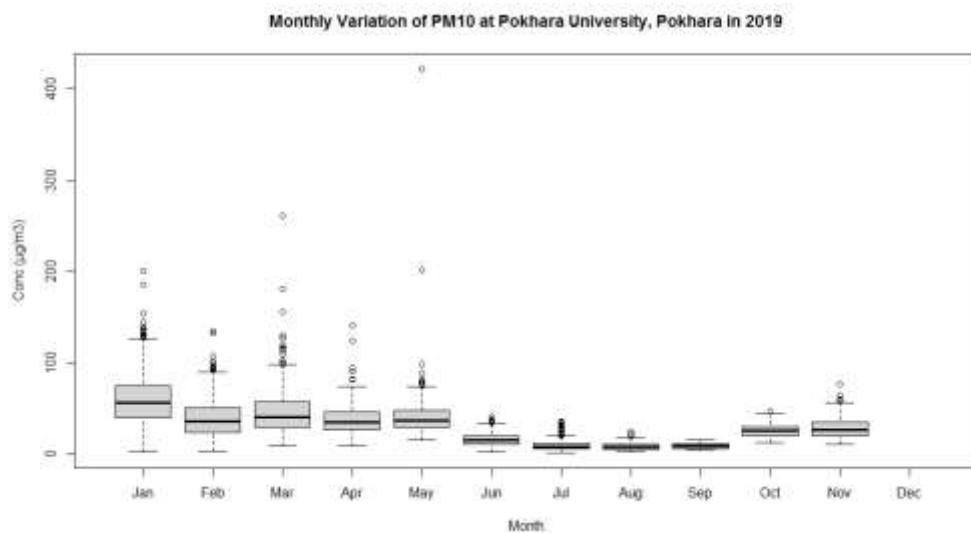


Figure 69: Monthly Variation of PM₁₀

Seasonal variation of average PM₁₀ concentration:

Ambient concentration of average PM₁₀ during winter, pre- monsoon, monsoon and post monsoon can be shown below. The concentration of PM₁₀ was found the highest during winter (52.8 µg/m³) and lowest during monsoon season (11.08 µg/m³).

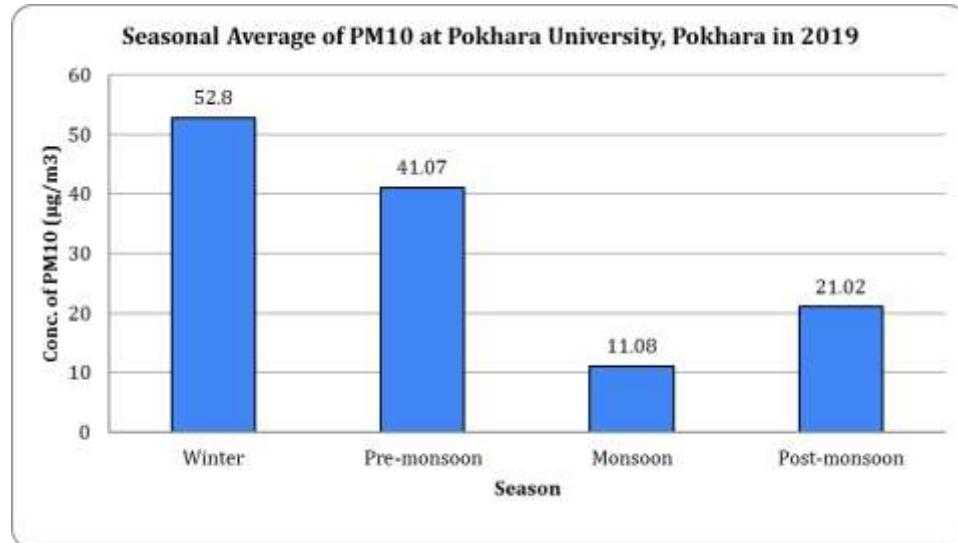


Figure 70: Seasonal variation of PM₁₀.

Diurnal variation of average PM₁₀ concentration

The diurnal variation of average PM₁₀ concentrations can be shown in the figure below. The variation in PM₁₀ concentration was high at around 6 am and low at 11am to 1 pm.

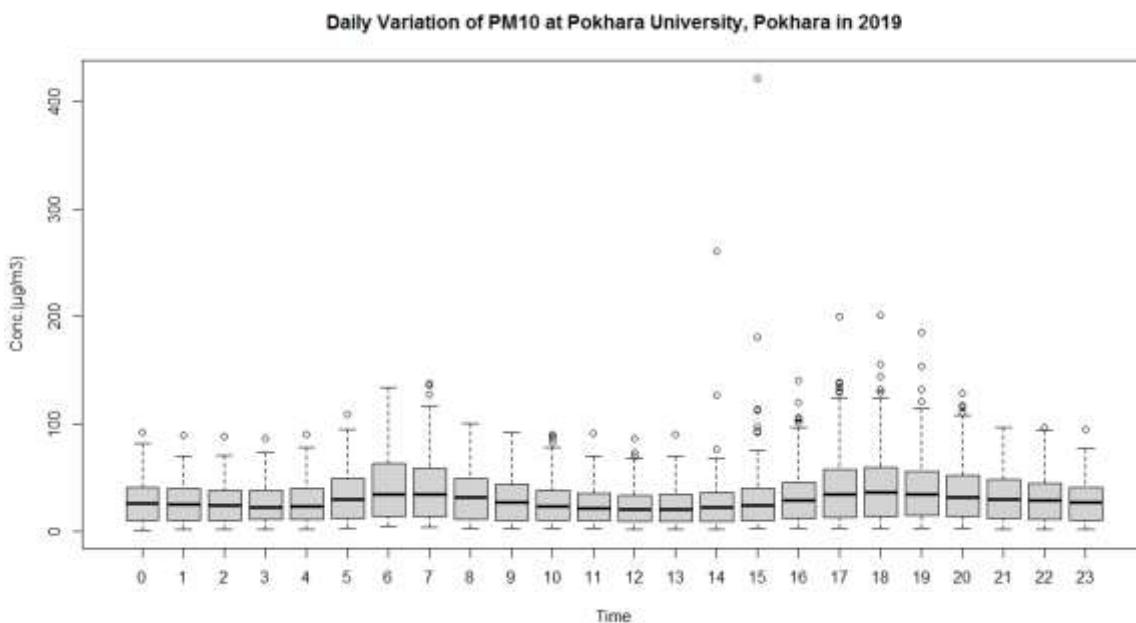


Figure 71: Diurnal variation of PM₁₀ concentration

Compliance status of PM₁₀

The total days of PM₁₀ monitored in the year 2019 counts 255 of which none of the day exceed the NAAQS guideline.

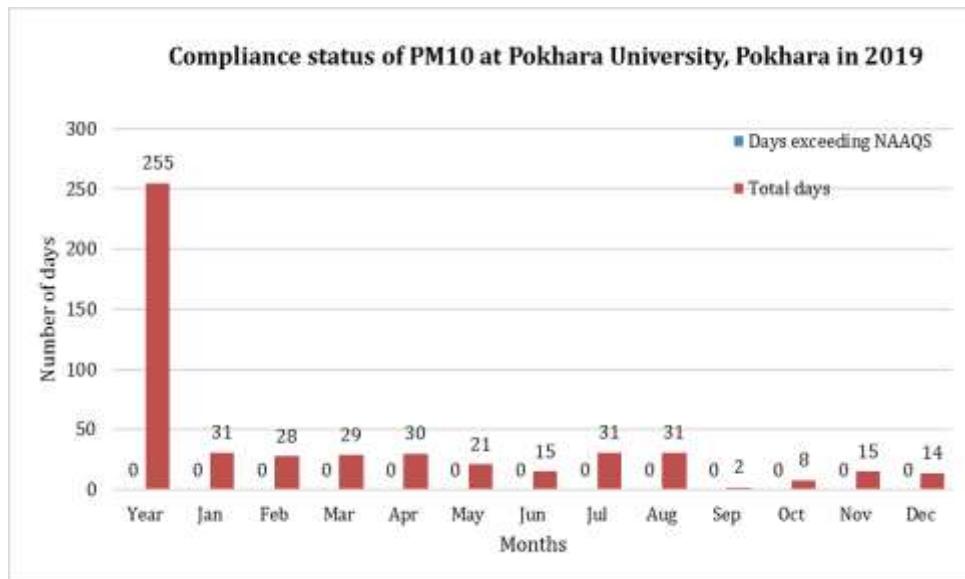


Figure 72: Compliance status of PM₁₀

2.3.5. Temporal variation of TSP

Annual average of TSP

The annual average of TSP at PU Pokhara station was found to be 49.14 $\mu\text{g}/\text{m}^3$. Histogram of hourly average TSP is shown in the figure below.

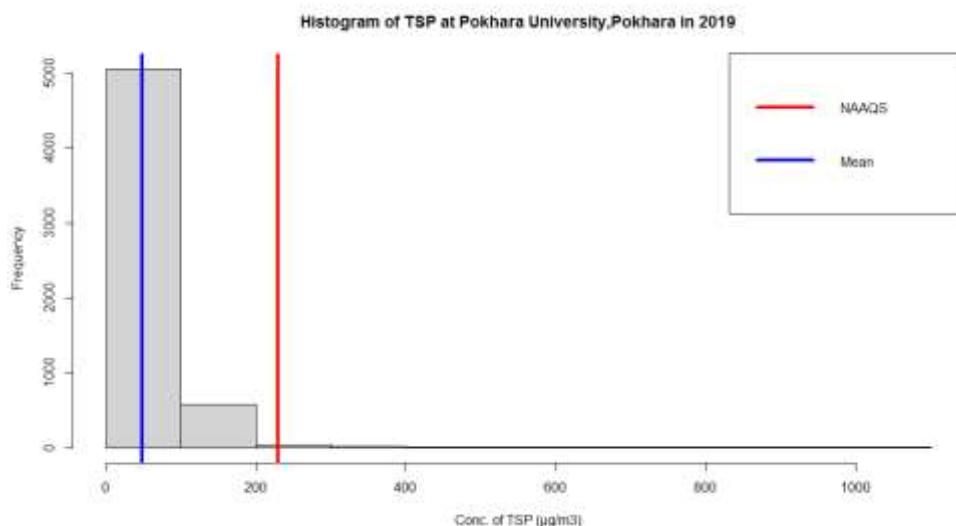


Figure 73 : Histogram for the ambient concentration of TSP

Daily average of TSP

Daily average concentration of TSP was high during January and was found low during July-August.

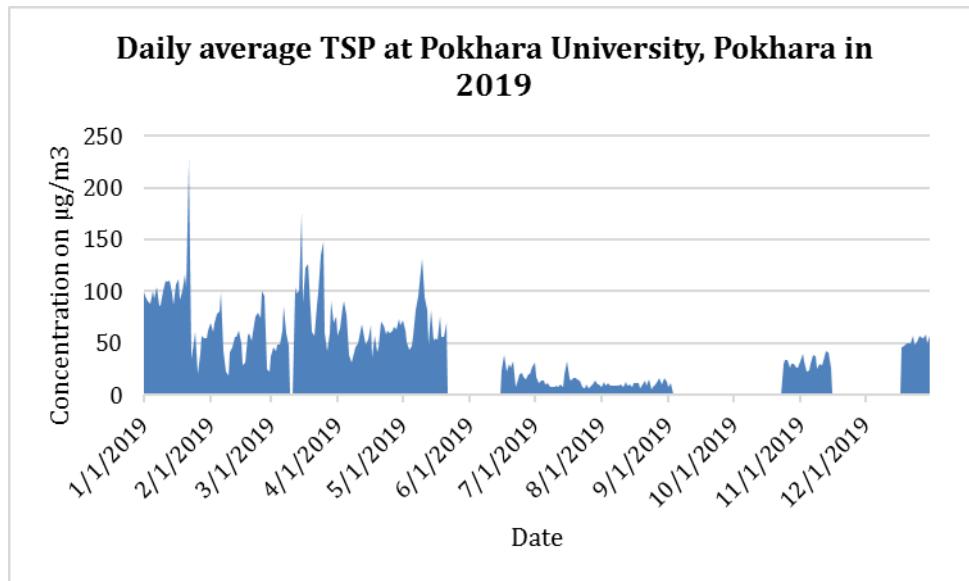


Figure 74: Daily average of TSP

Monthly average of TSP

The highest and the lowest concentration of TSP was found during January and September respectively. The mean value for those months were found to be 88.99 and 9.77 $\mu\text{g}/\text{m}^3$ respectively.

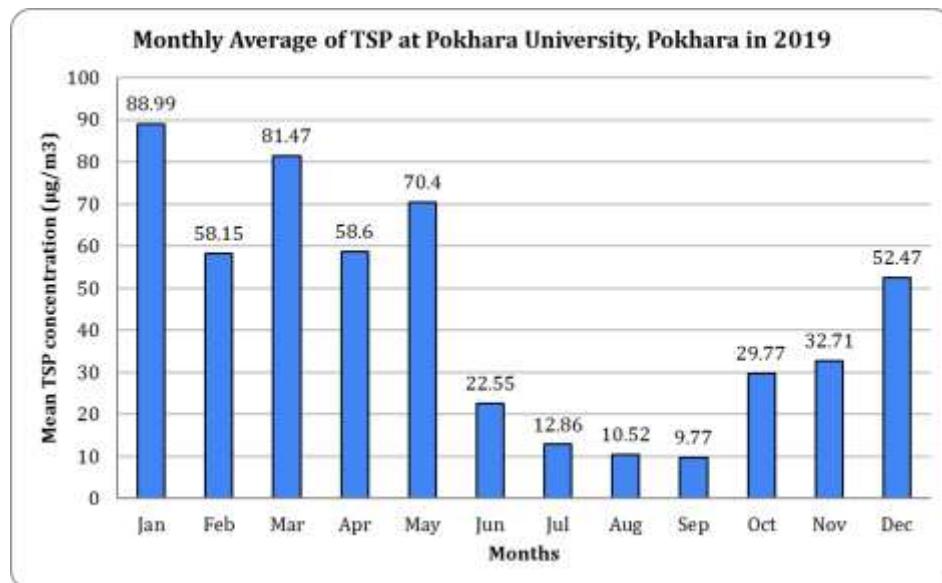


Figure 75: Monthly Average of TSP

Monthly Variation of TSP

Variation in concentration of TSP is more during January and less during September as shown in figure below.

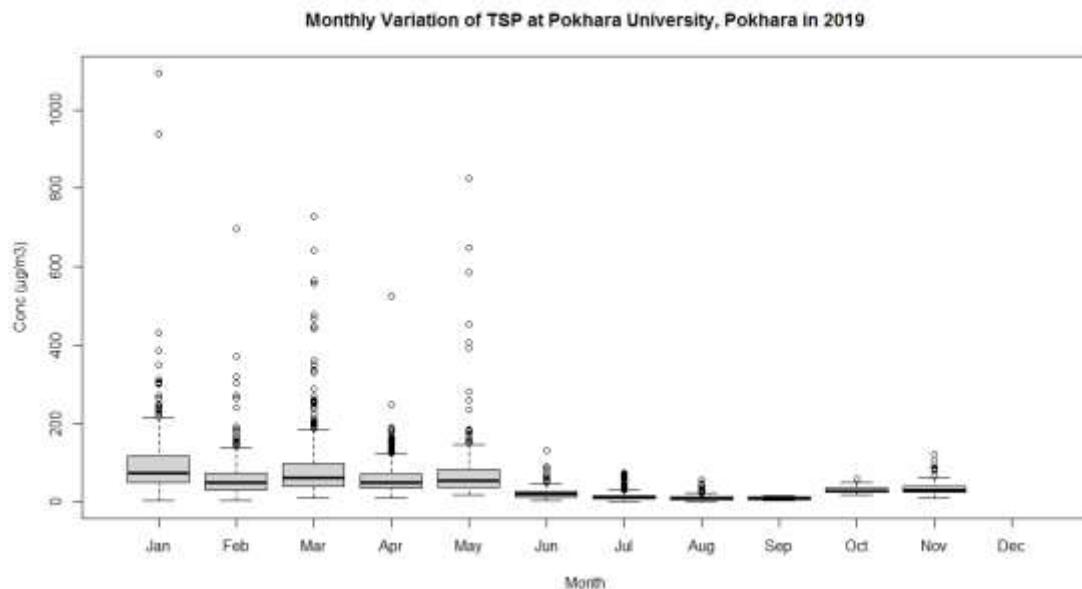


Figure 76: Monthly Variation of TSP.

Seasonal variation of average TSP

Ambient concentration of average TSP during winter, pre- monsoon, monsoon and post monsoon can be shown below. The concentration of TSP was found higher during winter ($77.2 \mu\text{g}/\text{m}^3$) than monsoon season ($15.31 \mu\text{g}/\text{m}^3$).

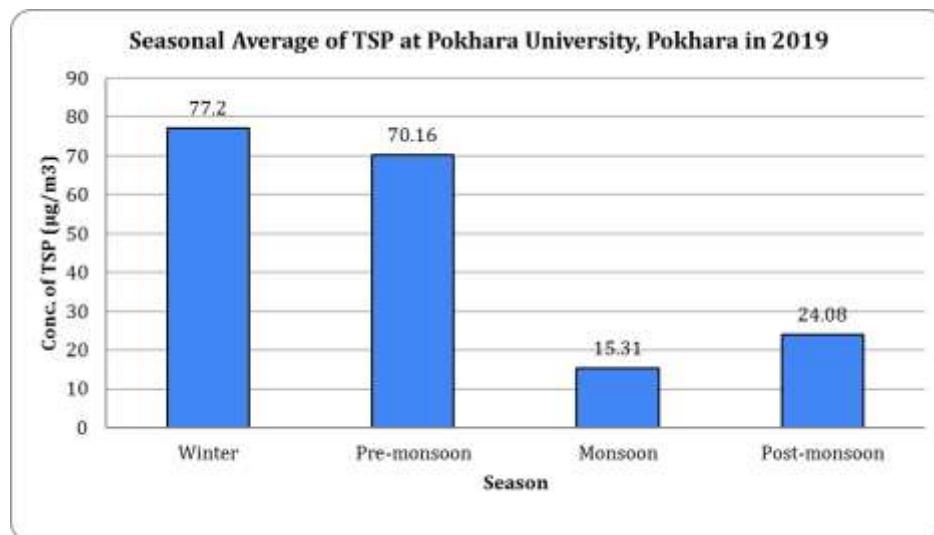


Figure 77: Seasonal variation of TSP

Diurnal variation of average TSP

The diurnal variation of average TSP concentrations can be shown in the figure below. The variation in TSP concentration was high during 4-5pm and low during morning.

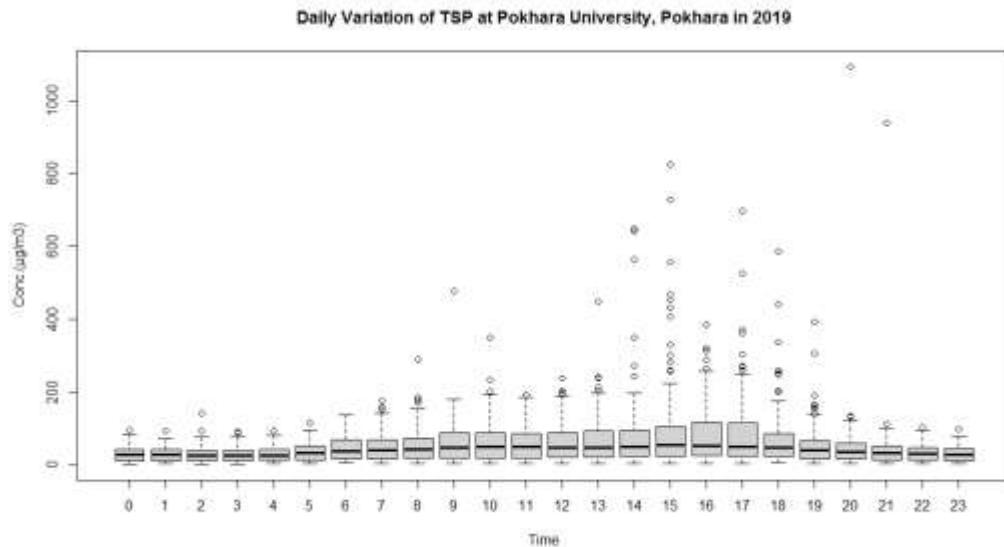


Figure 78: Diurnal Variation of TSP

Compliance status of TSP

The total days of TSP monitored in the year 2019 counts 255 of which none of the days exceed the NAAQS guideline.

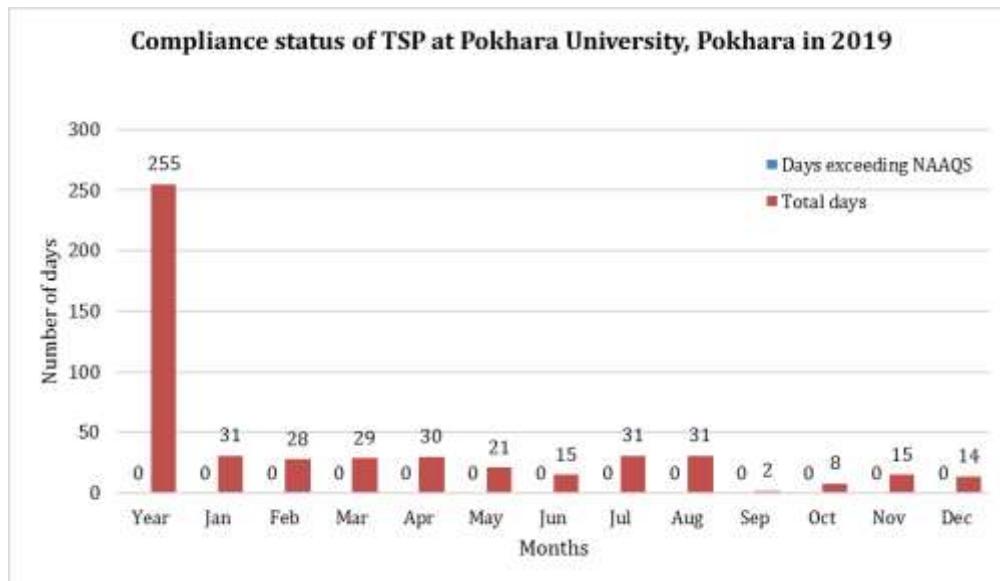


Figure 79: Compliance status of TSP

2.4. Temporal variation of 2020

2.4.1. Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP

The annual average of PM₁, PM_{2.5}, PM₁₀ and TSP of the PU Pokhara monitoring station was calculated as shown in figure below.

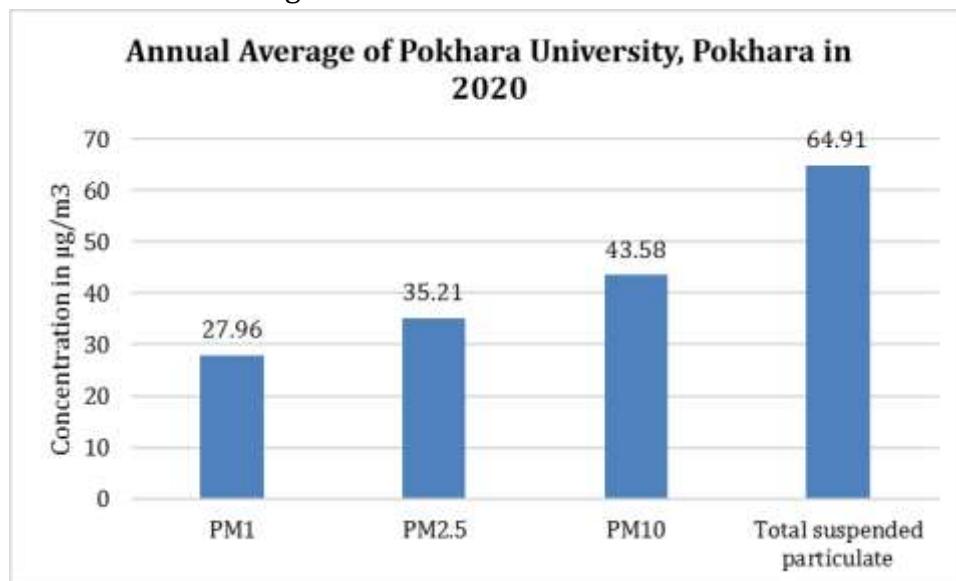


Figure 80: Annual average of PM₁, PM_{2.5}, PM₁₀ and TSP in 2020

2.4.2. Temporal variation of PM₁

Annual average of PM₁

The annual average of PM₁ at PU Pokhara station was found to be 27.96 $\mu\text{g}/\text{m}^3$. Histogram of hourly average PM₁ is shown in the figure below.

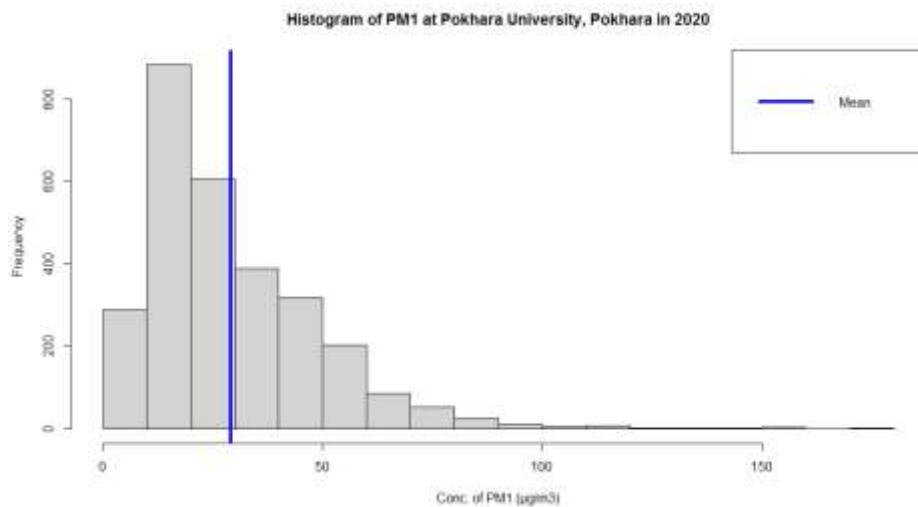


Figure 81 : Histogram of PM₁.

Daily average of PM₁

Daily average concentration of PM₁ was high during April and was found low during May.

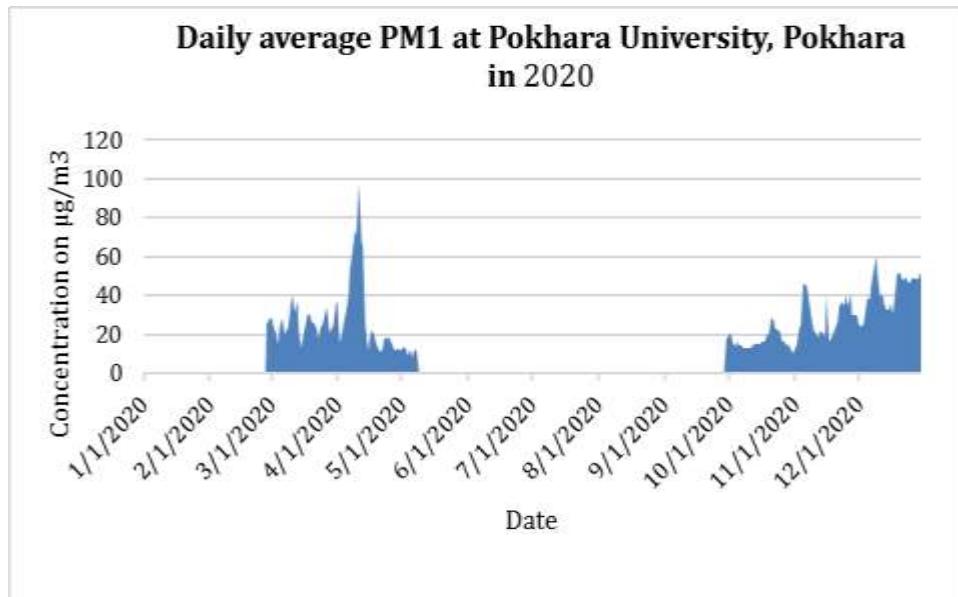


Figure 82: Daily average of PM₁

Monthly average of PM₁

The highest and the lowest concentration of PM₁ was found during December and May respectively. The mean value for those months were found to be 42.62 and 11.45 µg/m³ respectively.

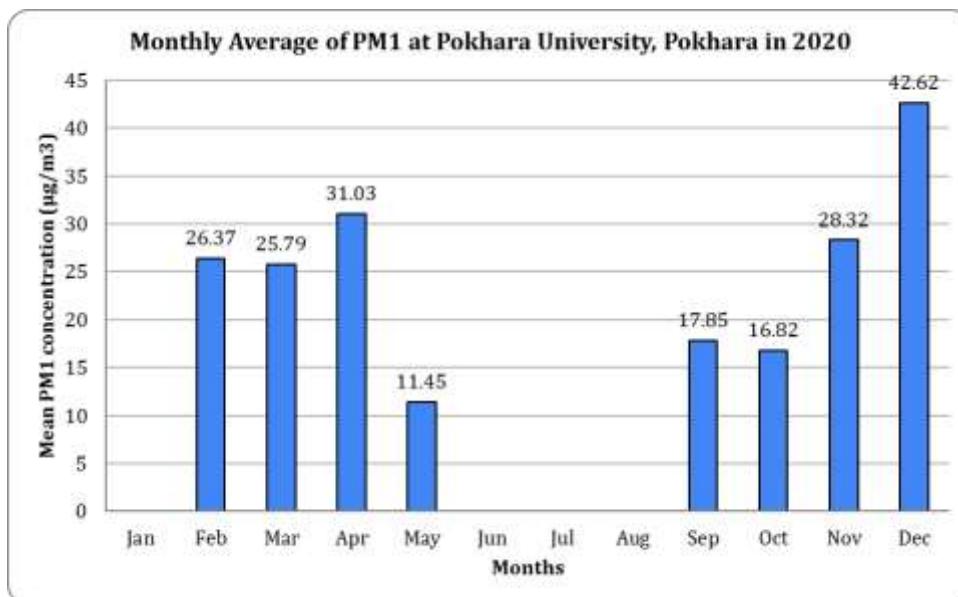


Figure 83: Monthly Average of PM₁

Monthly Variation of PM₁

Variation in concentration of PM₁ was found more during April whereas low during May.

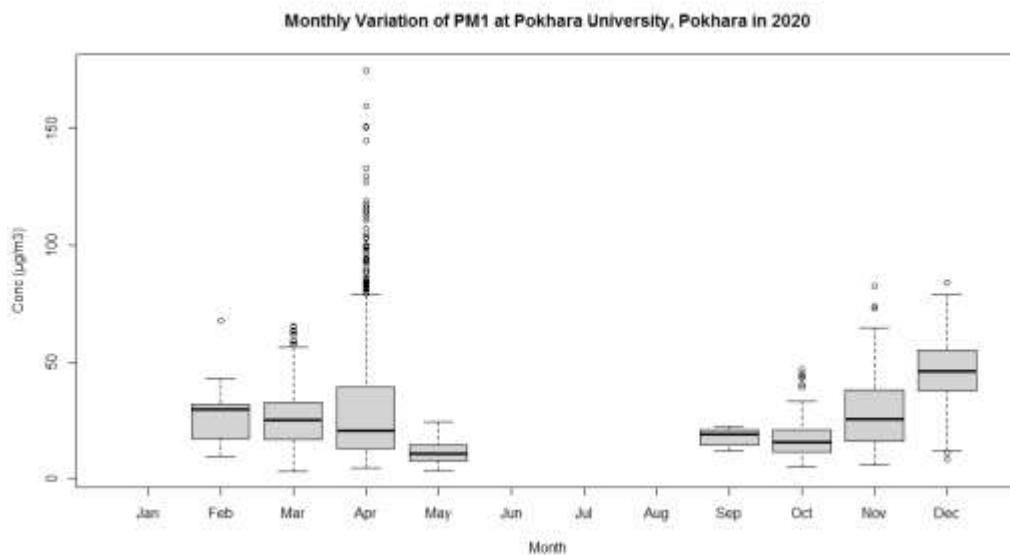


Figure 84: Monthly Variation of PM₁

Seasonal variation of average PM₁

Ambient concentration of average PM₁ during winter, pre-monsoon and post-monsoon can be shown in the figure below. The concentration of PM₁ was found high during pre-monsoon (22.76 $\mu\text{g}/\text{m}^3$) and low during post-monsoon season (20.99 $\mu\text{g}/\text{m}^3$).

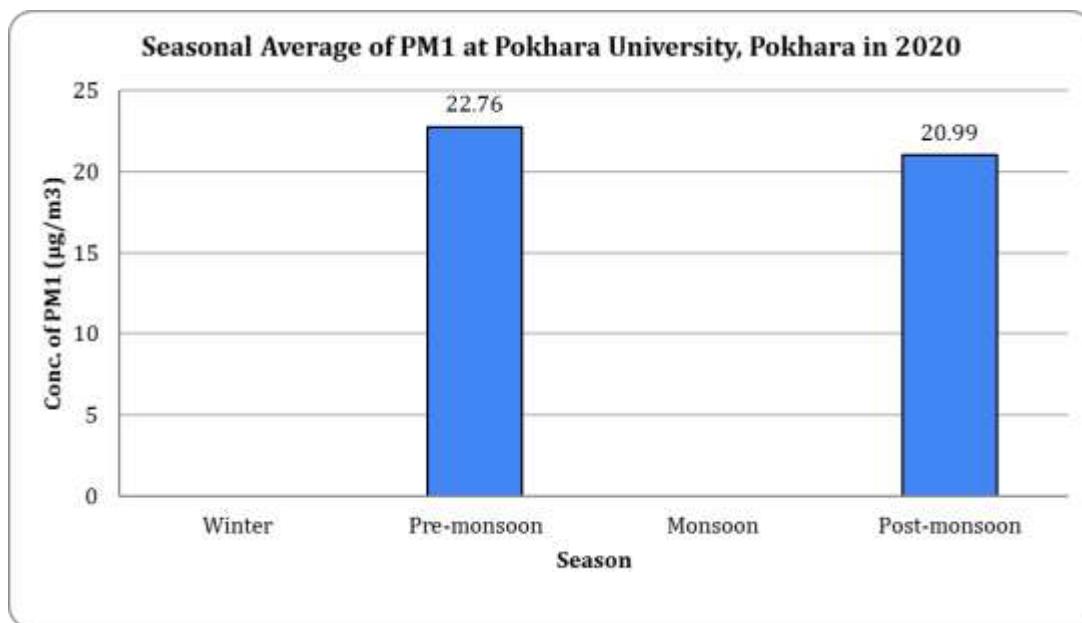


Figure 85: Seasonal variation of PM₁

Diurnal variation of average PM₁ concentration

The diurnal variation of average PM₁ concentrations can be shown in the figure below. The variation in PM₁ concentration was high during 6pm and low during 12 pm.

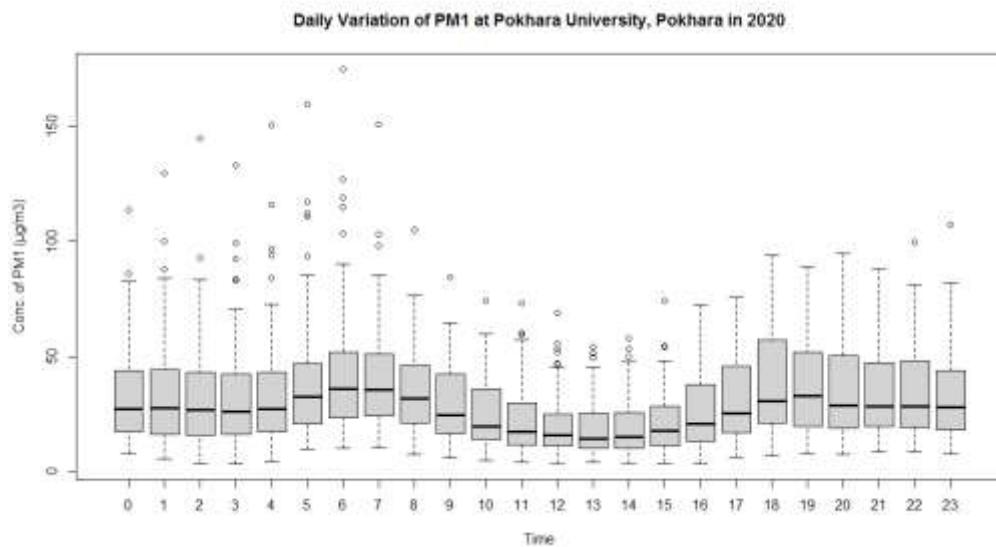


Figure 86: Diurnal variation of PM₁

2.4.3. Temporal variation of PM_{2.5}

Annual average of PM_{2.5}

The annual average of PM_{2.5} at PU Pokhara station was found to be 35.21 µg/m³. Histogram of hourly average PM_{2.5} is shown in the figure below.

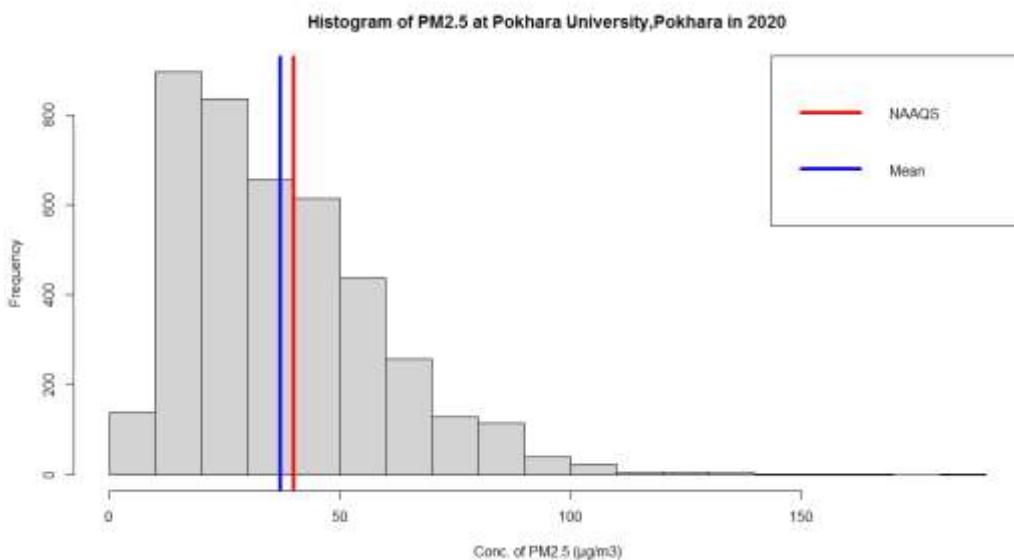


Figure 87 : Histogram of PM_{2.5}

Daily average of PM_{2.5}

Daily average concentration of PM_{2.5} was high during April and low during May.

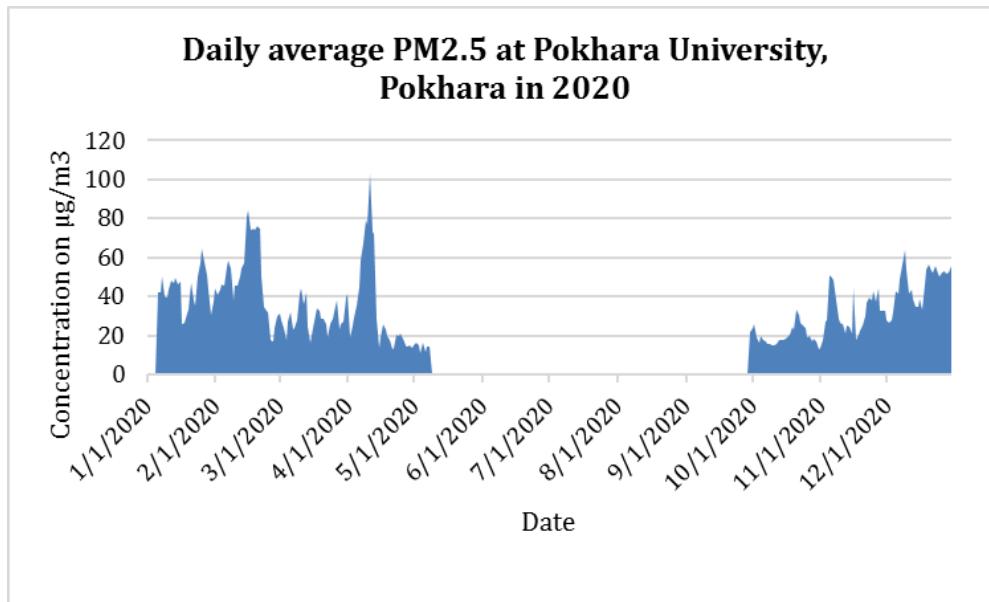


Figure 88: Daily average of PM_{2.5}

Monthly average of PM_{2.5}

The highest and the lowest concentration of PM_{2.5} was found during February and May respectively. The mean value for those months were found to be 50.23 and 14.1 $\mu\text{g}/\text{m}^3$ respectively .

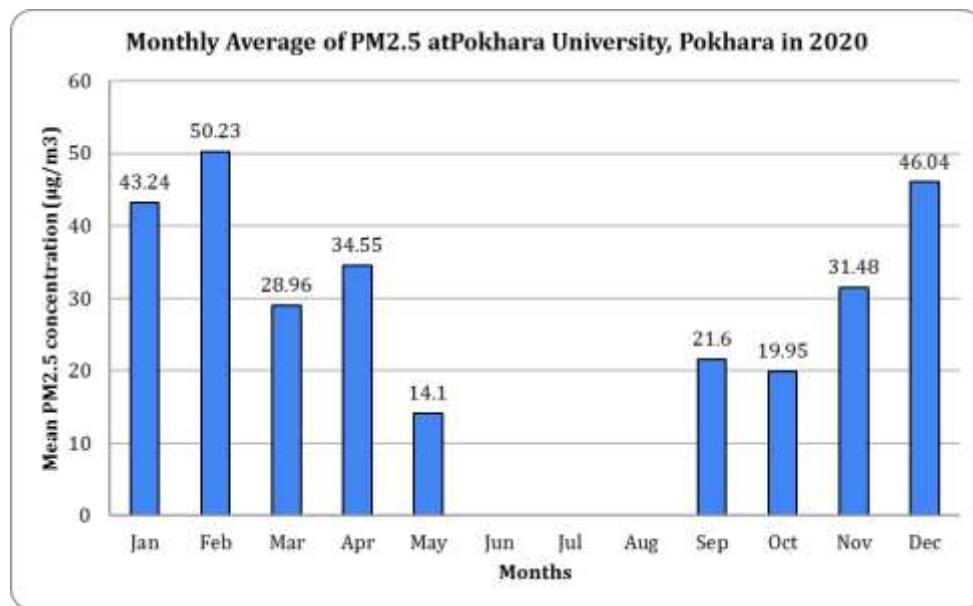


Figure 89: Monthly Average of PM_{2.5}

Monthly Variation of PM_{2.5}

Variation in concentration of PM_{2.5} was found more during February and less during September.

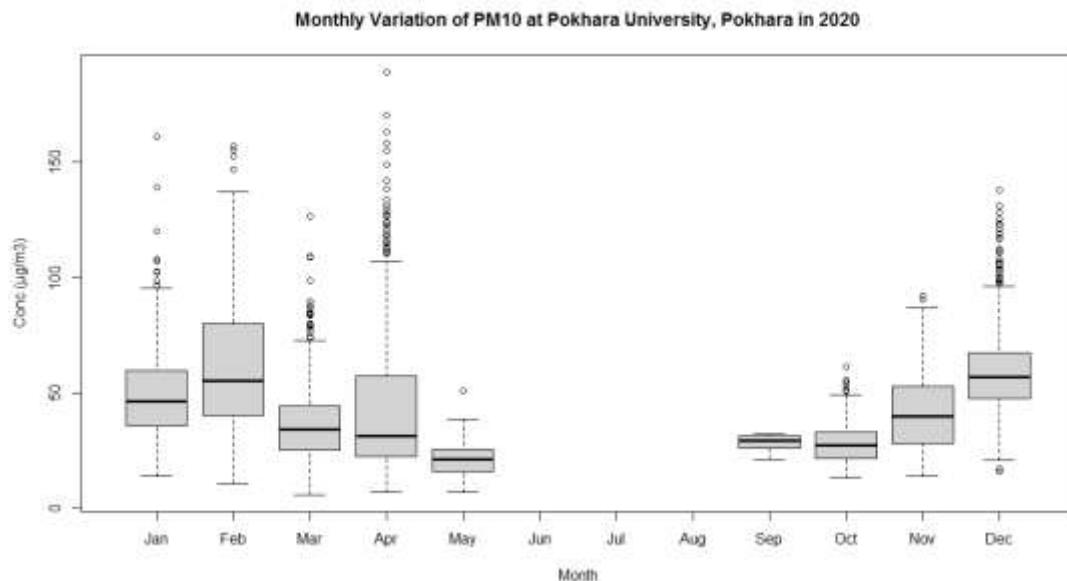


Figure 90: Monthly Variation of PM_{2.5}

Seasonal variation of average PM_{2.5} concentration

Ambient concentration of average PM_{2.5} during winter, pre-monsoon and post-monsoon. The concentration of PM_{2.5} was found high during winter ($48.65 \mu\text{g}/\text{m}^3$) and low during post-monsoon season ($24.34 \mu\text{g}/\text{m}^3$).

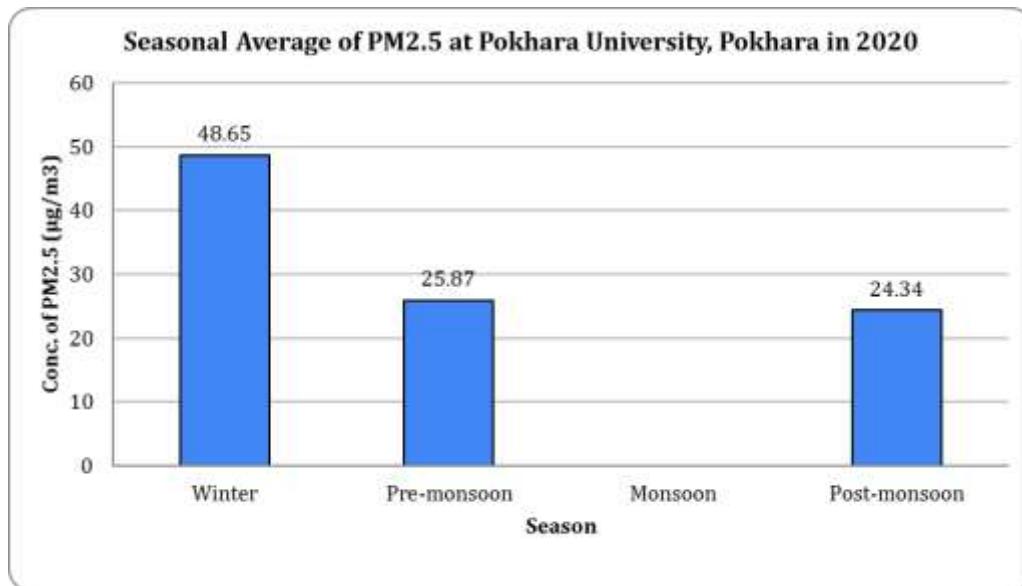


Figure 91: Seasonal variation of PM_{2.5}

Diurnal variation of average PM_{2.5}

The diurnal variation of average PM_{2.5} concentrations can be shown in the figure below.

The variation in PM_{2.5} concentration was high at around 5-6 pm and low 1 pm.

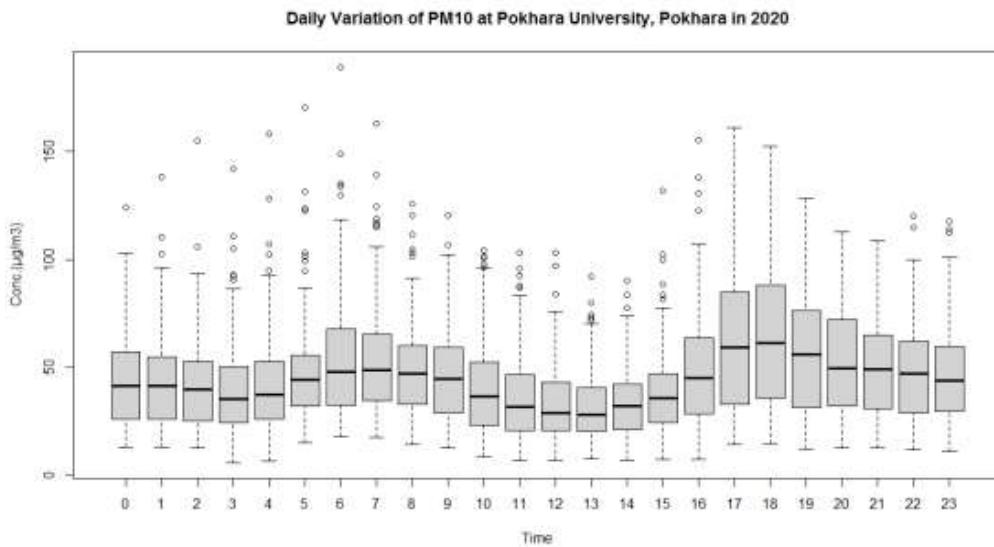


Figure 92: Diurnal variation of PM_{2.5}

Compliance status of PM_{2.5}

The total days of PM_{2.5} monitored in the year 2020 counts 216, of which 76 days exceed the NAAQS guideline.

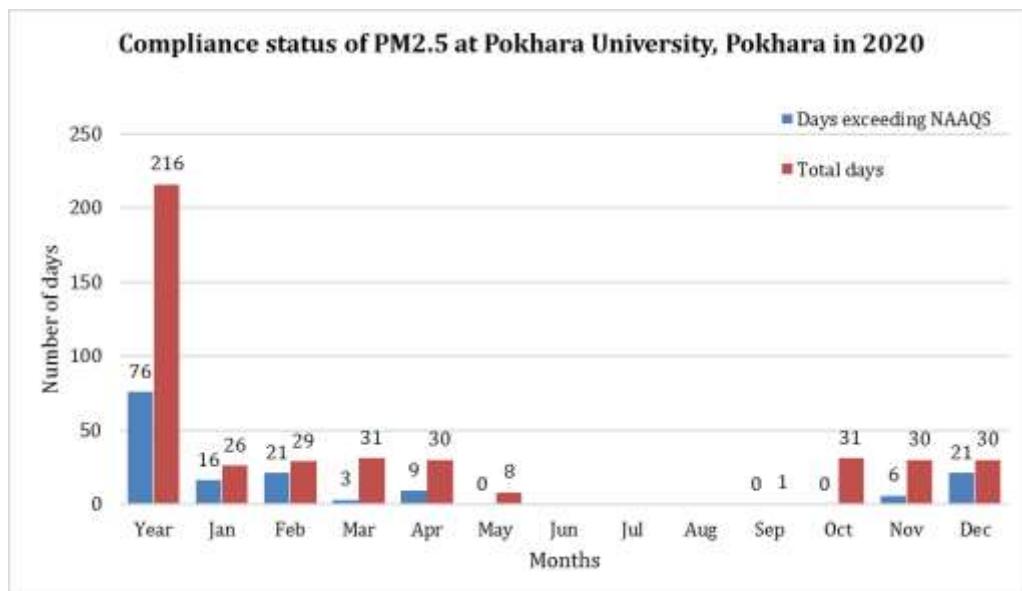


Figure 93: Compliance status of PM_{2.5}

2.4.4. Temporal variation of PM₁₀

Annual average of PM₁₀

The annual average of PM₁₀ at PU Pokhara station was found to be 43.58 µg/m³. Histogram of hourly average PM₁₀ is shown in the figure below.

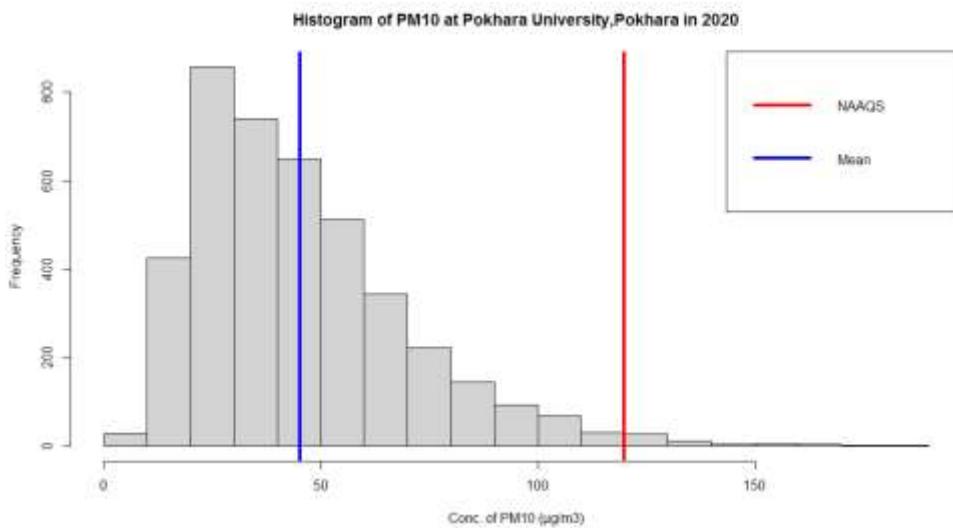


Figure 94 : Histogram for the ambient concentration of PM₁₀.

Daily average of PM₁₀

Daily average concentration of PM₁₀ was high during April and was found low during May.

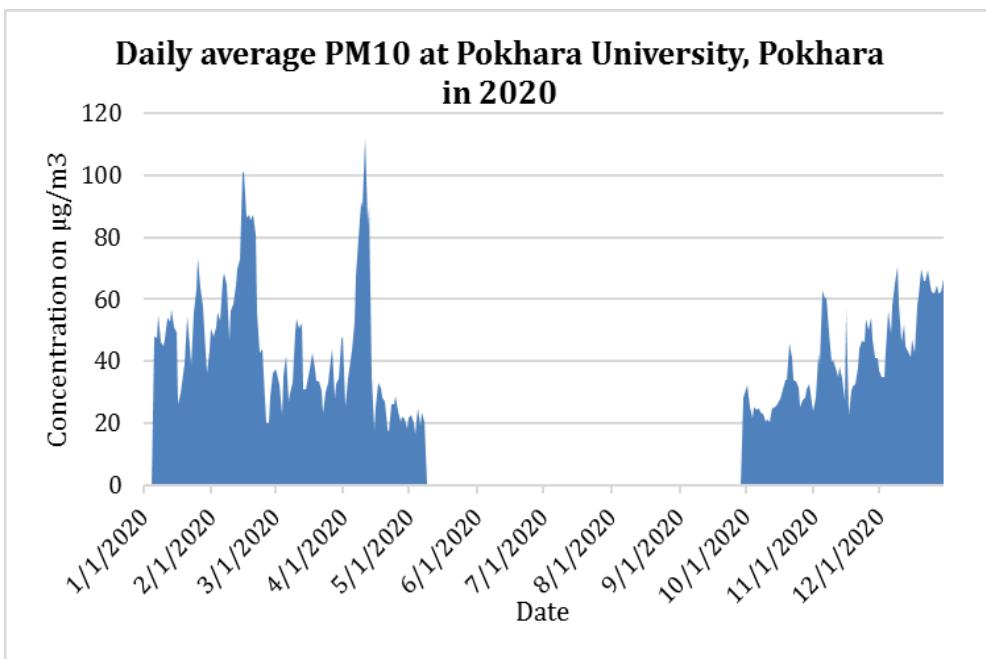


Figure 95: Daily average of PM₁₀

Monthly average of PM₁₀

The highest and the lowest concentration of PM₁₀ was found during February and August respectively. The mean value for those months were found to be 59.93 and 21.02 $\mu\text{g}/\text{m}^3$ respectively.

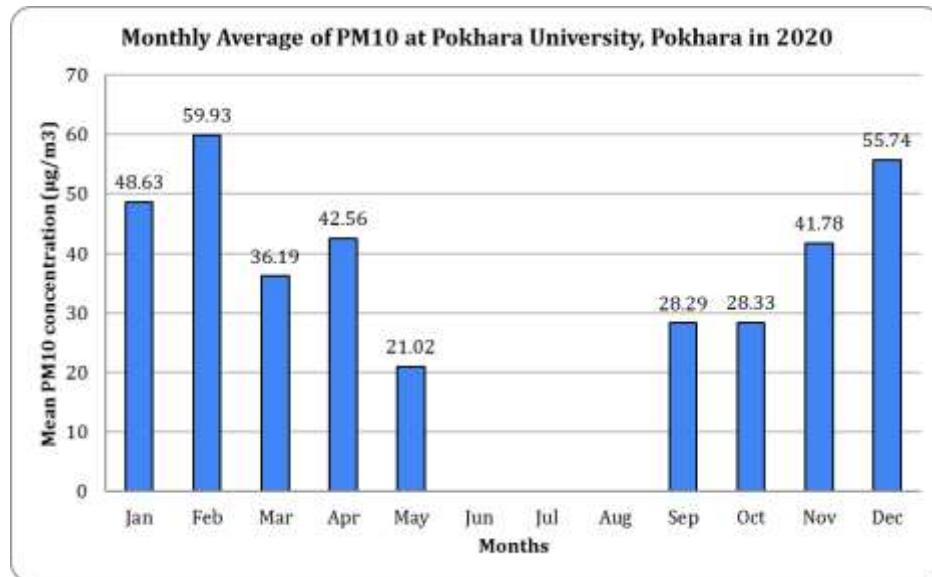


Figure 96: Monthly average of PM₁₀

Monthly Variation of PM₁₀

Variation in concentration of PM₁₀ was found more during February and less during September.

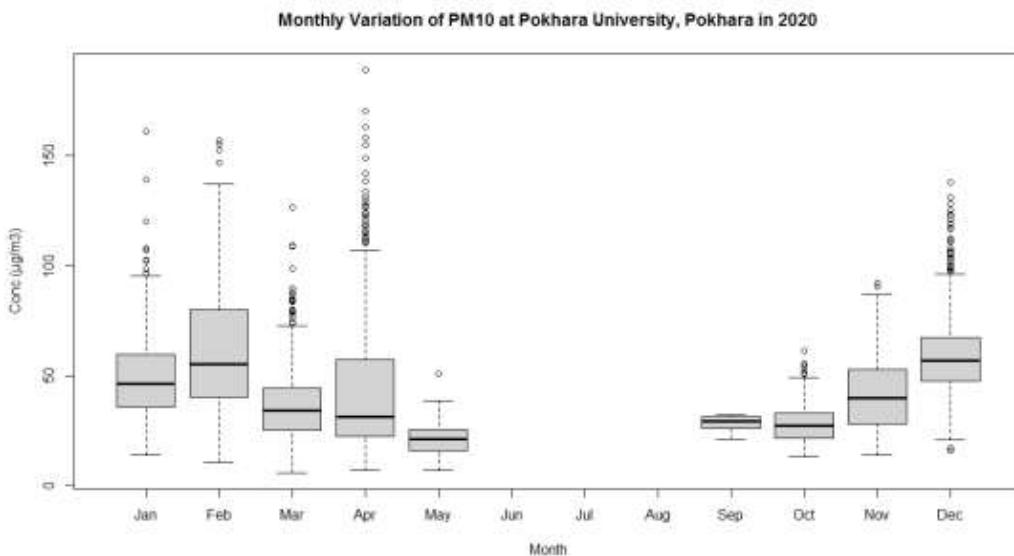


Figure 97: Monthly Variation of PM₁₀

Seasonal variation of average PM₁₀ concentration:

Ambient concentration of average PM₁₀ during winter, pre-monsoon and monsoon as shown in the figure below. The concentration of PM₁₀ was found higher during winter (53.67 µg/m³) and low during post-monsoon season (32.8 µg/m³).

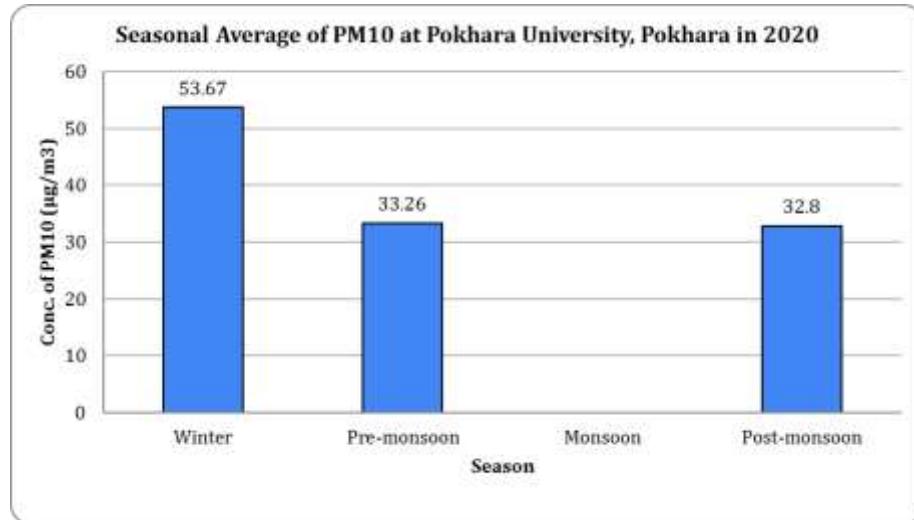


Figure 98: Seasonal variation of PM₁₀.

Diurnal variation of average PM₁₀

The diurnal variation of average PM₁₀ concentrations can be shown in the figure below. The variation in PM₁₀ concentration was high at around 5-6 pm and low at 1 am.

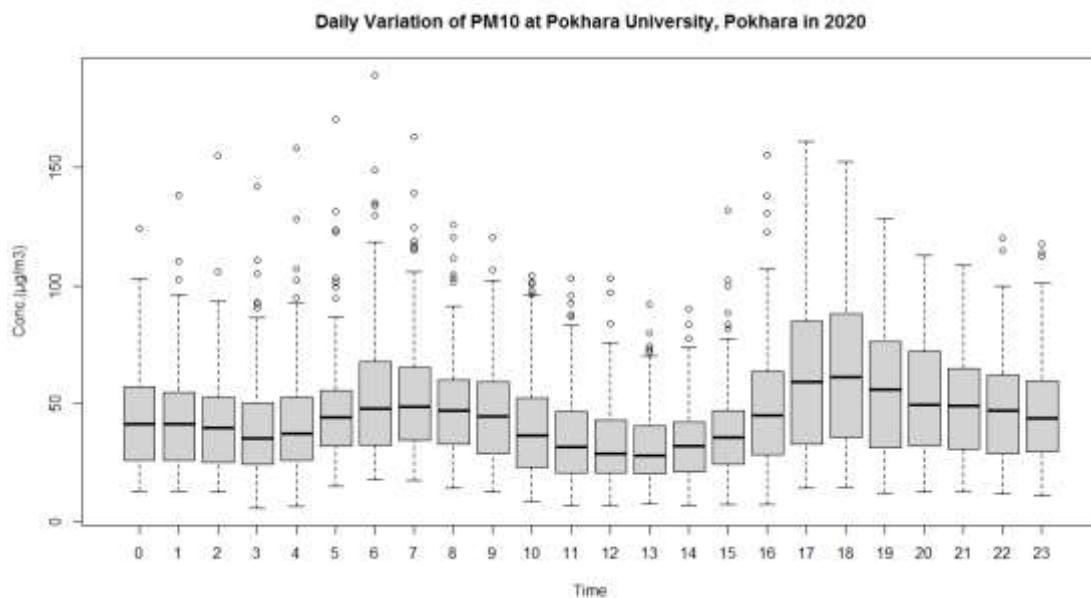


Figure 99: Diurnal variation of PM₁₀ concentration

Compliance status of PM₁₀

The total days of PM₁₀ monitored in the year 2020 counts 216 of which only one day exceed the NAAQS guideline.

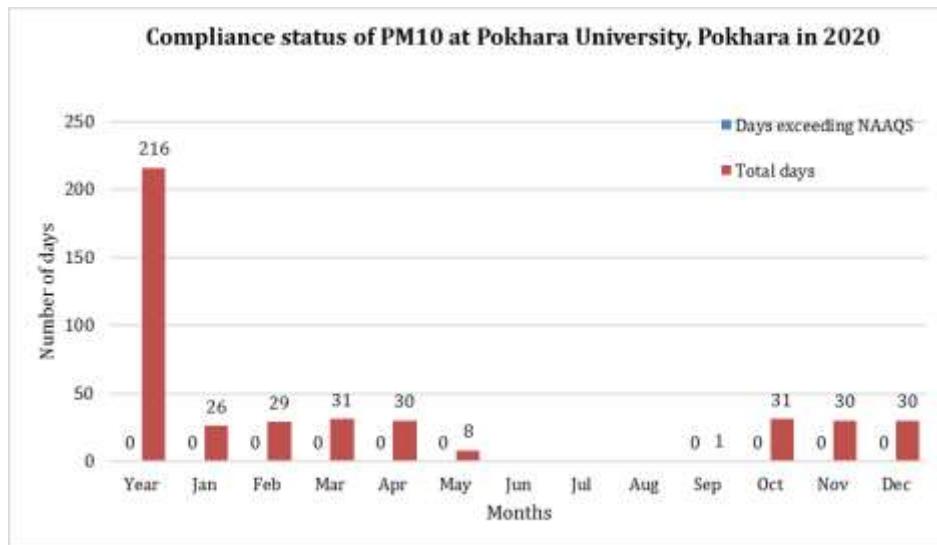


Figure 100: Compliance status of PM₁₀

2.4.5. Temporal variation of TSP

Annual average of TSP

The annual average of TSP at PU Pokhara station was found to be 64.91 $\mu\text{g}/\text{m}^3$. Histogram of hourly average TSP is shown in the figure below.

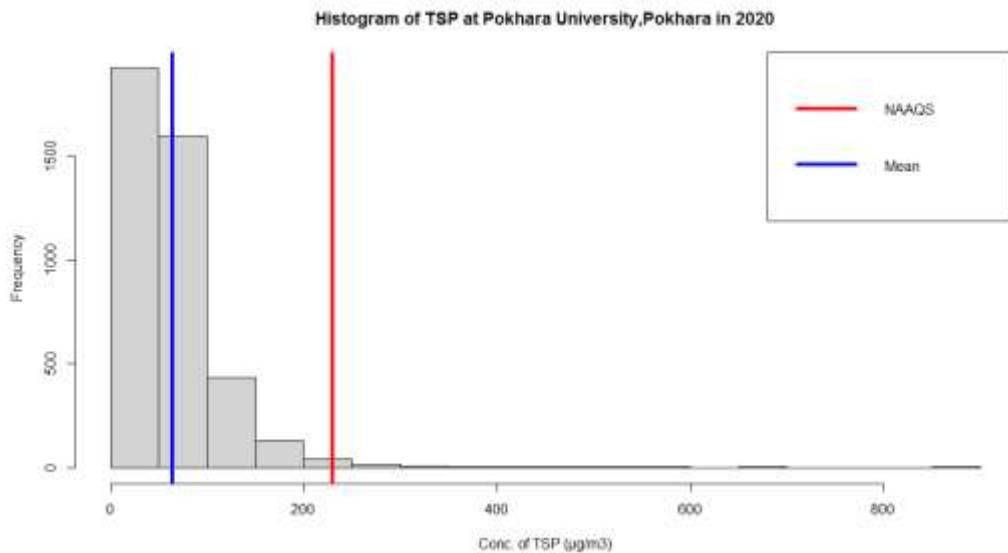


Figure 101 : Histogram of TSP

Daily average of TSP:

Daily average concentration of TSP was high during April and was found low during May .

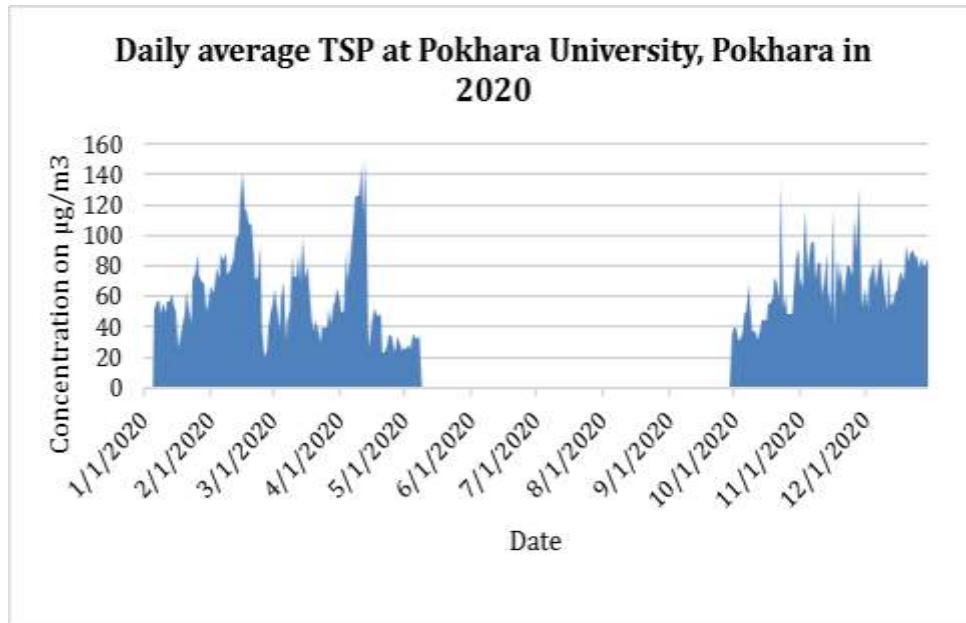


Figure 102: Daily average of TSP

Monthly average of TSP

The highest and the lowest concentration of TSP was found during February and May respectively. The mean value for those months were found to be 80.44 and 29.81 $\mu\text{g}/\text{m}^3$ respectively.

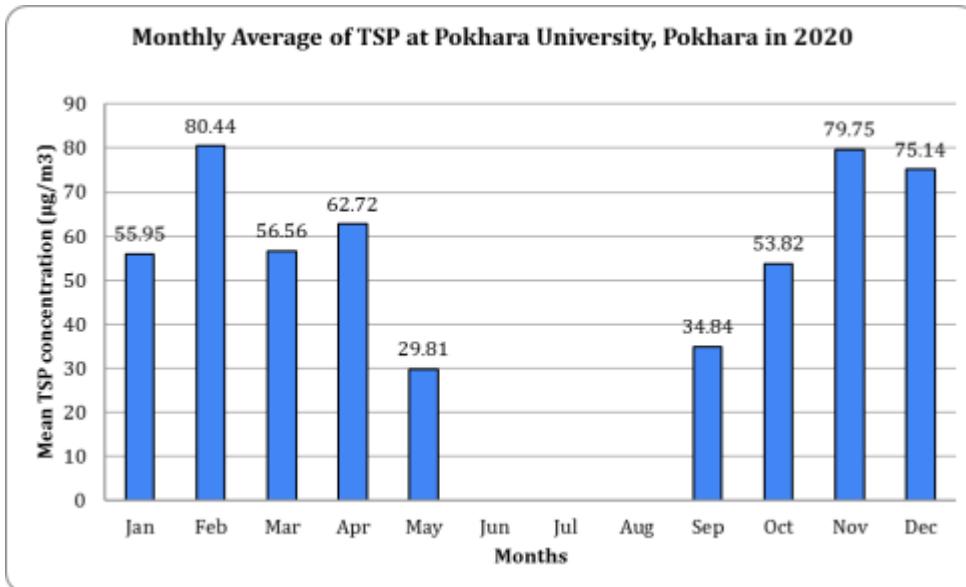


Figure 103: Monthly Average of TSP

Monthly Variation of TSP

Variation in concentration of TSP was found more during April and less during September.

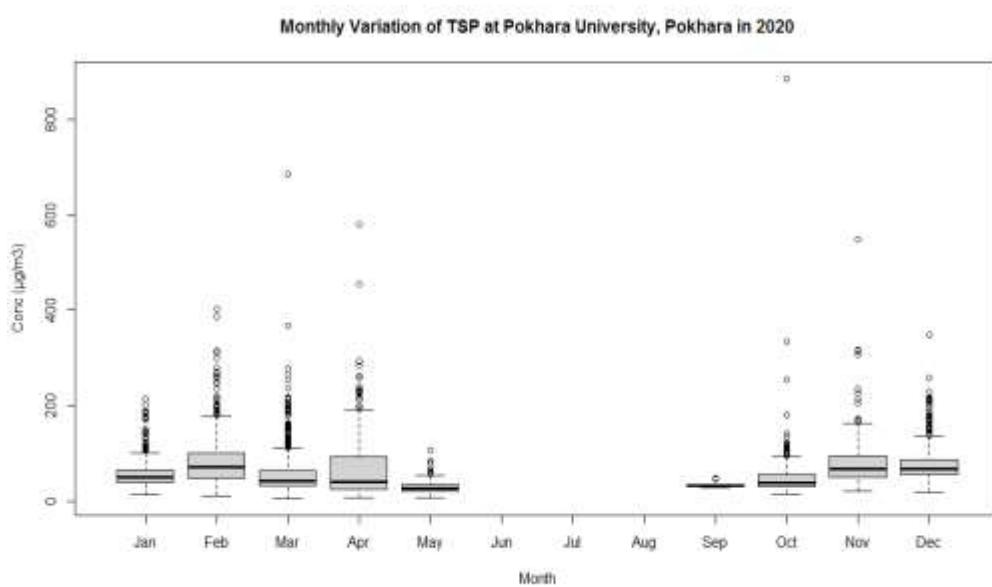


Figure 104: Monthly Variation of TSP.

Seasonal variation of average TSP concentration

Ambient concentration of average TSP during winter, pre-monsoon and post-monsoon as shown in the figure below. The concentration of TSP was found higher during winter ($62.95 \mu\text{g}/\text{m}^3$) and low during post-monsoon season ($49.7 \mu\text{g}/\text{m}^3$).

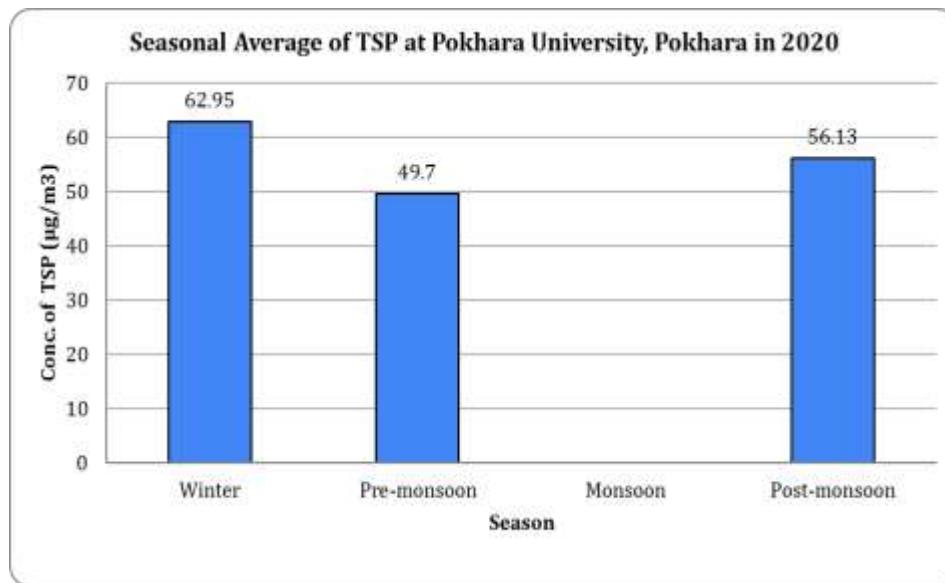


Figure 105: Seasonal variation of TSP

Diurnal variation of average TSP concentration

The diurnal variation of average TSP concentrations can be shown in the figure below. The variation in TSP concentrations was high at around 4-5 pm and low during morning time.

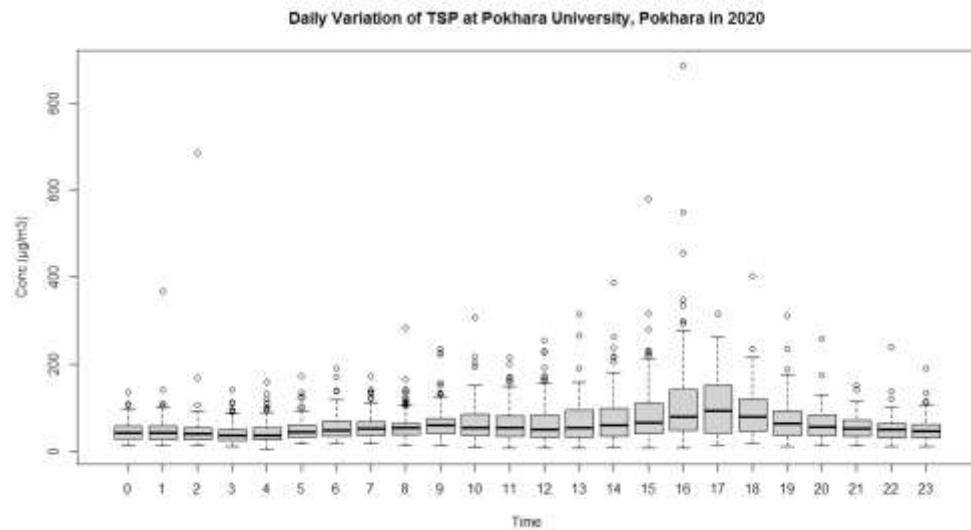


Figure 106: Diurnal Variation of TSP

Compliance status of TSP

The total days of TSP monitored in the year 2020 counts 216 of which none of the days exceed the NAAQS guideline.

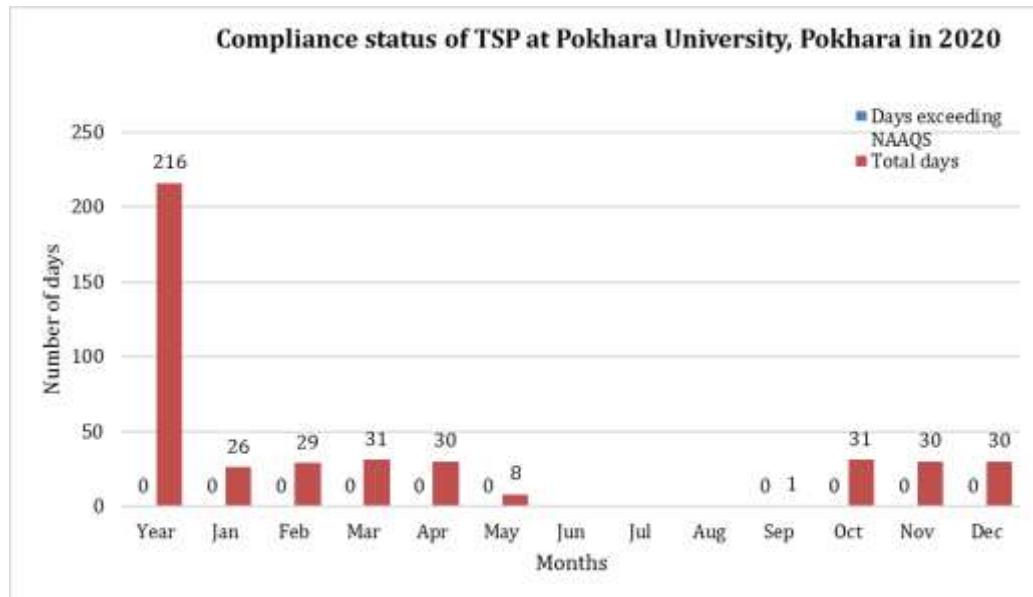


Figure 107: Compliance status of TSP

Annex

PM1

| Date | Value | Date | Value | Date | Value | Date | Value |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| 1/1/2017 | | 1/1/2018 | 39.95 | 1/1/2019 | 52.81 | 1/1/2020 | |
| 1/2/2017 | | 1/2/2018 | 35.53 | 1/2/2019 | 56.36 | 1/2/2020 | |
| 1/3/2017 | | 1/3/2018 | 36.35 | 1/3/2019 | 46.52 | 1/3/2020 | |
| 1/4/2017 | | 1/4/2018 | 36.07 | 1/4/2019 | 45.54 | 1/4/2020 | |
| 1/5/2017 | | 1/5/2018 | 36.99 | 1/5/2019 | 53.92 | 1/5/2020 | |
| 1/6/2017 | | 1/6/2018 | 41.49 | 1/6/2019 | 50.59 | 1/6/2020 | |
| 1/7/2017 | | 1/7/2018 | 39.90 | 1/7/2019 | 44.67 | 1/7/2020 | |
| 1/8/2017 | | 1/8/2018 | 44.21 | 1/8/2019 | 41.02 | 1/8/2020 | |
| 1/9/2017 | | 1/9/2018 | 52.05 | 1/9/2019 | 37.87 | 1/9/2020 | |
| 1/10/2017 | | 1/10/2018 | 57.65 | 1/10/2019 | 48.38 | 1/10/2020 | |
| 1/11/2017 | | 1/11/2018 | 48.24 | 1/11/2019 | 64.47 | 1/11/2020 | |
| 1/12/2017 | | 1/12/2018 | 46.22 | 1/12/2019 | 72.10 | 1/12/2020 | |
| 1/13/2017 | | 1/13/2018 | 43.85 | 1/13/2019 | 63.85 | 1/13/2020 | |
| 1/14/2017 | | 1/14/2018 | 53.38 | 1/14/2019 | 57.70 | 1/14/2020 | |
| 1/15/2017 | | 1/15/2018 | 53.61 | 1/15/2019 | 56.46 | 1/15/2020 | |
| 1/16/2017 | | 1/16/2018 | 45.44 | 1/16/2019 | 56.03 | 1/16/2020 | |
| 1/17/2017 | | 1/17/2018 | 44.87 | 1/17/2019 | 57.69 | 1/17/2020 | |
| 1/18/2017 | | 1/18/2018 | 41.12 | 1/18/2019 | 54.23 | 1/18/2020 | |
| 1/19/2017 | | 1/19/2018 | 45.06 | 1/19/2019 | 48.61 | 1/19/2020 | |
| 1/20/2017 | | 1/20/2018 | 46.19 | 1/20/2019 | 55.45 | 1/20/2020 | |
| 1/21/2017 | | 1/21/2018 | 44.27 | 1/21/2019 | 51.89 | 1/21/2020 | |
| 1/22/2017 | | 1/22/2018 | 51.48 | 1/22/2019 | 49.11 | 1/22/2020 | |
| 1/23/2017 | | 1/23/2018 | 48.80 | 1/23/2019 | 28.46 | 1/23/2020 | |
| 1/24/2017 | | 1/24/2018 | 35.81 | 1/24/2019 | 25.01 | 1/24/2020 | |
| 1/25/2017 | | 1/25/2018 | 33.71 | 1/25/2019 | 28.10 | 1/25/2020 | |
| 1/26/2017 | | 1/26/2018 | 36.08 | 1/26/2019 | 12.98 | 1/26/2020 | |
| 1/27/2017 | | 1/27/2018 | 45.66 | 1/27/2019 | 24.94 | 1/27/2020 | |
| 1/28/2017 | | 1/28/2018 | 60.11 | 1/28/2019 | 22.04 | 1/28/2020 | |

| | | | | | | | |
|-----------|--|-----------|-------|-----------|-------|-----------|-------|
| 1/29/2017 | | 1/29/2018 | 70.60 | 1/29/2019 | 27.02 | 1/29/2020 | |
| 1/30/2017 | | 1/30/2018 | 61.71 | 1/30/2019 | 28.91 | 1/30/2020 | |
| 1/31/2017 | | 1/31/2018 | 73.73 | 1/31/2019 | 40.46 | 1/31/2020 | |
| 2/1/2017 | | 2/1/2018 | 70.40 | 2/1/2019 | 45.54 | 2/1/2020 | |
| 2/2/2017 | | 2/2/2018 | 70.74 | 2/2/2019 | 40.97 | 2/2/2020 | |
| 2/3/2017 | | 2/3/2018 | 69.98 | 2/3/2019 | 42.78 | 2/3/2020 | |
| 2/4/2017 | | 2/4/2018 | 66.14 | 2/4/2019 | 43.42 | 2/4/2020 | |
| 2/5/2017 | | 2/5/2018 | 64.39 | 2/5/2019 | 47.24 | 2/5/2020 | |
| 2/6/2017 | | 2/6/2018 | 71.03 | 2/6/2019 | 56.36 | 2/6/2020 | |
| 2/7/2017 | | 2/7/2018 | 60.02 | 2/7/2019 | 39.17 | 2/7/2020 | |
| 2/8/2017 | | 2/8/2018 | 43.96 | 2/8/2019 | 14.77 | 2/8/2020 | |
| 2/9/2017 | | 2/9/2018 | 39.61 | 2/9/2019 | 9.56 | 2/9/2020 | |
| 2/10/2017 | | 2/10/2018 | 42.04 | 2/10/2019 | 20.76 | 2/10/2020 | |
| 2/11/2017 | | 2/11/2018 | 54.88 | 2/11/2019 | 23.72 | 2/11/2020 | |
| 2/12/2017 | | 2/12/2018 | 61.96 | 2/12/2019 | 33.23 | 2/12/2020 | |
| 2/13/2017 | | 2/13/2018 | 42.79 | 2/13/2019 | 33.71 | 2/13/2020 | |
| 2/14/2017 | | 2/14/2018 | 50.86 | 2/14/2019 | 44.17 | 2/14/2020 | |
| 2/15/2017 | | 2/15/2018 | 37.54 | 2/15/2019 | 19.66 | 2/15/2020 | |
| 2/16/2017 | | 2/16/2018 | 47.87 | 2/16/2019 | 12.69 | 2/16/2020 | |
| 2/17/2017 | | 2/17/2018 | 54.60 | 2/17/2019 | 17.52 | 2/17/2020 | |
| 2/18/2017 | | 2/18/2018 | 61.55 | 2/18/2019 | 32.54 | 2/18/2020 | |
| 2/19/2017 | | 2/19/2018 | 60.58 | 2/19/2019 | 36.62 | 2/19/2020 | |
| 2/20/2017 | | 2/20/2018 | 55.51 | 2/20/2019 | 28.31 | 2/20/2020 | |
| 2/21/2017 | | 2/21/2018 | 56.50 | 2/21/2019 | 33.33 | 2/21/2020 | |
| 2/22/2017 | | 2/22/2018 | 43.96 | 2/22/2019 | 37.11 | 2/22/2020 | |
| 2/23/2017 | | 2/23/2018 | 45.76 | 2/23/2019 | 37.74 | 2/23/2020 | |
| 2/24/2017 | | 2/24/2018 | 58.15 | 2/24/2019 | 41.56 | 2/24/2020 | |
| 2/25/2017 | | 2/25/2018 | 59.09 | 2/25/2019 | 18.13 | 2/25/2020 | |
| 2/26/2017 | | 2/26/2018 | 31.93 | 2/26/2019 | 16.62 | 2/26/2020 | |
| 2/27/2017 | | 2/27/2018 | 44.16 | 2/27/2019 | 18.31 | 2/27/2020 | |
| 2/28/2017 | | 2/28/2018 | 52.15 | 2/28/2019 | 14.50 | 2/28/2020 | 25.13 |
| 3/1/2017 | | 3/1/2018 | 53.09 | 3/1/2019 | 17.94 | 2/29/2020 | 27.60 |

| | | | | | | | |
|-----------|--|-----------|-------|-----------|-------|-----------|-------|
| 3/2/2017 | | 3/2/2018 | 37.60 | 3/2/2019 | 26.53 | 3/1/2020 | 28.52 |
| 3/3/2017 | | 3/3/2018 | 28.48 | 3/3/2019 | 28.36 | 3/2/2020 | 24.71 |
| 3/4/2017 | | 3/4/2018 | 38.09 | 3/4/2019 | 26.97 | 3/3/2020 | 21.00 |
| 3/5/2017 | | 3/5/2018 | 37.01 | 3/5/2019 | 28.80 | 3/4/2020 | 15.07 |
| 3/6/2017 | | 3/6/2018 | 24.11 | 3/6/2019 | 24.07 | 3/5/2020 | 22.95 |
| 3/7/2017 | | 3/7/2018 | 29.26 | 3/7/2019 | 34.06 | 3/6/2020 | 28.33 |
| 3/8/2017 | | 3/8/2018 | 34.72 | 3/8/2019 | 31.34 | 3/7/2020 | 20.63 |
| 3/9/2017 | | 3/9/2018 | 26.28 | 3/9/2019 | 27.42 | 3/8/2020 | 20.88 |
| 3/10/2017 | | 3/10/2018 | 26.52 | 3/10/2019 | | 3/9/2020 | 24.22 |
| 3/11/2017 | | 3/11/2018 | 38.00 | 3/11/2019 | | 3/10/2020 | 36.47 |
| 3/12/2017 | | 3/12/2018 | 42.67 | 3/12/2019 | 24.26 | 3/11/2020 | 39.93 |
| 3/13/2017 | | 3/13/2018 | 48.80 | 3/13/2019 | 27.38 | 3/12/2020 | 31.60 |
| 3/14/2017 | | 3/14/2018 | 52.12 | 3/14/2019 | 29.16 | 3/13/2020 | 37.45 |
| 3/15/2017 | | 3/15/2018 | 43.95 | 3/15/2019 | 21.71 | 3/14/2020 | 21.94 |
| 3/16/2017 | | 3/16/2018 | 16.71 | 3/16/2019 | 25.81 | 3/15/2020 | 13.22 |
| 3/17/2017 | | 3/17/2018 | 18.30 | 3/17/2019 | 36.08 | 3/16/2020 | 20.79 |
| 3/18/2017 | | 3/18/2018 | 24.58 | 3/18/2019 | 34.03 | 3/17/2020 | 23.84 |
| 3/19/2017 | | 3/19/2018 | 37.86 | 3/19/2019 | 26.94 | 3/18/2020 | 30.68 |
| 3/20/2017 | | 3/20/2018 | 45.91 | 3/20/2019 | 26.62 | 3/19/2020 | 29.88 |
| 3/21/2017 | | 3/21/2018 | 54.50 | 3/21/2019 | 20.38 | 3/20/2020 | 26.37 |
| 3/22/2017 | | 3/22/2018 | 33.33 | 3/22/2019 | 21.71 | 3/21/2020 | 25.81 |
| 3/23/2017 | | 3/23/2018 | 27.68 | 3/23/2019 | 28.08 | 3/22/2020 | 23.26 |
| 3/24/2017 | | 3/24/2018 | 36.59 | 3/24/2019 | 50.68 | 3/23/2020 | 17.52 |
| 3/25/2017 | | 3/25/2018 | 44.54 | 3/25/2019 | 57.14 | 3/24/2020 | 23.40 |
| 3/26/2017 | | 3/26/2018 | 43.18 | 3/26/2019 | 26.55 | 3/25/2020 | 26.12 |
| 3/27/2017 | | 3/27/2018 | 76.19 | 3/27/2019 | 13.72 | 3/26/2020 | 28.99 |
| 3/28/2017 | | 3/28/2018 | 84.97 | 3/28/2019 | 20.18 | 3/27/2020 | 33.67 |
| 3/29/2017 | | 3/29/2018 | 34.71 | 3/29/2019 | 36.86 | 3/28/2020 | 20.29 |
| 3/30/2017 | | 3/30/2018 | 24.62 | 3/30/2019 | 54.90 | 3/29/2020 | 22.52 |
| 3/31/2017 | | 3/31/2018 | 22.57 | 3/31/2019 | 37.70 | 3/30/2020 | 24.39 |
| 4/1/2017 | | 4/1/2018 | 30.34 | 4/1/2019 | 13.05 | 3/31/2020 | 35.11 |
| 4/2/2017 | | 4/2/2018 | 32.05 | 4/2/2019 | 17.75 | 4/1/2020 | 37.24 |

| | | | | | | | |
|-----------|--|-----------|-------|-----------|-------|-----------|-------|
| 4/3/2017 | | 4/3/2018 | 43.43 | 4/3/2019 | 31.50 | 4/2/2020 | 15.70 |
| 4/4/2017 | | 4/4/2018 | 38.83 | 4/4/2019 | 40.87 | 4/3/2020 | 20.95 |
| 4/5/2017 | | 4/5/2018 | 24.18 | 4/5/2019 | 54.31 | 4/4/2020 | 25.46 |
| 4/6/2017 | | 4/6/2018 | 24.60 | 4/6/2019 | 31.05 | 4/5/2020 | 31.72 |
| 4/7/2017 | | 4/7/2018 | 18.79 | 4/7/2019 | 14.77 | 4/6/2020 | 40.70 |
| 4/8/2017 | | 4/8/2018 | 20.43 | 4/8/2019 | 13.75 | 4/7/2020 | 53.70 |
| 4/9/2017 | | 4/9/2018 | 25.13 | 4/9/2019 | 15.45 | 4/8/2020 | 62.21 |
| 4/10/2017 | | 4/10/2018 | 23.90 | 4/10/2019 | 19.07 | 4/9/2020 | 73.24 |
| 4/11/2017 | | 4/11/2018 | 22.92 | 4/11/2019 | 20.00 | 4/10/2020 | 71.16 |
| 4/12/2017 | | 4/12/2018 | 13.09 | 4/12/2019 | 25.09 | 4/11/2020 | 97.96 |
| 4/13/2017 | | 4/13/2018 | 11.91 | 4/13/2019 | 23.45 | 4/12/2020 | 68.32 |
| 4/14/2017 | | 4/14/2018 | | 4/14/2019 | 19.63 | 4/13/2020 | 65.27 |
| 4/15/2017 | | 4/15/2018 | | 4/15/2019 | 18.81 | 4/14/2020 | 25.31 |
| 4/16/2017 | | 4/16/2018 | | 4/16/2019 | 18.20 | 4/15/2020 | 11.45 |
| 4/17/2017 | | 4/17/2018 | | 4/17/2019 | 15.27 | 4/16/2020 | 16.40 |
| 4/18/2017 | | 4/18/2018 | | 4/18/2019 | 11.11 | 4/17/2020 | 22.74 |
| 4/19/2017 | | 4/19/2018 | | 4/19/2019 | 13.47 | 4/18/2020 | 19.63 |
| 4/20/2017 | | 4/20/2018 | | 4/20/2019 | 18.26 | 4/19/2020 | 16.07 |
| 4/21/2017 | | 4/21/2018 | | 4/21/2019 | 33.84 | 4/20/2020 | 12.93 |
| 4/22/2017 | | 4/22/2018 | | 4/22/2019 | 27.87 | 4/21/2020 | 10.88 |
| 4/23/2017 | | 4/23/2018 | | 4/23/2019 | 34.33 | 4/22/2020 | 11.51 |
| 4/24/2017 | | 4/24/2018 | | 4/24/2019 | 31.03 | 4/23/2020 | 18.30 |
| 4/25/2017 | | 4/25/2018 | | 4/25/2019 | 29.91 | 4/24/2020 | 17.96 |
| 4/26/2017 | | 4/26/2018 | | 4/26/2019 | 27.02 | 4/25/2020 | 18.74 |
| 4/27/2017 | | 4/27/2018 | | 4/27/2019 | 28.72 | 4/26/2020 | 16.46 |
| 4/28/2017 | | 4/28/2018 | | 4/28/2019 | 25.04 | 4/27/2020 | 13.23 |
| 4/29/2017 | | 4/29/2018 | | 4/29/2019 | 30.90 | 4/28/2020 | 11.29 |
| 4/30/2017 | | 4/30/2018 | | 4/30/2019 | 27.52 | 4/29/2020 | 12.68 |
| 5/1/2017 | | 5/1/2018 | | 5/1/2019 | 22.40 | 4/30/2020 | 11.61 |
| 5/2/2017 | | 5/2/2018 | | 5/2/2019 | 16.75 | 5/1/2020 | 12.29 |
| 5/3/2017 | | 5/3/2018 | | 5/3/2019 | 19.26 | 5/2/2020 | 13.57 |
| 5/4/2017 | | 5/4/2018 | | 5/4/2019 | 16.44 | 5/3/2020 | 12.50 |

| | | | | | | | |
|-----------|--|-----------|--|-----------|-------|-----------|-------|
| 5/5/2017 | | 5/5/2018 | | 5/5/2019 | 14.62 | 5/4/2020 | 8.75 |
| 5/6/2017 | | 5/6/2018 | | 5/6/2019 | 21.76 | 5/5/2020 | 12.31 |
| 5/7/2017 | | 5/7/2018 | | 5/7/2019 | 31.27 | 5/6/2020 | 8.52 |
| 5/8/2017 | | 5/8/2018 | | 5/8/2019 | 47.58 | 5/7/2020 | 11.62 |
| 5/9/2017 | | 5/9/2018 | | 5/9/2019 | 51.01 | 5/8/2020 | 12.09 |
| 5/10/2017 | | 5/10/2018 | | 5/10/2019 | 49.58 | 5/9/2020 | |
| 5/11/2017 | | 5/11/2018 | | 5/11/2019 | 36.84 | 5/10/2020 | |
| 5/12/2017 | | 5/12/2018 | | 5/12/2019 | 22.78 | 5/11/2020 | |
| 5/13/2017 | | 5/13/2018 | | 5/13/2019 | 23.90 | 5/12/2020 | |
| 5/14/2017 | | 5/14/2018 | | 5/14/2019 | 23.46 | 5/13/2020 | |
| 5/15/2017 | | 5/15/2018 | | 5/15/2019 | 23.03 | 5/14/2020 | |
| 5/16/2017 | | 5/16/2018 | | 5/16/2019 | 28.80 | 5/15/2020 | |
| 5/17/2017 | | 5/17/2018 | | 5/17/2019 | 21.51 | 5/16/2020 | |
| 5/18/2017 | | 5/18/2018 | | 5/18/2019 | 17.77 | 5/17/2020 | |
| 5/19/2017 | | 5/19/2018 | | 5/19/2019 | 15.89 | 5/18/2020 | |
| 5/20/2017 | | 5/20/2018 | | 5/20/2019 | 24.39 | 5/19/2020 | |
| 5/21/2017 | | 5/21/2018 | | 5/21/2019 | 27.28 | 5/20/2020 | |
| 5/22/2017 | | 5/22/2018 | | 5/22/2019 | | 5/21/2020 | |
| 5/23/2017 | | 5/23/2018 | | 5/23/2019 | | 5/22/2020 | |
| 5/24/2017 | | 5/24/2018 | | 5/24/2019 | | 5/23/2020 | |
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| 6/20/2017 | | 6/20/2018 | | 6/20/2019 | 9.09 | 6/19/2020 | |
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| 6/22/2017 | | 6/22/2018 | | 6/22/2019 | 5.45 | 6/21/2020 | |
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| 7/6/2017 | | 7/6/2018 | | 7/6/2019 | 2.98 | 7/5/2020 | |
| 7/7/2017 | | 7/7/2018 | | 7/7/2019 | 3.52 | 7/6/2020 | |

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| 7/26/2017 | | 7/26/2018 | | 7/26/2019 | 3.99 | 7/25/2020 | |
| 7/27/2017 | | 7/27/2018 | | 7/27/2019 | 3.87 | 7/26/2020 | |
| 7/28/2017 | | 7/28/2018 | 5.90 | 7/28/2019 | 4.09 | 7/27/2020 | |
| 7/29/2017 | | 7/29/2018 | 3.96 | 7/29/2019 | 4.94 | 7/28/2020 | |
| 7/30/2017 | | 7/30/2018 | 6.80 | 7/30/2019 | 4.57 | 7/29/2020 | |
| 7/31/2017 | | 7/31/2018 | 8.40 | 7/31/2019 | 5.32 | 7/30/2020 | |
| 8/1/2017 | | 8/1/2018 | 4.86 | 8/1/2019 | 5.65 | 7/31/2020 | |
| 8/2/2017 | | 8/2/2018 | 4.83 | 8/2/2019 | 6.59 | 8/1/2020 | |
| 8/3/2017 | | 8/3/2018 | 3.81 | 8/3/2019 | 4.74 | 8/2/2020 | |
| 8/4/2017 | | 8/4/2018 | 4.63 | 8/4/2019 | 6.55 | 8/3/2020 | |
| 8/5/2017 | | 8/5/2018 | 5.77 | 8/5/2019 | 5.09 | 8/4/2020 | |
| 8/6/2017 | | 8/6/2018 | 7.09 | 8/6/2019 | 3.94 | 8/5/2020 | |
| 8/7/2017 | | 8/7/2018 | 4.30 | 8/7/2019 | 3.41 | 8/6/2020 | |
| 8/8/2017 | | 8/8/2018 | 4.92 | 8/8/2019 | 3.69 | 8/7/2020 | |

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| 8/9/2017 | | 8/9/2018 | 8.10 | 8/9/2019 | 3.57 | 8/8/2020 | |
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| 8/11/2017 | | 8/11/2018 | 6.01 | 8/11/2019 | 3.93 | 8/10/2020 | |
| 8/12/2017 | | 8/12/2018 | 7.78 | 8/12/2019 | 4.12 | 8/11/2020 | |
| 8/13/2017 | | 8/13/2018 | 5.82 | 8/13/2019 | 4.10 | 8/12/2020 | |
| 8/14/2017 | | 8/14/2018 | 8.88 | 8/14/2019 | 4.42 | 8/13/2020 | |
| 8/15/2017 | | 8/15/2018 | 5.86 | 8/15/2019 | 5.20 | 8/14/2020 | |
| 8/16/2017 | 4.22 | 8/16/2018 | 3.66 | 8/16/2019 | 5.97 | 8/15/2020 | |
| 8/17/2017 | 6.97 | 8/17/2018 | 5.04 | 8/17/2019 | 7.06 | 8/16/2020 | |
| 8/18/2017 | 9.07 | 8/18/2018 | 4.85 | 8/18/2019 | 5.79 | 8/17/2020 | |
| 8/19/2017 | 5.69 | 8/19/2018 | 4.04 | 8/19/2019 | 4.07 | 8/18/2020 | |
| 8/20/2017 | 6.26 | 8/20/2018 | 7.45 | 8/20/2019 | 6.34 | 8/19/2020 | |
| 8/21/2017 | 7.81 | 8/21/2018 | 5.69 | 8/21/2019 | 7.08 | 8/20/2020 | |
| 8/22/2017 | 7.25 | 8/22/2018 | 4.16 | 8/22/2019 | 4.82 | 8/21/2020 | |
| 8/23/2017 | 7.56 | 8/23/2018 | 5.61 | 8/23/2019 | 6.95 | 8/22/2020 | |
| 8/24/2017 | 6.11 | 8/24/2018 | 5.00 | 8/24/2019 | 3.47 | 8/23/2020 | |
| 8/25/2017 | 6.53 | 8/25/2018 | 5.78 | 8/25/2019 | 5.04 | 8/24/2020 | |
| 8/26/2017 | 7.09 | 8/26/2018 | 8.94 | 8/26/2019 | 4.48 | 8/25/2020 | |
| 8/27/2017 | 6.97 | 8/27/2018 | 4.23 | 8/27/2019 | 5.42 | 8/26/2020 | |
| 8/28/2017 | 4.16 | 8/28/2018 | 4.46 | 8/28/2019 | 7.46 | 8/27/2020 | |
| 8/29/2017 | 5.98 | 8/29/2018 | 3.70 | 8/29/2019 | 7.62 | 8/28/2020 | |
| 8/30/2017 | 7.34 | 8/30/2018 | 5.50 | 8/30/2019 | 8.70 | 8/29/2020 | |
| 8/31/2017 | 6.31 | 8/31/2018 | 5.19 | 8/31/2019 | 7.91 | 8/30/2020 | |
| 9/1/2017 | 5.91 | 9/1/2018 | 7.00 | 9/1/2019 | 6.10 | 8/31/2020 | |
| 9/2/2017 | 3.91 | 9/2/2018 | 6.26 | 9/2/2019 | 7.73 | 9/1/2020 | |
| 9/3/2017 | 3.65 | 9/3/2018 | 4.42 | 9/3/2019 | | 9/2/2020 | |
| 9/4/2017 | 5.83 | 9/4/2018 | 7.69 | 9/4/2019 | | 9/3/2020 | |
| 9/5/2017 | 11.19 | 9/5/2018 | 11.64 | 9/5/2019 | | 9/4/2020 | |
| 9/6/2017 | 16.01 | 9/6/2018 | 10.66 | 9/6/2019 | | 9/5/2020 | |
| 9/7/2017 | 14.58 | 9/7/2018 | 4.51 | 9/7/2019 | | 9/6/2020 | |
| 9/8/2017 | 12.18 | 9/8/2018 | 7.74 | 9/8/2019 | | 9/7/2020 | |
| 9/9/2017 | 12.77 | 9/9/2018 | 7.62 | 9/9/2019 | | 9/8/2020 | |

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| 9/10/2017 | 13.44 | 9/10/2018 | 6.06 | 9/10/2019 | | 9/9/2020 | |
| 9/11/2017 | 8.68 | 9/11/2018 | 6.60 | 9/11/2019 | | 9/10/2020 | |
| 9/12/2017 | 9.58 | 9/12/2018 | 5.63 | 9/12/2019 | | 9/11/2020 | |
| 9/13/2017 | 10.01 | 9/13/2018 | 5.56 | 9/13/2019 | | 9/12/2020 | |
| 9/14/2017 | 14.86 | 9/14/2018 | 7.77 | 9/14/2019 | | 9/13/2020 | |
| 9/15/2017 | 18.05 | 9/15/2018 | 8.68 | 9/15/2019 | | 9/14/2020 | |
| 9/16/2017 | 14.74 | 9/16/2018 | 8.28 | 9/16/2019 | | 9/15/2020 | |
| 9/17/2017 | 14.36 | 9/17/2018 | 9.75 | 9/17/2019 | | 9/16/2020 | |
| 9/18/2017 | 6.28 | 9/18/2018 | 10.87 | 9/18/2019 | | 9/17/2020 | |
| 9/19/2017 | 8.38 | 9/19/2018 | 12.65 | 9/19/2019 | | 9/18/2020 | |
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| 9/21/2017 | 6.37 | 9/21/2018 | 8.39 | 9/21/2019 | | 9/20/2020 | |
| 9/22/2017 | 10.75 | 9/22/2018 | 6.79 | 9/22/2019 | | 9/21/2020 | |
| 9/23/2017 | 10.80 | 9/23/2018 | 9.15 | 9/23/2019 | | 9/22/2020 | |
| 9/24/2017 | 12.29 | 9/24/2018 | 10.07 | 9/24/2019 | | 9/23/2020 | |
| 9/25/2017 | 17.72 | 9/25/2018 | 13.79 | 9/25/2019 | | 9/24/2020 | |
| 9/26/2017 | 20.23 | 9/26/2018 | 15.95 | 9/26/2019 | | 9/25/2020 | |
| 9/27/2017 | 18.01 | 9/27/2018 | 14.03 | 9/27/2019 | | 9/26/2020 | |
| 9/28/2017 | 20.83 | 9/28/2018 | 14.35 | 9/28/2019 | | 9/27/2020 | |
| 9/29/2017 | 19.24 | 9/29/2018 | 16.65 | 9/29/2019 | | 9/28/2020 | |
| 9/30/2017 | 6.18 | 9/30/2018 | 19.07 | 9/30/2019 | | 9/29/2020 | |
| 10/1/2017 | 8.03 | 10/1/2018 | 20.45 | 10/1/2019 | | 9/30/2020 | 17.85 |
| 10/2/2017 | 8.73 | 10/2/2018 | 19.00 | 10/2/2019 | | 10/1/2020 | 19.52 |
| 10/3/2017 | 10.50 | 10/3/2018 | 17.12 | 10/3/2019 | | 10/2/2020 | 21.31 |
| 10/4/2017 | 12.09 | 10/4/2018 | 18.45 | 10/4/2019 | | 10/3/2020 | 15.39 |
| 10/5/2017 | 10.58 | 10/5/2018 | 18.23 | 10/5/2019 | | 10/4/2020 | 13.36 |
| 10/6/2017 | 9.18 | 10/6/2018 | 14.44 | 10/6/2019 | | 10/5/2020 | 16.34 |
| 10/7/2017 | 9.45 | 10/7/2018 | 14.12 | 10/7/2019 | | 10/6/2020 | 14.26 |
| 10/8/2017 | 11.69 | 10/8/2018 | 16.09 | 10/8/2019 | | 10/7/2020 | 14.09 |
| 10/9/2017 | 16.91 | 10/9/2018 | 19.82 | 10/9/2019 | | 10/8/2020 | 13.06 |
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| 10/11/2017 | 7.58 | 10/11/2018 | 24.47 | 10/11/2019 | | 10/10/2020 | 12.63 |

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| 10/12/2017 | 8.49 | 10/12/2018 | 16.14 | 10/12/2019 | | 10/11/2020 | 12.79 |
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| 10/14/2017 | 16.61 | 10/14/2018 | 14.78 | 10/14/2019 | | 10/13/2020 | 15.40 |
| 10/15/2017 | 34.79 | 10/15/2018 | 25.77 | 10/15/2019 | | 10/14/2020 | 14.89 |
| 10/16/2017 | 38.18 | 10/16/2018 | 31.26 | 10/16/2019 | | 10/15/2020 | 15.10 |
| 10/17/2017 | 29.48 | 10/17/2018 | 39.75 | 10/17/2019 | | 10/16/2020 | 15.72 |
| 10/18/2017 | 25.73 | 10/18/2018 | 32.74 | 10/18/2019 | | 10/17/2020 | 16.06 |
| 10/19/2017 | 18.19 | 10/19/2018 | 27.78 | 10/19/2019 | | 10/18/2020 | 16.63 |
| 10/20/2017 | 19.21 | 10/20/2018 | 29.51 | 10/20/2019 | | 10/19/2020 | 20.57 |
| 10/21/2017 | 14.67 | 10/21/2018 | 28.30 | 10/21/2019 | | 10/20/2020 | 19.45 |
| 10/22/2017 | 17.26 | 10/22/2018 | 26.35 | 10/22/2019 | | 10/21/2020 | 28.28 |
| 10/23/2017 | 32.18 | 10/23/2018 | 24.67 | 10/23/2019 | | 10/22/2020 | 26.92 |
| 10/24/2017 | 33.30 | 10/24/2018 | 26.23 | 10/24/2019 | 17.70 | 10/23/2020 | 23.31 |
| 10/25/2017 | 32.75 | 10/25/2018 | 25.59 | 10/25/2019 | 27.01 | 10/24/2020 | 22.22 |
| 10/26/2017 | 34.89 | 10/26/2018 | 24.67 | 10/26/2019 | 24.89 | 10/25/2020 | 21.39 |
| 10/27/2017 | 34.94 | 10/27/2018 | 23.65 | 10/27/2019 | 21.55 | 10/26/2020 | 16.68 |
| 10/28/2017 | 36.82 | 10/28/2018 | 23.67 | 10/28/2019 | 26.04 | 10/27/2020 | 16.61 |
| 10/29/2017 | 31.85 | 10/29/2018 | 21.92 | 10/29/2019 | 25.72 | 10/28/2020 | 14.30 |
| 10/30/2017 | 26.08 | 10/30/2018 | 22.53 | 10/30/2019 | 23.27 | 10/29/2020 | 15.29 |
| 10/31/2017 | 28.17 | 10/31/2018 | 24.19 | 10/31/2019 | 20.88 | 10/30/2020 | 12.88 |
| 11/1/2017 | 21.60 | 11/1/2018 | 25.00 | 11/1/2019 | 27.20 | 10/31/2020 | 10.08 |
| 11/2/2017 | 21.88 | 11/2/2018 | 23.72 | 11/2/2019 | 31.04 | 11/1/2020 | 11.38 |
| 11/3/2017 | 25.58 | 11/3/2018 | 23.00 | 11/3/2019 | 26.19 | 11/2/2020 | 14.96 |
| 11/4/2017 | 25.36 | 11/4/2018 | 30.25 | 11/4/2019 | 18.39 | 11/3/2020 | 23.67 |
| 11/5/2017 | 21.66 | 11/5/2018 | 27.17 | 11/5/2019 | 20.11 | 11/4/2020 | 24.67 |
| 11/6/2017 | 22.43 | 11/6/2018 | 27.30 | 11/6/2019 | 24.96 | 11/5/2020 | 45.99 |
| 11/7/2017 | 25.61 | 11/7/2018 | 32.85 | 11/7/2019 | 30.57 | 11/6/2020 | 45.40 |
| 11/8/2017 | 24.77 | 11/8/2018 | 37.66 | 11/8/2019 | 30.65 | 11/7/2020 | 44.05 |
| 11/9/2017 | 31.78 | 11/9/2018 | 34.16 | 11/9/2019 | 20.20 | 11/8/2020 | 34.57 |
| 11/10/2017 | 24.35 | 11/10/2018 | 31.35 | 11/10/2019 | 21.74 | 11/9/2020 | 25.55 |
| 11/11/2017 | 30.40 | 11/11/2018 | 31.79 | 11/11/2019 | 22.49 | 11/10/2020 | 22.73 |
| 11/12/2017 | 32.69 | 11/12/2018 | 39.53 | 11/12/2019 | 28.91 | 11/11/2020 | 20.46 |

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| 11/13/2017 | 27.38 | 11/13/2018 | 33.75 | 11/13/2019 | 32.04 | 11/12/2020 | 18.45 |
| 11/14/2017 | 28.28 | 11/14/2018 | 33.43 | 11/14/2019 | 29.68 | 11/13/2020 | 21.43 |
| 11/15/2017 | 29.46 | 11/15/2018 | 38.36 | 11/15/2019 | 24.00 | 11/14/2020 | 20.94 |
| 11/16/2017 | 28.96 | 11/16/2018 | 49.72 | 11/16/2019 | | 11/15/2020 | 19.38 |
| 11/17/2017 | 24.73 | 11/17/2018 | 47.58 | 11/17/2019 | | 11/16/2020 | 40.60 |
| 11/18/2017 | 26.24 | 11/18/2018 | 50.62 | 11/18/2019 | | 11/17/2020 | 16.43 |
| 11/19/2017 | 29.41 | 11/19/2018 | 55.90 | 11/19/2019 | | 11/18/2020 | 18.14 |
| 11/20/2017 | 30.95 | 11/20/2018 | 56.33 | 11/20/2019 | | 11/19/2020 | 20.01 |
| 11/21/2017 | 36.62 | 11/21/2018 | 66.40 | 11/21/2019 | | 11/20/2020 | 23.08 |
| 11/22/2017 | 31.98 | 11/22/2018 | 76.31 | 11/22/2019 | | 11/21/2020 | 27.45 |
| 11/23/2017 | 32.56 | 11/23/2018 | 58.04 | 11/23/2019 | | 11/22/2020 | 34.03 |
| 11/24/2017 | 35.10 | 11/24/2018 | 43.59 | 11/24/2019 | | 11/23/2020 | 36.65 |
| 11/25/2017 | 40.88 | 11/25/2018 | 45.83 | 11/25/2019 | | 11/24/2020 | 34.63 |
| 11/26/2017 | 38.84 | 11/26/2018 | 39.30 | 11/26/2019 | | 11/25/2020 | 39.76 |
| 11/27/2017 | 39.41 | 11/27/2018 | 38.24 | 11/27/2019 | | 11/26/2020 | 34.85 |
| 11/28/2017 | 42.72 | 11/28/2018 | 43.86 | 11/28/2019 | | 11/27/2020 | 40.73 |
| 11/29/2017 | 65.93 | 11/29/2018 | 42.26 | 11/29/2019 | | 11/28/2020 | 29.67 |
| 11/30/2017 | 57.58 | 11/30/2018 | 35.28 | 11/30/2019 | | 11/29/2020 | 29.97 |
| 12/1/2017 | 51.12 | 12/1/2018 | 32.27 | 12/1/2019 | | 11/30/2020 | 29.96 |
| 12/2/2017 | 44.32 | 12/2/2018 | 41.92 | 12/2/2019 | | 12/1/2020 | 25.56 |
| 12/3/2017 | 39.34 | 12/3/2018 | 44.97 | 12/3/2019 | | 12/2/2020 | 23.74 |
| 12/4/2017 | 37.58 | 12/4/2018 | 43.23 | 12/4/2019 | | 12/3/2020 | 25.25 |
| 12/5/2017 | 49.27 | 12/5/2018 | 46.01 | 12/5/2019 | | 12/4/2020 | 28.99 |
| 12/6/2017 | 42.83 | 12/6/2018 | 40.66 | 12/6/2019 | | 12/5/2020 | 38.76 |
| 12/7/2017 | 33.86 | 12/7/2018 | 41.30 | 12/7/2019 | | 12/6/2020 | 38.23 |
| 12/8/2017 | 42.69 | 12/8/2018 | 45.70 | 12/8/2019 | | 12/7/2020 | 45.02 |
| 12/9/2017 | 37.82 | 12/9/2018 | 46.24 | 12/9/2019 | | 12/8/2020 | 52.76 |
| 12/10/2017 | 33.47 | 12/10/2018 | 37.06 | 12/10/2019 | | 12/9/2020 | 60.51 |
| 12/11/2017 | 36.74 | 12/11/2018 | 33.07 | 12/11/2019 | | 12/10/2020 | 50.58 |
| 12/12/2017 | 38.87 | 12/12/2018 | 35.86 | 12/12/2019 | | 12/11/2020 | 39.14 |
| 12/13/2017 | 33.52 | 12/13/2018 | 30.85 | 12/13/2019 | | 12/12/2020 | 40.87 |
| 12/14/2017 | 37.50 | 12/14/2018 | 32.98 | 12/14/2019 | | 12/13/2020 | 35.98 |

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|------------|-------|------------|-------|------------|-------|------------|-------|
| 12/15/2017 | 37.22 | 12/15/2018 | 33.38 | 12/15/2019 | | 12/14/2020 | 32.59 |
| 12/16/2017 | 40.00 | 12/16/2018 | 35.81 | 12/16/2019 | | 12/15/2020 | 32.29 |
| 12/17/2017 | 45.66 | 12/17/2018 | 43.13 | 12/17/2019 | | 12/16/2020 | 36.24 |
| 12/18/2017 | 45.19 | 12/18/2018 | 55.51 | 12/18/2019 | 46.21 | 12/17/2020 | 30.53 |
| 12/19/2017 | 40.90 | 12/19/2018 | 74.41 | 12/19/2019 | 47.40 | 12/18/2020 | 42.74 |
| 12/20/2017 | 43.01 | 12/20/2018 | 72.56 | 12/20/2019 | 50.41 | 12/19/2020 | 50.46 |
| 12/21/2017 | 40.66 | 12/21/2018 | 66.79 | 12/21/2019 | 49.91 | 12/20/2020 | 52.48 |
| 12/22/2017 | 36.32 | 12/22/2018 | 65.86 | 12/22/2019 | 50.07 | 12/21/2020 | 48.84 |
| 12/23/2017 | 35.70 | 12/23/2018 | 54.93 | 12/23/2019 | 56.93 | 12/22/2020 | 47.80 |
| 12/24/2017 | 39.00 | 12/24/2018 | 47.96 | 12/24/2019 | 49.15 | 12/23/2020 | 49.66 |
| 12/25/2017 | 42.93 | 12/25/2018 | 45.85 | 12/25/2019 | 51.10 | 12/24/2020 | 46.55 |
| 12/26/2017 | 43.86 | 12/26/2018 | 46.79 | 12/26/2019 | 57.37 | 12/25/2020 | 46.22 |
| 12/27/2017 | 41.46 | 12/27/2018 | 49.88 | 12/27/2019 | 55.69 | 12/26/2020 | 48.81 |
| 12/28/2017 | 45.93 | 12/28/2018 | 57.04 | 12/28/2019 | 54.49 | 12/27/2020 | 48.96 |
| 12/29/2017 | 50.39 | 12/29/2018 | 53.73 | 12/29/2019 | 58.44 | 12/28/2020 | 48.33 |
| 12/30/2017 | 42.65 | 12/30/2018 | 50.56 | 12/30/2019 | 50.29 | 12/29/2020 | 48.78 |
| 12/31/2017 | 39.86 | 12/31/2018 | 49.63 | 12/31/2019 | 57.07 | 12/30/2020 | 52.23 |
| | | | | | | 12/31/2020 | 52.37 |

PM2.5

| Date | Value | Date | Value | Date | Value | Date | Value |
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| 1/1/2017 | | 1/1/2018 | 46.04 | 1/1/2019 | 57.57 | 1/1/2020 | |
| 1/2/2017 | | 1/2/2018 | 40.71 | 1/2/2019 | 62.32 | 1/2/2020 | |
| 1/3/2017 | | 1/3/2018 | 41.76 | 1/3/2019 | 50.98 | 1/3/2020 | |
| 1/4/2017 | | 1/4/2018 | 41.56 | 1/4/2019 | 50.38 | 1/4/2020 | |
| 1/5/2017 | | 1/5/2018 | 43.08 | 1/5/2019 | 58.96 | 1/5/2020 | |
| 1/6/2017 | | 1/6/2018 | 46.90 | 1/6/2019 | 55.84 | 1/6/2020 | 41.94 |
| 1/7/2017 | | 1/7/2018 | 45.48 | 1/7/2019 | 49.26 | 1/7/2020 | 41.98 |
| 1/8/2017 | | 1/8/2018 | 51.11 | 1/8/2019 | 45.57 | 1/8/2020 | 50.17 |
| 1/9/2017 | | 1/9/2018 | 61.71 | 1/9/2019 | 42.38 | 1/9/2020 | 39.96 |
| 1/10/2017 | | 1/10/2018 | 65.55 | 1/10/2019 | 52.89 | 1/10/2020 | 39.49 |

| | | | | | | | |
|-----------|--|-----------|-------|-----------|-------|-----------|-------|
| 1/11/2017 | | 1/11/2018 | 54.35 | 1/11/2019 | 69.80 | 1/11/2020 | 43.35 |
| 1/12/2017 | | 1/12/2018 | 52.49 | 1/12/2019 | 77.54 | 1/12/2020 | 48.22 |
| 1/13/2017 | | 1/13/2018 | 49.45 | 1/13/2019 | 68.66 | 1/13/2020 | 46.54 |
| 1/14/2017 | | 1/14/2018 | 60.10 | 1/14/2019 | 61.79 | 1/14/2020 | 49.91 |
| 1/15/2017 | | 1/15/2018 | 59.23 | 1/15/2019 | 61.10 | 1/15/2020 | 46.21 |
| 1/16/2017 | | 1/16/2018 | 50.98 | 1/16/2019 | 60.60 | 1/16/2020 | 47.24 |
| 1/17/2017 | | 1/17/2018 | 51.65 | 1/17/2019 | 63.20 | 1/17/2020 | 25.59 |
| 1/18/2017 | | 1/18/2018 | 46.65 | 1/18/2019 | 58.61 | 1/18/2020 | 26.82 |
| 1/19/2017 | | 1/19/2018 | 51.38 | 1/19/2019 | 53.19 | 1/19/2020 | 30.99 |
| 1/20/2017 | | 1/20/2018 | 52.04 | 1/20/2019 | 63.49 | 1/20/2020 | 33.40 |
| 1/21/2017 | | 1/21/2018 | 51.84 | 1/21/2019 | 58.04 | 1/21/2020 | 46.79 |
| 1/22/2017 | | 1/22/2018 | 58.02 | 1/22/2019 | 54.94 | 1/22/2020 | 37.87 |
| 1/23/2017 | | 1/23/2018 | 55.42 | 1/23/2019 | 30.04 | 1/23/2020 | 35.47 |
| 1/24/2017 | | 1/24/2018 | 39.82 | 1/24/2019 | 27.36 | 1/24/2020 | 50.27 |
| 1/25/2017 | | 1/25/2018 | 37.99 | 1/25/2019 | 30.89 | 1/25/2020 | 56.92 |
| 1/26/2017 | | 1/26/2018 | 41.40 | 1/26/2019 | 14.00 | 1/26/2020 | 64.80 |
| 1/27/2017 | | 1/27/2018 | 50.90 | 1/27/2019 | 26.96 | 1/27/2020 | 57.64 |
| 1/28/2017 | | 1/28/2018 | 65.99 | 1/28/2019 | 24.22 | 1/28/2020 | 51.23 |
| 1/29/2017 | | 1/29/2018 | 79.59 | 1/29/2019 | 29.92 | 1/29/2020 | 43.18 |
| 1/30/2017 | | 1/30/2018 | 68.00 | 1/30/2019 | 31.52 | 1/30/2020 | 30.76 |
| 1/31/2017 | | 1/31/2018 | 81.80 | 1/31/2019 | 43.34 | 1/31/2020 | 37.55 |
| 2/1/2017 | | 2/1/2018 | 78.99 | 2/1/2019 | 48.68 | 2/1/2020 | 44.10 |
| 2/2/2017 | | 2/2/2018 | 81.33 | 2/2/2019 | 43.82 | 2/2/2020 | 40.76 |
| 2/3/2017 | | 2/3/2018 | 78.41 | 2/3/2019 | 46.15 | 2/3/2020 | 43.72 |
| 2/4/2017 | | 2/4/2018 | 74.88 | 2/4/2019 | 46.36 | 2/4/2020 | 46.19 |
| 2/5/2017 | | 2/5/2018 | 73.74 | 2/5/2019 | 51.00 | 2/5/2020 | 45.58 |
| 2/6/2017 | | 2/6/2018 | 80.22 | 2/6/2019 | 60.62 | 2/6/2020 | 55.11 |
| 2/7/2017 | | 2/7/2018 | 68.56 | 2/7/2019 | 40.95 | 2/7/2020 | 58.74 |
| 2/8/2017 | | 2/8/2018 | 49.68 | 2/8/2019 | 15.97 | 2/8/2020 | 54.14 |
| 2/9/2017 | | 2/9/2018 | 47.22 | 2/9/2019 | 10.64 | 2/9/2020 | 38.02 |
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| 2/11/2017 | | 2/11/2018 | 66.56 | 2/11/2019 | 26.05 | 2/11/2020 | 45.35 |

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|-----------|--|-----------|-------|-----------|-------|-----------|-------|
| 2/12/2017 | | 2/12/2018 | 72.39 | 2/12/2019 | 36.62 | 2/12/2020 | 50.24 |
| 2/13/2017 | | 2/13/2018 | 47.28 | 2/13/2019 | 36.22 | 2/13/2020 | 54.57 |
| 2/14/2017 | | 2/14/2018 | 56.43 | 2/14/2019 | 47.09 | 2/14/2020 | 57.00 |
| 2/15/2017 | | 2/15/2018 | 42.54 | 2/15/2019 | 21.47 | 2/15/2020 | 80.96 |
| 2/16/2017 | | 2/16/2018 | 55.73 | 2/16/2019 | 13.91 | 2/16/2020 | 84.51 |
| 2/17/2017 | | 2/17/2018 | 61.07 | 2/17/2019 | 19.17 | 2/17/2020 | 74.23 |
| 2/18/2017 | | 2/18/2018 | 69.18 | 2/18/2019 | 34.56 | 2/18/2020 | 75.01 |
| 2/19/2017 | | 2/19/2018 | 70.06 | 2/19/2019 | 39.56 | 2/19/2020 | 73.83 |
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| 2/21/2017 | | 2/21/2018 | 68.58 | 2/21/2019 | 37.17 | 2/21/2020 | 74.50 |
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| 2/23/2017 | | 2/23/2018 | 51.19 | 2/23/2019 | 42.00 | 2/23/2020 | 34.79 |
| 2/24/2017 | | 2/24/2018 | 65.86 | 2/24/2019 | 46.16 | 2/24/2020 | 32.79 |
| 2/25/2017 | | 2/25/2018 | 66.93 | 2/25/2019 | 21.37 | 2/25/2020 | 31.78 |
| 2/26/2017 | | 2/26/2018 | 36.69 | 2/26/2019 | 20.39 | 2/26/2020 | 17.87 |
| 2/27/2017 | | 2/27/2018 | 51.44 | 2/27/2019 | 20.57 | 2/27/2020 | 17.26 |
| 2/28/2017 | | 2/28/2018 | 60.38 | 2/28/2019 | 16.27 | 2/28/2020 | 24.02 |
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| 3/2/2017 | | 3/2/2018 | 41.84 | 3/2/2019 | 29.02 | 3/1/2020 | 31.22 |
| 3/3/2017 | | 3/3/2018 | 33.13 | 3/3/2019 | 30.48 | 3/2/2020 | 27.90 |
| 3/4/2017 | | 3/4/2018 | 45.30 | 3/4/2019 | 29.84 | 3/3/2020 | 24.02 |
| 3/5/2017 | | 3/5/2018 | 46.29 | 3/5/2019 | 31.45 | 3/4/2020 | 17.72 |
| 3/6/2017 | | 3/6/2018 | 31.11 | 3/6/2019 | 27.03 | 3/5/2020 | 26.90 |
| 3/7/2017 | | 3/7/2018 | 36.30 | 3/7/2019 | 38.02 | 3/6/2020 | 32.13 |
| 3/8/2017 | | 3/8/2018 | 41.51 | 3/8/2019 | 34.13 | 3/7/2020 | 23.03 |
| 3/9/2017 | | 3/9/2018 | 29.61 | 3/9/2019 | 29.40 | 3/8/2020 | 23.75 |
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| 3/11/2017 | | 3/11/2018 | 41.55 | 3/11/2019 | | 3/10/2020 | 41.14 |
| 3/12/2017 | | 3/12/2018 | 47.31 | 3/12/2019 | 32.04 | 3/11/2020 | 44.07 |
| 3/13/2017 | | 3/13/2018 | 55.01 | 3/13/2019 | 35.00 | 3/12/2020 | 36.09 |
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|-----------|--|-----------|-------|-----------|-------|-----------|--------|
| 3/16/2017 | | 3/16/2018 | 20.43 | 3/16/2019 | 31.65 | 3/15/2020 | 16.53 |
| 3/17/2017 | | 3/17/2018 | 22.64 | 3/17/2019 | 44.00 | 3/16/2020 | 23.88 |
| 3/18/2017 | | 3/18/2018 | 30.64 | 3/18/2019 | 41.24 | 3/17/2020 | 26.96 |
| 3/19/2017 | | 3/19/2018 | 45.71 | 3/19/2019 | 31.04 | 3/18/2020 | 33.98 |
| 3/20/2017 | | 3/20/2018 | 55.96 | 3/20/2019 | 29.60 | 3/19/2020 | 32.36 |
| 3/21/2017 | | 3/21/2018 | 63.72 | 3/21/2019 | 23.13 | 3/20/2020 | 28.81 |
| 3/22/2017 | | 3/22/2018 | 39.71 | 3/22/2019 | 25.93 | 3/21/2020 | 28.43 |
| 3/23/2017 | | 3/23/2018 | 34.56 | 3/23/2019 | 33.35 | 3/22/2020 | 25.69 |
| 3/24/2017 | | 3/24/2018 | 46.41 | 3/24/2019 | 58.24 | 3/23/2020 | 19.29 |
| 3/25/2017 | | 3/25/2018 | 56.34 | 3/25/2019 | 63.33 | 3/24/2020 | 26.02 |
| 3/26/2017 | | 3/26/2018 | 52.04 | 3/26/2019 | 29.50 | 3/25/2020 | 28.76 |
| 3/27/2017 | | 3/27/2018 | 86.78 | 3/27/2019 | 16.42 | 3/26/2020 | 32.09 |
| 3/28/2017 | | 3/28/2018 | 94.61 | 3/28/2019 | 23.65 | 3/27/2020 | 37.76 |
| 3/29/2017 | | 3/29/2018 | 39.58 | 3/29/2019 | 42.51 | 3/28/2020 | 23.06 |
| 3/30/2017 | | 3/30/2018 | 28.40 | 3/30/2019 | 59.10 | 3/29/2020 | 25.95 |
| 3/31/2017 | | 3/31/2018 | 26.73 | 3/31/2019 | 42.32 | 3/30/2020 | 27.47 |
| 4/1/2017 | | 4/1/2018 | 37.27 | 4/1/2019 | 15.60 | 3/31/2020 | 39.10 |
| 4/2/2017 | | 4/2/2018 | 41.53 | 4/2/2019 | 21.12 | 4/1/2020 | 41.21 |
| 4/3/2017 | | 4/3/2018 | 52.62 | 4/3/2019 | 36.24 | 4/2/2020 | 19.04 |
| 4/4/2017 | | 4/4/2018 | 43.57 | 4/4/2019 | 45.81 | 4/3/2020 | 25.47 |
| 4/5/2017 | | 4/5/2018 | 28.35 | 4/5/2019 | 60.03 | 4/4/2020 | 29.06 |
| 4/6/2017 | | 4/6/2018 | 29.68 | 4/6/2019 | 33.52 | 4/5/2020 | 35.09 |
| 4/7/2017 | | 4/7/2018 | 22.40 | 4/7/2019 | 16.96 | 4/6/2020 | 44.56 |
| 4/8/2017 | | 4/8/2018 | 25.27 | 4/8/2019 | 15.82 | 4/7/2020 | 58.13 |
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| 4/12/2017 | | 4/12/2018 | 15.50 | 4/12/2019 | 29.31 | 4/11/2020 | 102.31 |
| 4/13/2017 | | 4/13/2018 | 14.80 | 4/13/2019 | 27.91 | 4/12/2020 | 73.19 |
| 4/14/2017 | | 4/14/2018 | | 4/14/2019 | 23.44 | 4/13/2020 | 72.29 |
| 4/15/2017 | | 4/15/2018 | | 4/15/2019 | 22.25 | 4/14/2020 | 28.32 |
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|-----------|--|-----------|--|-----------|-------|-----------|-------|
| 4/17/2017 | | 4/17/2018 | | 4/17/2019 | 18.73 | 4/16/2020 | 19.02 |
| 4/18/2017 | | 4/18/2018 | | 4/18/2019 | 14.13 | 4/17/2020 | 26.04 |
| 4/19/2017 | | 4/19/2018 | | 4/19/2019 | 16.49 | 4/18/2020 | 23.07 |
| 4/20/2017 | | 4/20/2018 | | 4/20/2019 | 21.20 | 4/19/2020 | 20.00 |
| 4/21/2017 | | 4/21/2018 | | 4/21/2019 | 37.09 | 4/20/2020 | 17.53 |
| 4/22/2017 | | 4/22/2018 | | 4/22/2019 | 30.97 | 4/21/2020 | 13.08 |
| 4/23/2017 | | 4/23/2018 | | 4/23/2019 | 38.11 | 4/22/2020 | 13.32 |
| 4/24/2017 | | 4/24/2018 | | 4/24/2019 | 34.57 | 4/23/2020 | 20.41 |
| 4/25/2017 | | 4/25/2018 | | 4/25/2019 | 33.57 | 4/24/2020 | 20.03 |
| 4/26/2017 | | 4/26/2018 | | 4/26/2019 | 30.91 | 4/25/2020 | 20.99 |
| 4/27/2017 | | 4/27/2018 | | 4/27/2019 | 32.94 | 4/26/2020 | 18.70 |
| 4/28/2017 | | 4/28/2018 | | 4/28/2019 | 29.52 | 4/27/2020 | 15.21 |
| 4/29/2017 | | 4/29/2018 | | 4/29/2019 | 36.35 | 4/28/2020 | 14.32 |
| 4/30/2017 | | 4/30/2018 | | 4/30/2019 | 32.33 | 4/29/2020 | 15.03 |
| 5/1/2017 | | 5/1/2018 | | 5/1/2019 | 27.83 | 4/30/2020 | 13.41 |
| 5/2/2017 | | 5/2/2018 | | 5/2/2019 | 21.68 | 5/1/2020 | 14.73 |
| 5/3/2017 | | 5/3/2018 | | 5/3/2019 | 23.75 | 5/2/2020 | 16.22 |
| 5/4/2017 | | 5/4/2018 | | 5/4/2019 | 20.06 | 5/3/2020 | 14.70 |
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| 5/6/2017 | | 5/6/2018 | | 5/6/2019 | 26.50 | 5/5/2020 | 16.06 |
| 5/7/2017 | | 5/7/2018 | | 5/7/2019 | 35.90 | 5/6/2020 | 11.42 |
| 5/8/2017 | | 5/8/2018 | | 5/8/2019 | 52.94 | 5/7/2020 | 14.28 |
| 5/9/2017 | | 5/9/2018 | | 5/9/2019 | 56.70 | 5/8/2020 | 14.31 |
| 5/10/2017 | | 5/10/2018 | | 5/10/2019 | 55.37 | 5/9/2020 | |
| 5/11/2017 | | 5/11/2018 | | 5/11/2019 | 41.00 | 5/10/2020 | |
| 5/12/2017 | | 5/12/2018 | | 5/12/2019 | 29.18 | 5/11/2020 | |
| 5/13/2017 | | 5/13/2018 | | 5/13/2019 | 27.70 | 5/12/2020 | |
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| 5/17/2017 | | 5/17/2018 | | 5/17/2019 | 25.34 | 5/16/2020 | |
| 5/18/2017 | | 5/18/2018 | | 5/18/2019 | 22.70 | 5/17/2020 | |

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| 5/19/2017 | | 5/19/2018 | | 5/19/2019 | 21.48 | 5/18/2020 | |
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| 5/25/2017 | | 5/25/2018 | | 5/25/2019 | | 5/24/2020 | |
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| 6/1/2017 | | 6/1/2018 | | 6/1/2019 | | 5/31/2020 | |
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| 6/3/2017 | | 6/3/2018 | | 6/3/2019 | | 6/2/2020 | |
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| 6/9/2017 | | 6/9/2018 | | 6/9/2019 | | 6/8/2020 | |
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| 6/17/2017 | | 6/17/2018 | | 6/17/2019 | 21.13 | 6/16/2020 | |
| 6/18/2017 | | 6/18/2018 | | 6/18/2019 | 13.87 | 6/17/2020 | |
| 6/19/2017 | | 6/19/2018 | | 6/19/2019 | 15.11 | 6/18/2020 | |

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| 6/20/2017 | | 6/20/2018 | | 6/20/2019 | 12.44 | 6/19/2020 | |
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| 6/25/2017 | | 6/25/2018 | | 6/25/2019 | 8.88 | 6/24/2020 | |
| 6/26/2017 | | 6/26/2018 | | 6/26/2019 | 8.27 | 6/25/2020 | |
| 6/27/2017 | | 6/27/2018 | | 6/27/2019 | 9.95 | 6/26/2020 | |
| 6/28/2017 | | 6/28/2018 | | 6/28/2019 | 10.43 | 6/27/2020 | |
| 6/29/2017 | | 6/29/2018 | | 6/29/2019 | 13.86 | 6/28/2020 | |
| 6/30/2017 | | 6/30/2018 | | 6/30/2019 | 20.20 | 6/29/2020 | |
| 7/1/2017 | | 7/1/2018 | | 7/1/2019 | 18.87 | 6/30/2020 | |
| 7/2/2017 | | 7/2/2018 | | 7/2/2019 | 7.45 | 7/1/2020 | |
| 7/3/2017 | | 7/3/2018 | | 7/3/2019 | 4.28 | 7/2/2020 | |
| 7/4/2017 | | 7/4/2018 | | 7/4/2019 | 7.06 | 7/3/2020 | |
| 7/5/2017 | | 7/5/2018 | | 7/5/2019 | 7.68 | 7/4/2020 | |
| 7/6/2017 | | 7/6/2018 | | 7/6/2019 | 3.89 | 7/5/2020 | |
| 7/7/2017 | | 7/7/2018 | | 7/7/2019 | 4.87 | 7/6/2020 | |
| 7/8/2017 | | 7/8/2018 | | 7/8/2019 | 4.88 | 7/7/2020 | |
| 7/9/2017 | | 7/9/2018 | | 7/9/2019 | 5.90 | 7/8/2020 | |
| 7/10/2017 | | 7/10/2018 | | 7/10/2019 | 5.09 | 7/9/2020 | |
| 7/11/2017 | | 7/11/2018 | | 7/11/2019 | 5.31 | 7/10/2020 | |
| 7/12/2017 | | 7/12/2018 | | 7/12/2019 | 5.24 | 7/11/2020 | |
| 7/13/2017 | | 7/13/2018 | | 7/13/2019 | 4.70 | 7/12/2020 | |
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| 7/16/2017 | | 7/16/2018 | | 7/16/2019 | 11.50 | 7/15/2020 | |
| 7/17/2017 | | 7/17/2018 | | 7/17/2019 | 10.89 | 7/16/2020 | |
| 7/18/2017 | | 7/18/2018 | | 7/18/2019 | 8.60 | 7/17/2020 | |
| 7/19/2017 | | 7/19/2018 | | 7/19/2019 | 10.06 | 7/18/2020 | |
| 7/20/2017 | | 7/20/2018 | | 7/20/2019 | 11.49 | 7/19/2020 | |
| 7/21/2017 | | 7/21/2018 | | 7/21/2019 | 7.97 | 7/20/2020 | |

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|-----------|-------|-----------|-------|-----------|------|-----------|--|
| 7/22/2017 | | 7/22/2018 | | 7/22/2019 | 8.35 | 7/21/2020 | |
| 7/23/2017 | | 7/23/2018 | | 7/23/2019 | 6.59 | 7/22/2020 | |
| 7/24/2017 | | 7/24/2018 | | 7/24/2019 | 5.30 | 7/23/2020 | |
| 7/25/2017 | | 7/25/2018 | | 7/25/2019 | 6.81 | 7/24/2020 | |
| 7/26/2017 | | 7/26/2018 | | 7/26/2019 | 4.84 | 7/25/2020 | |
| 7/27/2017 | | 7/27/2018 | | 7/27/2019 | 5.32 | 7/26/2020 | |
| 7/28/2017 | | 7/28/2018 | 7.85 | 7/28/2019 | 5.52 | 7/27/2020 | |
| 7/29/2017 | | 7/29/2018 | 6.28 | 7/29/2019 | 6.38 | 7/28/2020 | |
| 7/30/2017 | | 7/30/2018 | 9.66 | 7/30/2019 | 5.66 | 7/29/2020 | |
| 7/31/2017 | | 7/31/2018 | 11.02 | 7/31/2019 | 6.44 | 7/30/2020 | |
| 8/1/2017 | | 8/1/2018 | 6.07 | 8/1/2019 | 6.65 | 7/31/2020 | |
| 8/2/2017 | | 8/2/2018 | 6.31 | 8/2/2019 | 8.06 | 8/1/2020 | |
| 8/3/2017 | | 8/3/2018 | 5.42 | 8/3/2019 | 5.79 | 8/2/2020 | |
| 8/4/2017 | | 8/4/2018 | 6.27 | 8/4/2019 | 7.84 | 8/3/2020 | |
| 8/5/2017 | | 8/5/2018 | 7.41 | 8/5/2019 | 5.97 | 8/4/2020 | |
| 8/6/2017 | | 8/6/2018 | 9.15 | 8/6/2019 | 5.16 | 8/5/2020 | |
| 8/7/2017 | | 8/7/2018 | 6.05 | 8/7/2019 | 4.54 | 8/6/2020 | |
| 8/8/2017 | | 8/8/2018 | 6.43 | 8/8/2019 | 4.57 | 8/7/2020 | |
| 8/9/2017 | | 8/9/2018 | 10.77 | 8/9/2019 | 4.76 | 8/8/2020 | |
| 8/10/2017 | | 8/10/2018 | 9.38 | 8/10/2019 | 5.85 | 8/9/2020 | |
| 8/11/2017 | | 8/11/2018 | 7.24 | 8/11/2019 | 4.78 | 8/10/2020 | |
| 8/12/2017 | | 8/12/2018 | 9.68 | 8/12/2019 | 5.38 | 8/11/2020 | |
| 8/13/2017 | | 8/13/2018 | 6.65 | 8/13/2019 | 5.19 | 8/12/2020 | |
| 8/14/2017 | | 8/14/2018 | 10.43 | 8/14/2019 | 5.48 | 8/13/2020 | |
| 8/15/2017 | | 8/15/2018 | 6.89 | 8/15/2019 | 6.45 | 8/14/2020 | |
| 8/16/2017 | 5.80 | 8/16/2018 | 4.58 | 8/16/2019 | 7.50 | 8/15/2020 | |
| 8/17/2017 | 10.06 | 8/17/2018 | 6.44 | 8/17/2019 | 8.35 | 8/16/2020 | |
| 8/18/2017 | 12.96 | 8/18/2018 | 6.25 | 8/18/2019 | 6.98 | 8/17/2020 | |
| 8/19/2017 | 8.02 | 8/19/2018 | 5.40 | 8/19/2019 | 4.73 | 8/18/2020 | |
| 8/20/2017 | 8.32 | 8/20/2018 | 9.31 | 8/20/2019 | 7.33 | 8/19/2020 | |
| 8/21/2017 | 10.27 | 8/21/2018 | 6.77 | 8/21/2019 | 8.40 | 8/20/2020 | |
| 8/22/2017 | 8.67 | 8/22/2018 | 5.08 | 8/22/2019 | 5.98 | 8/21/2020 | |

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|-----------|-------|-----------|-------|-----------|-------|-----------|--|
| 8/23/2017 | 10.16 | 8/23/2018 | 6.79 | 8/23/2019 | 8.52 | 8/22/2020 | |
| 8/24/2017 | 8.59 | 8/24/2018 | 6.06 | 8/24/2019 | 4.06 | 8/23/2020 | |
| 8/25/2017 | 9.91 | 8/25/2018 | 7.27 | 8/25/2019 | 6.33 | 8/24/2020 | |
| 8/26/2017 | 9.46 | 8/26/2018 | 10.74 | 8/26/2019 | 5.84 | 8/25/2020 | |
| 8/27/2017 | 9.62 | 8/27/2018 | 5.17 | 8/27/2019 | 6.72 | 8/26/2020 | |
| 8/28/2017 | 6.57 | 8/28/2018 | 5.55 | 8/28/2019 | 8.78 | 8/27/2020 | |
| 8/29/2017 | 7.94 | 8/29/2018 | 4.92 | 8/29/2019 | 8.75 | 8/28/2020 | |
| 8/30/2017 | 9.81 | 8/30/2018 | 6.89 | 8/30/2019 | 10.29 | 8/29/2020 | |
| 8/31/2017 | 8.47 | 8/31/2018 | 6.10 | 8/31/2019 | 8.87 | 8/30/2020 | |
| 9/1/2017 | 8.15 | 9/1/2018 | 8.68 | 9/1/2019 | 6.87 | 8/31/2020 | |
| 9/2/2017 | 4.90 | 9/2/2018 | 7.23 | 9/2/2019 | 9.34 | 9/1/2020 | |
| 9/3/2017 | 4.93 | 9/3/2018 | 5.28 | 9/3/2019 | | 9/2/2020 | |
| 9/4/2017 | 7.98 | 9/4/2018 | 8.76 | 9/4/2019 | | 9/3/2020 | |
| 9/5/2017 | 14.73 | 9/5/2018 | 13.11 | 9/5/2019 | | 9/4/2020 | |
| 9/6/2017 | 20.61 | 9/6/2018 | 12.12 | 9/6/2019 | | 9/5/2020 | |
| 9/7/2017 | 18.89 | 9/7/2018 | 5.68 | 9/7/2019 | | 9/6/2020 | |
| 9/8/2017 | 15.67 | 9/8/2018 | 9.71 | 9/8/2019 | | 9/7/2020 | |
| 9/9/2017 | 17.06 | 9/9/2018 | 9.18 | 9/9/2019 | | 9/8/2020 | |
| 9/10/2017 | 18.06 | 9/10/2018 | 6.75 | 9/10/2019 | | 9/9/2020 | |
| 9/11/2017 | 11.15 | 9/11/2018 | 7.50 | 9/11/2019 | | 9/10/2020 | |
| 9/12/2017 | 12.02 | 9/12/2018 | 6.53 | 9/12/2019 | | 9/11/2020 | |
| 9/13/2017 | 12.61 | 9/13/2018 | 6.37 | 9/13/2019 | | 9/12/2020 | |
| 9/14/2017 | 19.00 | 9/14/2018 | 8.95 | 9/14/2019 | | 9/13/2020 | |
| 9/15/2017 | 23.55 | 9/15/2018 | 10.33 | 9/15/2019 | | 9/14/2020 | |
| 9/16/2017 | 19.48 | 9/16/2018 | 9.82 | 9/16/2019 | | 9/15/2020 | |
| 9/17/2017 | 18.78 | 9/17/2018 | 11.70 | 9/17/2019 | | 9/16/2020 | |
| 9/18/2017 | 8.53 | 9/18/2018 | 12.54 | 9/18/2019 | | 9/17/2020 | |
| 9/19/2017 | 11.42 | 9/19/2018 | 14.72 | 9/19/2019 | | 9/18/2020 | |
| 9/20/2017 | 9.21 | 9/20/2018 | 13.13 | 9/20/2019 | | 9/19/2020 | |
| 9/21/2017 | 8.33 | 9/21/2018 | 9.55 | 9/21/2019 | | 9/20/2020 | |
| 9/22/2017 | 13.42 | 9/22/2018 | 8.68 | 9/22/2019 | | 9/21/2020 | |
| 9/23/2017 | 14.11 | 9/23/2018 | 11.30 | 9/23/2019 | | 9/22/2020 | |

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|------------|-------|------------|-------|------------|-------|------------|-------|
| 9/24/2017 | 15.27 | 9/24/2018 | 11.83 | 9/24/2019 | | 9/23/2020 | |
| 9/25/2017 | 23.73 | 9/25/2018 | 16.16 | 9/25/2019 | | 9/24/2020 | |
| 9/26/2017 | 26.03 | 9/26/2018 | 18.20 | 9/26/2019 | | 9/25/2020 | |
| 9/27/2017 | 22.26 | 9/27/2018 | 16.12 | 9/27/2019 | | 9/26/2020 | |
| 9/28/2017 | 25.35 | 9/28/2018 | 16.42 | 9/28/2019 | | 9/27/2020 | |
| 9/29/2017 | 22.89 | 9/29/2018 | 18.68 | 9/29/2019 | | 9/28/2020 | |
| 9/30/2017 | 7.54 | 9/30/2018 | 21.29 | 9/30/2019 | | 9/29/2020 | |
| 10/1/2017 | 10.41 | 10/1/2018 | 23.10 | 10/1/2019 | | 9/30/2020 | 21.60 |
| 10/2/2017 | 10.92 | 10/2/2018 | 20.98 | 10/2/2019 | | 10/1/2020 | 23.89 |
| 10/3/2017 | 13.13 | 10/3/2018 | 18.54 | 10/3/2019 | | 10/2/2020 | 25.72 |
| 10/4/2017 | 15.39 | 10/4/2018 | 20.15 | 10/4/2019 | | 10/3/2020 | 18.94 |
| 10/5/2017 | 13.19 | 10/5/2018 | 19.94 | 10/5/2019 | | 10/4/2020 | 16.24 |
| 10/6/2017 | 11.70 | 10/6/2018 | 15.95 | 10/6/2019 | | 10/5/2020 | 19.66 |
| 10/7/2017 | 12.43 | 10/7/2018 | 15.53 | 10/7/2019 | | 10/6/2020 | 17.49 |
| 10/8/2017 | 14.79 | 10/8/2018 | 17.32 | 10/8/2019 | | 10/7/2020 | 17.17 |
| 10/9/2017 | 20.93 | 10/9/2018 | 21.73 | 10/9/2019 | | 10/8/2020 | 15.49 |
| 10/10/2017 | 15.87 | 10/10/2018 | 28.88 | 10/10/2019 | | 10/9/2020 | 15.58 |
| 10/11/2017 | 10.13 | 10/11/2018 | 26.92 | 10/11/2019 | | 10/10/2020 | 14.65 |
| 10/12/2017 | 11.11 | 10/12/2018 | 17.41 | 10/12/2019 | | 10/11/2020 | 15.02 |
| 10/13/2017 | 12.23 | 10/13/2018 | 11.64 | 10/13/2019 | | 10/12/2020 | 15.79 |
| 10/14/2017 | 20.41 | 10/14/2018 | 16.13 | 10/14/2019 | | 10/13/2020 | 17.97 |
| 10/15/2017 | 40.77 | 10/15/2018 | 28.13 | 10/15/2019 | | 10/14/2020 | 17.64 |
| 10/16/2017 | 43.90 | 10/16/2018 | 33.58 | 10/16/2019 | | 10/15/2020 | 17.78 |
| 10/17/2017 | 35.08 | 10/17/2018 | 42.46 | 10/17/2019 | | 10/16/2020 | 18.66 |
| 10/18/2017 | 30.45 | 10/18/2018 | 34.74 | 10/18/2019 | | 10/17/2020 | 19.12 |
| 10/19/2017 | 21.44 | 10/19/2018 | 31.26 | 10/19/2019 | | 10/18/2020 | 20.41 |
| 10/20/2017 | 22.32 | 10/20/2018 | 34.03 | 10/20/2019 | | 10/19/2020 | 24.22 |
| 10/21/2017 | 16.96 | 10/21/2018 | 32.24 | 10/21/2019 | | 10/20/2020 | 23.31 |
| 10/22/2017 | 20.31 | 10/22/2018 | 30.22 | 10/22/2019 | | 10/21/2020 | 33.03 |
| 10/23/2017 | 37.03 | 10/23/2018 | 27.98 | 10/23/2019 | | 10/22/2020 | 30.63 |
| 10/24/2017 | 40.05 | 10/24/2018 | 29.72 | 10/24/2019 | 18.82 | 10/23/2020 | 26.52 |
| 10/25/2017 | 39.37 | 10/25/2018 | 28.77 | 10/25/2019 | 28.08 | 10/24/2020 | 25.19 |

| | | | | | | | |
|------------|-------|------------|-------|------------|-------|------------|-------|
| 10/26/2017 | 41.99 | 10/26/2018 | 27.58 | 10/26/2019 | 25.96 | 10/25/2020 | 23.87 |
| 10/27/2017 | 41.20 | 10/27/2018 | 26.56 | 10/27/2019 | 22.33 | 10/26/2020 | 19.13 |
| 10/28/2017 | 42.93 | 10/28/2018 | 26.57 | 10/28/2019 | 26.93 | 10/27/2020 | 19.41 |
| 10/29/2017 | 38.45 | 10/29/2018 | 24.72 | 10/29/2019 | 26.53 | 10/28/2020 | 17.24 |
| 10/30/2017 | 31.35 | 10/30/2018 | 25.41 | 10/30/2019 | 24.06 | 10/29/2020 | 18.32 |
| 10/31/2017 | 34.56 | 10/31/2018 | 27.42 | 10/31/2019 | 21.72 | 10/30/2020 | 17.27 |
| 11/1/2017 | 25.57 | 11/1/2018 | 28.28 | 11/1/2019 | 28.41 | 10/31/2020 | 12.98 |
| 11/2/2017 | 26.12 | 11/2/2018 | 26.23 | 11/2/2019 | 32.79 | 11/1/2020 | 13.74 |
| 11/3/2017 | 30.51 | 11/3/2018 | 25.45 | 11/3/2019 | 27.25 | 11/2/2020 | 17.88 |
| 11/4/2017 | 30.84 | 11/4/2018 | 33.76 | 11/4/2019 | 19.17 | 11/3/2020 | 27.49 |
| 11/5/2017 | 26.53 | 11/5/2018 | 29.82 | 11/5/2019 | 20.97 | 11/4/2020 | 27.92 |
| 11/6/2017 | 27.22 | 11/6/2018 | 30.21 | 11/6/2019 | 25.85 | 11/5/2020 | 50.75 |
| 11/7/2017 | 30.77 | 11/7/2018 | 36.03 | 11/7/2019 | 31.73 | 11/6/2020 | 49.33 |
| 11/8/2017 | 30.45 | 11/8/2018 | 41.39 | 11/8/2019 | 31.89 | 11/7/2020 | 48.53 |
| 11/9/2017 | 38.61 | 11/9/2018 | 36.68 | 11/9/2019 | 20.98 | 11/8/2020 | 38.29 |
| 11/10/2017 | 29.44 | 11/10/2018 | 34.57 | 11/10/2019 | 22.70 | 11/9/2020 | 28.71 |
| 11/11/2017 | 37.41 | 11/11/2018 | 36.24 | 11/11/2019 | 23.53 | 11/10/2020 | 26.41 |
| 11/12/2017 | 38.78 | 11/12/2018 | 45.98 | 11/12/2019 | 29.95 | 11/11/2020 | 25.63 |
| 11/13/2017 | 31.52 | 11/13/2018 | 37.15 | 11/13/2019 | 33.36 | 11/12/2020 | 21.36 |
| 11/14/2017 | 33.12 | 11/14/2018 | 36.52 | 11/14/2019 | 31.14 | 11/13/2020 | 25.05 |
| 11/15/2017 | 34.84 | 11/15/2018 | 41.77 | 11/15/2019 | 25.10 | 11/14/2020 | 24.17 |
| 11/16/2017 | 34.12 | 11/16/2018 | 53.94 | 11/16/2019 | | 11/15/2020 | 21.39 |
| 11/17/2017 | 29.53 | 11/17/2018 | 51.34 | 11/17/2019 | | 11/16/2020 | 44.48 |
| 11/18/2017 | 31.40 | 11/18/2018 | 54.52 | 11/18/2019 | | 11/17/2020 | 17.85 |
| 11/19/2017 | 35.69 | 11/19/2018 | 59.71 | 11/19/2019 | | 11/18/2020 | 20.24 |
| 11/20/2017 | 38.44 | 11/20/2018 | 60.32 | 11/20/2019 | | 11/19/2020 | 22.74 |
| 11/21/2017 | 45.32 | 11/21/2018 | 70.91 | 11/21/2019 | | 11/20/2020 | 25.04 |
| 11/22/2017 | 38.70 | 11/22/2018 | 81.41 | 11/22/2019 | | 11/21/2020 | 30.02 |
| 11/23/2017 | 37.84 | 11/23/2018 | 65.70 | 11/23/2019 | | 11/22/2020 | 36.85 |
| 11/24/2017 | 40.63 | 11/24/2018 | 47.71 | 11/24/2019 | | 11/23/2020 | 39.58 |
| 11/25/2017 | 49.78 | 11/25/2018 | 51.38 | 11/25/2019 | | 11/24/2020 | 38.16 |
| 11/26/2017 | 47.07 | 11/26/2018 | 44.57 | 11/26/2019 | | 11/25/2020 | 42.63 |

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|------------|-------|------------|-------|------------|-------|------------|-------|
| 11/27/2017 | 45.70 | 11/27/2018 | 43.38 | 11/27/2019 | | 11/26/2020 | 37.70 |
| 11/28/2017 | 50.41 | 11/28/2018 | 49.69 | 11/28/2019 | | 11/27/2020 | 44.25 |
| 11/29/2017 | 77.48 | 11/29/2018 | 46.91 | 11/29/2019 | | 11/28/2020 | 32.95 |
| 11/30/2017 | 63.61 | 11/30/2018 | 38.66 | 11/30/2019 | | 11/29/2020 | 32.74 |
| 12/1/2017 | 56.89 | 12/1/2018 | 35.02 | 12/1/2019 | | 11/30/2020 | 32.60 |
| 12/2/2017 | 50.25 | 12/2/2018 | 46.41 | 12/2/2019 | | 12/1/2020 | 28.20 |
| 12/3/2017 | 45.10 | 12/3/2018 | 48.77 | 12/3/2019 | | 12/2/2020 | 26.61 |
| 12/4/2017 | 43.50 | 12/4/2018 | 46.64 | 12/4/2019 | | 12/3/2020 | 27.61 |
| 12/5/2017 | 55.96 | 12/5/2018 | 50.44 | 12/5/2019 | | 12/4/2020 | 32.22 |
| 12/6/2017 | 48.57 | 12/6/2018 | 44.11 | 12/6/2019 | | 12/5/2020 | 43.07 |
| 12/7/2017 | 37.51 | 12/7/2018 | 44.80 | 12/7/2019 | | 12/6/2020 | 41.21 |
| 12/8/2017 | 48.39 | 12/8/2018 | 49.33 | 12/8/2019 | | 12/7/2020 | 48.61 |
| 12/9/2017 | 43.75 | 12/9/2018 | 50.12 | 12/9/2019 | | 12/8/2020 | 56.26 |
| 12/10/2017 | 39.21 | 12/10/2018 | 40.92 | 12/10/2019 | | 12/9/2020 | 64.11 |
| 12/11/2017 | 43.53 | 12/11/2018 | 36.76 | 12/11/2019 | | 12/10/2020 | 53.45 |
| 12/12/2017 | 44.98 | 12/12/2018 | 40.31 | 12/12/2019 | | 12/11/2020 | 41.45 |
| 12/13/2017 | 38.71 | 12/13/2018 | 34.85 | 12/13/2019 | | 12/12/2020 | 43.55 |
| 12/14/2017 | 44.17 | 12/14/2018 | 36.98 | 12/14/2019 | | 12/13/2020 | 38.40 |
| 12/15/2017 | 43.84 | 12/15/2018 | 37.23 | 12/15/2019 | | 12/14/2020 | 34.47 |
| 12/16/2017 | 45.78 | 12/16/2018 | 40.06 | 12/16/2019 | | 12/15/2020 | 34.44 |
| 12/17/2017 | 51.42 | 12/17/2018 | 47.85 | 12/17/2019 | | 12/16/2020 | 38.86 |
| 12/18/2017 | 50.58 | 12/18/2018 | 60.92 | 12/18/2019 | 46.21 | 12/17/2020 | 33.54 |
| 12/19/2017 | 46.03 | 12/19/2018 | 80.33 | 12/19/2019 | 47.40 | 12/18/2020 | 46.28 |
| 12/20/2017 | 49.25 | 12/20/2018 | 77.13 | 12/20/2019 | 50.41 | 12/19/2020 | 53.60 |
| 12/21/2017 | 46.30 | 12/21/2018 | 70.73 | 12/21/2019 | 49.91 | 12/20/2020 | 56.33 |
| 12/22/2017 | 41.29 | 12/22/2018 | 70.33 | 12/22/2019 | 50.07 | 12/21/2020 | 53.28 |
| 12/23/2017 | 40.07 | 12/23/2018 | 59.43 | 12/23/2019 | 56.93 | 12/22/2020 | 52.43 |
| 12/24/2017 | 44.15 | 12/24/2018 | 51.75 | 12/24/2019 | 49.15 | 12/23/2020 | 55.67 |
| 12/25/2017 | 48.68 | 12/25/2018 | 49.73 | 12/25/2019 | 51.10 | 12/24/2020 | 51.41 |
| 12/26/2017 | 50.49 | 12/26/2018 | 50.75 | 12/26/2019 | 57.37 | 12/25/2020 | 50.42 |
| 12/27/2017 | 48.24 | 12/27/2018 | 53.96 | 12/27/2019 | 55.69 | 12/26/2020 | 52.44 |
| 12/28/2017 | 53.74 | 12/28/2018 | 63.10 | 12/28/2019 | 54.49 | 12/27/2020 | 52.74 |

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|------------|-------|------------|-------|------------|-------|------------|-------|
| 12/29/2017 | 59.57 | 12/29/2018 | 57.94 | 12/29/2019 | 58.44 | 12/28/2020 | 51.70 |
| 12/30/2017 | 49.32 | 12/30/2018 | 54.51 | 12/30/2019 | 50.29 | 12/29/2020 | 52.34 |
| 12/31/2017 | 46.52 | 12/31/2018 | 53.97 | 12/31/2019 | 57.07 | 12/30/2020 | 55.86 |
| | | | | | | 12/31/2020 | 56.80 |

PM10

| Date | Value | Date | Value | Date | Value | Date | Value |
|-----------|-------|-----------|--------|-----------|-------|-----------|-------|
| 1/1/2017 | | 1/1/2018 | 78.70 | 1/1/2019 | 69.72 | 1/1/2020 | |
| 1/2/2017 | | 1/2/2018 | 70.06 | 1/2/2019 | 73.96 | 1/2/2020 | |
| 1/3/2017 | | 1/3/2018 | 70.74 | 1/3/2019 | 62.42 | 1/3/2020 | |
| 1/4/2017 | | 1/4/2018 | 74.25 | 1/4/2019 | 61.45 | 1/4/2020 | |
| 1/5/2017 | | 1/5/2018 | 78.69 | 1/5/2019 | 72.43 | 1/5/2020 | |
| 1/6/2017 | | 1/6/2018 | 73.86 | 1/6/2019 | 69.43 | 1/6/2020 | 47.83 |
| 1/7/2017 | | 1/7/2018 | 72.55 | 1/7/2019 | 61.77 | 1/7/2020 | 47.41 |
| 1/8/2017 | | 1/8/2018 | 87.55 | 1/8/2019 | 56.98 | 1/8/2020 | 54.84 |
| 1/9/2017 | | 1/9/2018 | 103.21 | 1/9/2019 | 54.04 | 1/9/2020 | 46.10 |
| 1/10/2017 | | 1/10/2018 | 95.76 | 1/10/2019 | 64.39 | 1/10/2020 | 45.05 |
| 1/11/2017 | | 1/11/2018 | 85.71 | 1/11/2019 | 82.21 | 1/11/2020 | 47.23 |
| 1/12/2017 | | 1/12/2018 | 90.36 | 1/12/2019 | 88.66 | 1/12/2020 | 53.90 |
| 1/13/2017 | | 1/13/2018 | 80.92 | 1/13/2019 | 79.88 | 1/13/2020 | 52.65 |
| 1/14/2017 | | 1/14/2018 | 97.36 | 1/14/2019 | 71.75 | 1/14/2020 | 56.69 |
| 1/15/2017 | | 1/15/2018 | 86.05 | 1/15/2019 | 69.67 | 1/15/2020 | 51.15 |
| 1/16/2017 | | 1/16/2018 | 83.30 | 1/16/2019 | 71.76 | 1/16/2020 | 49.37 |
| 1/17/2017 | | 1/17/2018 | 94.04 | 1/17/2019 | 75.21 | 1/17/2020 | 26.20 |
| 1/18/2017 | | 1/18/2018 | 82.11 | 1/18/2019 | 68.87 | 1/18/2020 | 29.75 |
| 1/19/2017 | | 1/19/2018 | 89.97 | 1/19/2019 | 64.37 | 1/19/2020 | 36.22 |
| 1/20/2017 | | 1/20/2018 | 85.15 | 1/20/2019 | 78.04 | 1/20/2020 | 39.18 |
| 1/21/2017 | | 1/21/2018 | 90.72 | 1/21/2019 | 71.48 | 1/21/2020 | 54.42 |
| 1/22/2017 | | 1/22/2018 | 97.64 | 1/22/2019 | 77.13 | 1/22/2020 | 44.43 |
| 1/23/2017 | | 1/23/2018 | 94.99 | 1/23/2019 | 32.27 | 1/23/2020 | 38.74 |
| 1/24/2017 | | 1/24/2018 | 54.14 | 1/24/2019 | 33.08 | 1/24/2020 | 55.95 |

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|-----------|--|-----------|--------|-----------|-------|-----------|--------|
| 1/25/2017 | | 1/25/2018 | 53.80 | 1/25/2019 | 36.73 | 1/25/2020 | 63.20 |
| 1/26/2017 | | 1/26/2018 | 64.61 | 1/26/2019 | 15.80 | 1/26/2020 | 73.21 |
| 1/27/2017 | | 1/27/2018 | 78.33 | 1/27/2019 | 30.99 | 1/27/2020 | 63.74 |
| 1/28/2017 | | 1/28/2018 | 88.99 | 1/28/2019 | 29.20 | 1/28/2020 | 57.64 |
| 1/29/2017 | | 1/29/2018 | 123.03 | 1/29/2019 | 35.27 | 1/29/2020 | 49.53 |
| 1/30/2017 | | 1/30/2018 | 99.01 | 1/30/2019 | 37.24 | 1/30/2020 | 36.28 |
| 1/31/2017 | | 1/31/2018 | 116.41 | 1/31/2019 | 48.58 | 1/31/2020 | 43.67 |
| 2/1/2017 | | 2/1/2018 | 123.58 | 2/1/2019 | 54.78 | 2/1/2020 | 50.41 |
| 2/2/2017 | | 2/2/2018 | 131.38 | 2/2/2019 | 49.33 | 2/2/2020 | 47.83 |
| 2/3/2017 | | 2/3/2018 | 109.96 | 2/3/2019 | 52.81 | 2/3/2020 | 51.08 |
| 2/4/2017 | | 2/4/2018 | 109.58 | 2/4/2019 | 52.53 | 2/4/2020 | 55.88 |
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| 2/6/2017 | | 2/6/2018 | 116.18 | 2/6/2019 | 70.10 | 2/6/2020 | 66.40 |
| 2/7/2017 | | 2/7/2018 | 105.03 | 2/7/2019 | 42.45 | 2/7/2020 | 68.27 |
| 2/8/2017 | | 2/8/2018 | 80.28 | 2/8/2019 | 17.64 | 2/8/2020 | 64.56 |
| 2/9/2017 | | 2/9/2018 | 93.58 | 2/9/2019 | 12.36 | 2/9/2020 | 46.79 |
| 2/10/2017 | | 2/10/2018 | 102.80 | 2/10/2019 | 27.47 | 2/10/2020 | 56.13 |
| 2/11/2017 | | 2/11/2018 | 126.76 | 2/11/2019 | 30.37 | 2/11/2020 | 58.23 |
| 2/12/2017 | | 2/12/2018 | 120.60 | 2/12/2019 | 41.57 | 2/12/2020 | 64.51 |
| 2/13/2017 | | 2/13/2018 | 68.56 | 2/13/2019 | 40.56 | 2/13/2020 | 69.97 |
| 2/14/2017 | | 2/14/2018 | 82.59 | 2/14/2019 | 52.17 | 2/14/2020 | 72.72 |
| 2/15/2017 | | 2/15/2018 | 65.65 | 2/15/2019 | 24.83 | 2/15/2020 | 101.15 |
| 2/16/2017 | | 2/16/2018 | 95.29 | 2/16/2019 | 16.15 | 2/16/2020 | 100.62 |
| 2/17/2017 | | 2/17/2018 | 94.47 | 2/17/2019 | 22.03 | 2/17/2020 | 86.51 |
| 2/18/2017 | | 2/18/2018 | 104.02 | 2/18/2019 | 37.97 | 2/18/2020 | 87.31 |
| 2/19/2017 | | 2/19/2018 | 108.31 | 2/19/2019 | 42.84 | 2/19/2020 | 85.72 |
| 2/20/2017 | | 2/20/2018 | 103.89 | 2/20/2019 | 37.10 | 2/20/2020 | 87.42 |
| 2/21/2017 | | 2/21/2018 | 110.96 | 2/21/2019 | 43.92 | 2/21/2020 | 80.82 |
| 2/22/2017 | | 2/22/2018 | 77.80 | 2/22/2019 | 48.57 | 2/22/2020 | 55.24 |
| 2/23/2017 | | 2/23/2018 | 69.62 | 2/23/2019 | 49.91 | 2/23/2020 | 42.74 |
| 2/24/2017 | | 2/24/2018 | 91.62 | 2/24/2019 | 54.16 | 2/24/2020 | 43.92 |
| 2/25/2017 | | 2/25/2018 | 89.55 | 2/25/2019 | 31.13 | 2/25/2020 | 35.68 |

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| 2/26/2017 | | 2/26/2018 | 51.75 | 2/26/2019 | 30.66 | 2/26/2020 | 20.03 |
| 2/27/2017 | | 2/27/2018 | 76.81 | 2/27/2019 | 22.92 | 2/27/2020 | 19.83 |
| 2/28/2017 | | 2/28/2018 | 89.36 | 2/28/2019 | 18.95 | 2/28/2020 | 28.55 |
| 3/1/2017 | | 3/1/2018 | 81.77 | 3/1/2019 | 24.36 | 2/29/2020 | 36.17 |
| 3/2/2017 | | 3/2/2018 | 53.79 | 3/2/2019 | 33.59 | 3/1/2020 | 37.66 |
| 3/3/2017 | | 3/3/2018 | 50.35 | 3/3/2019 | 33.31 | 3/2/2020 | 36.07 |
| 3/4/2017 | | 3/4/2018 | 73.91 | 3/4/2019 | 33.48 | 3/3/2020 | 32.02 |
| 3/5/2017 | | 3/5/2018 | 81.74 | 3/5/2019 | 36.18 | 3/4/2020 | 22.75 |
| 3/6/2017 | | 3/6/2018 | 72.23 | 3/6/2019 | 32.66 | 3/5/2020 | 35.48 |
| 3/7/2017 | | 3/7/2018 | 81.94 | 3/7/2019 | 46.05 | 3/6/2020 | 41.72 |
| 3/8/2017 | | 3/8/2018 | 83.52 | 3/8/2019 | 39.47 | 3/7/2020 | 27.03 |
| 3/9/2017 | | 3/9/2018 | 46.14 | 3/9/2019 | 32.98 | 3/8/2020 | 29.50 |
| 3/10/2017 | | 3/10/2018 | 41.96 | 3/10/2019 | | 3/9/2020 | 32.93 |
| 3/11/2017 | | 3/11/2018 | 54.77 | 3/11/2019 | | 3/10/2020 | 49.71 |
| 3/12/2017 | | 3/12/2018 | 62.50 | 3/12/2019 | 52.44 | 3/11/2020 | 53.41 |
| 3/13/2017 | | 3/13/2018 | 76.53 | 3/13/2019 | 54.53 | 3/12/2020 | 50.44 |
| 3/14/2017 | | 3/14/2018 | 100.21 | 3/14/2019 | 51.39 | 3/13/2020 | 52.52 |
| 3/15/2017 | | 3/15/2018 | 81.82 | 3/15/2019 | 51.20 | 3/14/2020 | 31.03 |
| 3/16/2017 | | 3/16/2018 | 34.08 | 3/16/2019 | 48.13 | 3/15/2020 | 30.68 |
| 3/17/2017 | | 3/17/2018 | 38.54 | 3/17/2019 | 66.82 | 3/16/2020 | 35.30 |
| 3/18/2017 | | 3/18/2018 | 57.71 | 3/18/2019 | 65.27 | 3/17/2020 | 37.57 |
| 3/19/2017 | | 3/19/2018 | 84.28 | 3/19/2019 | 45.10 | 3/18/2020 | 42.73 |
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| 3/23/2017 | | 3/23/2018 | 74.60 | 3/23/2019 | 49.10 | 3/22/2020 | 30.56 |
| 3/24/2017 | | 3/24/2018 | 98.62 | 3/24/2019 | 80.33 | 3/23/2020 | 22.87 |
| 3/25/2017 | | 3/25/2018 | 133.09 | 3/25/2019 | 80.78 | 3/24/2020 | 29.90 |
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| 3/27/2017 | | 3/27/2018 | 147.95 | 3/27/2019 | 21.94 | 3/26/2020 | 36.94 |
| 3/28/2017 | | 3/28/2018 | 142.26 | 3/28/2019 | 31.53 | 3/27/2020 | 43.83 |
| 3/29/2017 | | 3/29/2018 | 52.47 | 3/29/2019 | 54.61 | 3/28/2020 | 27.89 |

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| 3/30/2017 | | 3/30/2018 | 38.78 | 3/30/2019 | 64.70 | 3/29/2020 | 32.55 |
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| 4/1/2017 | | 4/1/2018 | 69.58 | 4/1/2019 | 23.29 | 3/31/2020 | 46.87 |
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| 5/1/2017 | | 5/1/2018 | | 5/1/2019 | 41.10 | 4/30/2020 | 18.33 |
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| 7/24/2017 | | 7/24/2018 | | 7/24/2019 | 6.23 | 7/23/2020 | |
| 7/25/2017 | | 7/25/2018 | | 7/25/2019 | 8.79 | 7/24/2020 | |
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| 7/27/2017 | | 7/27/2018 | | 7/27/2019 | 7.10 | 7/26/2020 | |
| 7/28/2017 | | 7/28/2018 | 12.53 | 7/28/2019 | 7.19 | 7/27/2020 | |
| 7/29/2017 | | 7/29/2018 | 9.13 | 7/29/2019 | 8.41 | 7/28/2020 | |
| 7/30/2017 | | 7/30/2018 | 13.15 | 7/30/2019 | 7.02 | 7/29/2020 | |
| 7/31/2017 | | 7/31/2018 | 14.61 | 7/31/2019 | 7.72 | 7/30/2020 | |
| 8/1/2017 | | 8/1/2018 | 7.77 | 8/1/2019 | 7.65 | 7/31/2020 | |
| 8/2/2017 | | 8/2/2018 | 8.30 | 8/2/2019 | 9.71 | 8/1/2020 | |
| 8/3/2017 | | 8/3/2018 | 7.55 | 8/3/2019 | 6.97 | 8/2/2020 | |
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| 8/7/2017 | | 8/7/2018 | 8.65 | 8/7/2019 | 5.92 | 8/6/2020 | |
| 8/8/2017 | | 8/8/2018 | 8.56 | 8/8/2019 | 5.68 | 8/7/2020 | |
| 8/9/2017 | | 8/9/2018 | 13.58 | 8/9/2019 | 6.27 | 8/8/2020 | |
| 8/10/2017 | | 8/10/2018 | 11.71 | 8/10/2019 | 7.18 | 8/9/2020 | |
| 8/11/2017 | | 8/11/2018 | 8.68 | 8/11/2019 | 5.75 | 8/10/2020 | |
| 8/12/2017 | | 8/12/2018 | 11.88 | 8/12/2019 | 7.16 | 8/11/2020 | |
| 8/13/2017 | | 8/13/2018 | 7.78 | 8/13/2019 | 6.56 | 8/12/2020 | |
| 8/14/2017 | | 8/14/2018 | 12.36 | 8/14/2019 | 6.69 | 8/13/2020 | |
| 8/15/2017 | | 8/15/2018 | 8.34 | 8/15/2019 | 7.47 | 8/14/2020 | |
| 8/16/2017 | 8.63 | 8/16/2018 | 5.92 | 8/16/2019 | 8.93 | 8/15/2020 | |
| 8/17/2017 | 16.20 | 8/17/2018 | 8.37 | 8/17/2019 | 9.60 | 8/16/2020 | |
| 8/18/2017 | 19.90 | 8/18/2018 | 8.13 | 8/18/2019 | 8.30 | 8/17/2020 | |
| 8/19/2017 | 13.42 | 8/19/2018 | 7.30 | 8/19/2019 | 5.34 | 8/18/2020 | |
| 8/20/2017 | 12.75 | 8/20/2018 | 11.88 | 8/20/2019 | 8.42 | 8/19/2020 | |
| 8/21/2017 | 15.58 | 8/21/2018 | 8.37 | 8/21/2019 | 9.84 | 8/20/2020 | |
| 8/22/2017 | 11.89 | 8/22/2018 | 6.24 | 8/22/2019 | 7.31 | 8/21/2020 | |
| 8/23/2017 | 16.03 | 8/23/2018 | 8.27 | 8/23/2019 | 10.59 | 8/22/2020 | |
| 8/24/2017 | 13.80 | 8/24/2018 | 7.41 | 8/24/2019 | 4.60 | 8/23/2020 | |
| 8/25/2017 | 16.97 | 8/25/2018 | 9.25 | 8/25/2019 | 7.66 | 8/24/2020 | |
| 8/26/2017 | 15.87 | 8/26/2018 | 13.49 | 8/26/2019 | 7.58 | 8/25/2020 | |
| 8/27/2017 | 16.19 | 8/27/2018 | 6.38 | 8/27/2019 | 8.72 | 8/26/2020 | |
| 8/28/2017 | 11.52 | 8/28/2018 | 6.94 | 8/28/2019 | 10.76 | 8/27/2020 | |
| 8/29/2017 | 13.55 | 8/29/2018 | 6.56 | 8/29/2019 | 9.95 | 8/28/2020 | |
| 8/30/2017 | 16.30 | 8/30/2018 | 8.72 | 8/30/2019 | 12.32 | 8/29/2020 | |
| 8/31/2017 | 13.78 | 8/31/2018 | 7.31 | 8/31/2019 | 9.84 | 8/30/2020 | |
| 9/1/2017 | 12.35 | 9/1/2018 | 11.05 | 9/1/2019 | 7.59 | 8/31/2020 | |
| 9/2/2017 | 7.43 | 9/2/2018 | 8.46 | 9/2/2019 | 11.17 | 9/1/2020 | |
| 9/3/2017 | 7.09 | 9/3/2018 | 6.40 | 9/3/2019 | | 9/2/2020 | |
| 9/4/2017 | 13.28 | 9/4/2018 | 10.37 | 9/4/2019 | | 9/3/2020 | |
| 9/5/2017 | 24.64 | 9/5/2018 | 15.13 | 9/5/2019 | | 9/4/2020 | |

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| 9/6/2017 | 34.89 | 9/6/2018 | 14.12 | 9/6/2019 | | 9/5/2020 | |
| 9/7/2017 | 30.45 | 9/7/2018 | 7.28 | 9/7/2019 | | 9/6/2020 | |
| 9/8/2017 | 24.53 | 9/8/2018 | 11.99 | 9/8/2019 | | 9/7/2020 | |
| 9/9/2017 | 27.30 | 9/9/2018 | 11.00 | 9/9/2019 | | 9/8/2020 | |
| 9/10/2017 | 30.06 | 9/10/2018 | 7.48 | 9/10/2019 | | 9/9/2020 | |
| 9/11/2017 | 17.70 | 9/11/2018 | 8.12 | 9/11/2019 | | 9/10/2020 | |
| 9/12/2017 | 17.98 | 9/12/2018 | 7.63 | 9/12/2019 | | 9/11/2020 | |
| 9/13/2017 | 19.51 | 9/13/2018 | 7.25 | 9/13/2019 | | 9/12/2020 | |
| 9/14/2017 | 30.87 | 9/14/2018 | 10.50 | 9/14/2019 | | 9/13/2020 | |
| 9/15/2017 | 38.23 | 9/15/2018 | 12.27 | 9/15/2019 | | 9/14/2020 | |
| 9/16/2017 | 33.96 | 9/16/2018 | 11.86 | 9/16/2019 | | 9/15/2020 | |
| 9/17/2017 | 31.50 | 9/17/2018 | 14.41 | 9/17/2019 | | 9/16/2020 | |
| 9/18/2017 | 13.77 | 9/18/2018 | 14.51 | 9/18/2019 | | 9/17/2020 | |
| 9/19/2017 | 20.10 | 9/19/2018 | 17.82 | 9/19/2019 | | 9/18/2020 | |
| 9/20/2017 | 17.83 | 9/20/2018 | 15.84 | 9/20/2019 | | 9/19/2020 | |
| 9/21/2017 | 11.56 | 9/21/2018 | 11.25 | 9/21/2019 | | 9/20/2020 | |
| 9/22/2017 | 18.71 | 9/22/2018 | 11.52 | 9/22/2019 | | 9/21/2020 | |
| 9/23/2017 | 22.36 | 9/23/2018 | 14.43 | 9/23/2019 | | 9/22/2020 | |
| 9/24/2017 | 23.59 | 9/24/2018 | 14.22 | 9/24/2019 | | 9/23/2020 | |
| 9/25/2017 | 39.01 | 9/25/2018 | 19.45 | 9/25/2019 | | 9/24/2020 | |
| 9/26/2017 | 42.67 | 9/26/2018 | 21.28 | 9/26/2019 | | 9/25/2020 | |
| 9/27/2017 | 35.89 | 9/27/2018 | 19.07 | 9/27/2019 | | 9/26/2020 | |
| 9/28/2017 | 38.80 | 9/28/2018 | 19.42 | 9/28/2019 | | 9/27/2020 | |
| 9/29/2017 | 33.07 | 9/29/2018 | 21.54 | 9/29/2019 | | 9/28/2020 | |
| 9/30/2017 | 10.95 | 9/30/2018 | 24.65 | 9/30/2019 | | 9/29/2020 | |
| 10/1/2017 | 15.96 | 10/1/2018 | 26.76 | 10/1/2019 | | 9/30/2020 | 28.29 |
| 10/2/2017 | 17.99 | 10/2/2018 | 23.84 | 10/2/2019 | | 10/1/2020 | 30.82 |
| 10/3/2017 | 20.01 | 10/3/2018 | 20.53 | 10/3/2019 | | 10/2/2020 | 32.09 |
| 10/4/2017 | 24.83 | 10/4/2018 | 22.37 | 10/4/2019 | | 10/3/2020 | 25.36 |
| 10/5/2017 | 21.20 | 10/5/2018 | 22.17 | 10/5/2019 | | 10/4/2020 | 21.80 |
| 10/6/2017 | 20.12 | 10/6/2018 | 18.11 | 10/6/2019 | | 10/5/2020 | 25.27 |
| 10/7/2017 | 23.79 | 10/7/2018 | 17.67 | 10/7/2019 | | 10/6/2020 | 24.54 |

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|------------|-------|------------|-------|------------|-------|------------|-------|
| 10/8/2017 | 24.84 | 10/8/2018 | 18.86 | 10/8/2019 | | 10/7/2020 | 24.57 |
| 10/9/2017 | 33.50 | 10/9/2018 | 24.25 | 10/9/2019 | | 10/8/2020 | 23.53 |
| 10/10/2017 | 28.64 | 10/10/2018 | 32.20 | 10/10/2019 | | 10/9/2020 | 23.20 |
| 10/11/2017 | 18.89 | 10/11/2018 | 30.04 | 10/11/2019 | | 10/10/2020 | 20.29 |
| 10/12/2017 | 21.65 | 10/12/2018 | 19.38 | 10/12/2019 | | 10/11/2020 | 21.30 |
| 10/13/2017 | 18.92 | 10/13/2018 | 13.07 | 10/13/2019 | | 10/12/2020 | 20.61 |
| 10/14/2017 | 31.73 | 10/14/2018 | 18.05 | 10/14/2019 | | 10/13/2020 | 25.05 |
| 10/15/2017 | 59.62 | 10/15/2018 | 30.82 | 10/15/2019 | | 10/14/2020 | 24.84 |
| 10/16/2017 | 62.11 | 10/16/2018 | 36.11 | 10/16/2019 | | 10/15/2020 | 25.48 |
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| 10/19/2017 | 34.45 | 10/19/2018 | 35.94 | 10/19/2019 | | 10/18/2020 | 30.79 |
| 10/20/2017 | 34.15 | 10/20/2018 | 40.98 | 10/20/2019 | | 10/19/2020 | 33.94 |
| 10/21/2017 | 25.00 | 10/21/2018 | 37.86 | 10/21/2019 | | 10/20/2020 | 33.76 |
| 10/22/2017 | 31.50 | 10/22/2018 | 36.33 | 10/22/2019 | | 10/21/2020 | 45.87 |
| 10/23/2017 | 53.82 | 10/23/2018 | 33.89 | 10/23/2019 | | 10/22/2020 | 40.73 |
| 10/24/2017 | 62.23 | 10/24/2018 | 36.21 | 10/24/2019 | 20.60 | 10/23/2020 | 34.16 |
| 10/25/2017 | 61.99 | 10/25/2018 | 35.01 | 10/25/2019 | 29.40 | 10/24/2020 | 33.52 |
| 10/26/2017 | 66.05 | 10/26/2018 | 34.19 | 10/26/2019 | 27.35 | 10/25/2020 | 31.16 |
| 10/27/2017 | 59.32 | 10/27/2018 | 32.69 | 10/27/2019 | 23.18 | 10/26/2020 | 25.07 |
| 10/28/2017 | 60.22 | 10/28/2018 | 32.94 | 10/28/2019 | 27.85 | 10/27/2020 | 27.53 |
| 10/29/2017 | 61.48 | 10/29/2018 | 30.39 | 10/29/2019 | 27.43 | 10/28/2020 | 28.07 |
| 10/30/2017 | 51.64 | 10/30/2018 | 32.28 | 10/30/2019 | 24.87 | 10/29/2020 | 31.03 |
| 10/31/2017 | 46.58 | 10/31/2018 | 35.19 | 10/31/2019 | 22.71 | 10/30/2020 | 32.75 |
| 11/1/2017 | 39.69 | 11/1/2018 | 35.23 | 11/1/2019 | 29.59 | 10/31/2020 | 26.45 |
| 11/2/2017 | 41.29 | 11/2/2018 | 31.30 | 11/2/2019 | 34.27 | 11/1/2020 | 23.74 |
| 11/3/2017 | 49.51 | 11/3/2018 | 30.79 | 11/3/2019 | 28.49 | 11/2/2020 | 28.05 |
| 11/4/2017 | 51.10 | 11/4/2018 | 39.97 | 11/4/2019 | 20.12 | 11/3/2020 | 42.42 |
| 11/5/2017 | 47.01 | 11/5/2018 | 35.20 | 11/5/2019 | 21.84 | 11/4/2020 | 39.37 |
| 11/6/2017 | 47.71 | 11/6/2018 | 36.17 | 11/6/2019 | 26.81 | 11/5/2020 | 62.73 |
| 11/7/2017 | 50.38 | 11/7/2018 | 42.33 | 11/7/2019 | 33.23 | 11/6/2020 | 60.37 |
| 11/8/2017 | 55.84 | 11/8/2018 | 47.78 | 11/8/2019 | 33.18 | 11/7/2020 | 60.74 |

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|------------|--------|------------|-------|------------|-------|------------|-------|
| 11/9/2017 | 65.21 | 11/9/2018 | 41.31 | 11/9/2019 | 21.82 | 11/8/2020 | 49.03 |
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| 11/11/2017 | 62.50 | 11/11/2018 | 44.97 | 11/11/2019 | 24.67 | 11/10/2020 | 40.34 |
| 11/12/2017 | 58.58 | 11/12/2018 | 53.11 | 11/12/2019 | 31.27 | 11/11/2020 | 37.68 |
| 11/13/2017 | 45.90 | 11/13/2018 | 41.73 | 11/13/2019 | 35.29 | 11/12/2020 | 34.69 |
| 11/14/2017 | 53.14 | 11/14/2018 | 42.20 | 11/14/2019 | 33.21 | 11/13/2020 | 38.42 |
| 11/15/2017 | 55.18 | 11/15/2018 | 47.66 | 11/15/2019 | 25.99 | 11/14/2020 | 34.30 |
| 11/16/2017 | 53.72 | 11/16/2018 | 60.43 | 11/16/2019 | | 11/15/2020 | 27.34 |
| 11/17/2017 | 44.08 | 11/17/2018 | 57.32 | 11/17/2019 | | 11/16/2020 | 56.38 |
| 11/18/2017 | 48.61 | 11/18/2018 | 60.75 | 11/18/2019 | | 11/17/2020 | 22.62 |
| 11/19/2017 | 54.39 | 11/19/2018 | 66.46 | 11/19/2019 | | 11/18/2020 | 30.30 |
| 11/20/2017 | 64.33 | 11/20/2018 | 66.83 | 11/20/2019 | | 11/19/2020 | 31.65 |
| 11/21/2017 | 71.05 | 11/21/2018 | 78.52 | 11/21/2019 | | 11/20/2020 | 32.44 |
| 11/22/2017 | 59.72 | 11/22/2018 | 89.28 | 11/22/2019 | | 11/21/2020 | 37.72 |
| 11/23/2017 | 61.14 | 11/23/2018 | 75.25 | 11/23/2019 | | 11/22/2020 | 44.12 |
| 11/24/2017 | 60.66 | 11/24/2018 | 55.54 | 11/24/2019 | | 11/23/2020 | 46.53 |
| 11/25/2017 | 82.05 | 11/25/2018 | 60.32 | 11/25/2019 | | 11/24/2020 | 46.02 |
| 11/26/2017 | 76.56 | 11/26/2018 | 52.30 | 11/26/2019 | | 11/25/2020 | 53.69 |
| 11/27/2017 | 70.82 | 11/27/2018 | 50.81 | 11/27/2019 | | 11/26/2020 | 50.18 |
| 11/28/2017 | 75.37 | 11/28/2018 | 57.08 | 11/28/2019 | | 11/27/2020 | 54.21 |
| 11/29/2017 | 108.05 | 11/29/2018 | 53.58 | 11/29/2019 | | 11/28/2020 | 47.12 |
| 11/30/2017 | 86.75 | 11/30/2018 | 44.18 | 11/30/2019 | | 11/29/2020 | 40.78 |
| 12/1/2017 | 79.15 | 12/1/2018 | 40.71 | 12/1/2019 | | 11/30/2020 | 40.74 |
| 12/2/2017 | 74.93 | 12/2/2018 | 53.45 | 12/2/2019 | | 12/1/2020 | 37.14 |
| 12/3/2017 | 70.53 | 12/3/2018 | 55.16 | 12/3/2019 | | 12/2/2020 | 34.96 |
| 12/4/2017 | 68.31 | 12/4/2018 | 53.63 | 12/4/2019 | | 12/3/2020 | 34.71 |
| 12/5/2017 | 81.56 | 12/5/2018 | 58.66 | 12/5/2019 | | 12/4/2020 | 43.00 |
| 12/6/2017 | 69.92 | 12/6/2018 | 50.72 | 12/6/2019 | | 12/5/2020 | 56.06 |
| 12/7/2017 | 52.69 | 12/7/2018 | 51.44 | 12/7/2019 | | 12/6/2020 | 48.95 |
| 12/8/2017 | 68.59 | 12/8/2018 | 56.45 | 12/8/2019 | | 12/7/2020 | 57.89 |
| 12/9/2017 | 65.64 | 12/9/2018 | 57.23 | 12/9/2019 | | 12/8/2020 | 64.88 |
| 12/10/2017 | 66.33 | 12/10/2018 | 49.32 | 12/10/2019 | | 12/9/2020 | 70.83 |

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| Date | Value | Date | Value | Date | Value | Date | Value |
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| 1/1/2017 | | 1/1/2018 | 137.63 | 1/1/2019 | 99.17 | 1/1/2020 | |
| 1/2/2017 | | 1/2/2018 | 127.77 | 1/2/2019 | 96.21 | 1/2/2020 | |
| 1/3/2017 | | 1/3/2018 | 122.13 | 1/3/2019 | 90.55 | 1/3/2020 | |
| 1/4/2017 | | 1/4/2018 | 129.29 | 1/4/2019 | 88.31 | 1/4/2020 | |
| 1/5/2017 | | 1/5/2018 | 141.47 | 1/5/2019 | 100.58 | 1/5/2020 | |
| 1/6/2017 | | 1/6/2018 | 117.79 | 1/6/2019 | 93.68 | 1/6/2020 | 50.99 |
| 1/7/2017 | | 1/7/2018 | 134.49 | 1/7/2019 | 104.72 | 1/7/2020 | 56.84 |
| 1/8/2017 | | 1/8/2018 | 169.64 | 1/8/2019 | 86.13 | 1/8/2020 | 57.09 |
| 1/9/2017 | | 1/9/2018 | 166.49 | 1/9/2019 | 86.51 | 1/9/2020 | 48.21 |
| 1/10/2017 | | 1/10/2018 | 138.53 | 1/10/2019 | 100.64 | 1/10/2020 | 55.37 |
| 1/11/2017 | | 1/11/2018 | 140.24 | 1/11/2019 | 110.96 | 1/11/2020 | 49.47 |
| 1/12/2017 | | 1/12/2018 | 157.15 | 1/12/2019 | 108.72 | 1/12/2020 | 56.91 |
| 1/13/2017 | | 1/13/2018 | 120.92 | 1/13/2019 | 110.81 | 1/13/2020 | 56.69 |
| 1/14/2017 | | 1/14/2018 | 150.76 | 1/14/2019 | 98.23 | 1/14/2020 | 62.02 |
| 1/15/2017 | | 1/15/2018 | 140.98 | 1/15/2019 | 87.56 | 1/15/2020 | 55.55 |
| 1/16/2017 | | 1/16/2018 | 147.17 | 1/16/2019 | 106.93 | 1/16/2020 | 49.52 |
| 1/17/2017 | | 1/17/2018 | 162.02 | 1/17/2019 | 111.70 | 1/17/2020 | 26.24 |
| 1/18/2017 | | 1/18/2018 | 139.96 | 1/18/2019 | 91.75 | 1/18/2020 | 31.10 |
| 1/19/2017 | | 1/19/2018 | 150.84 | 1/19/2019 | 101.01 | 1/19/2020 | 40.31 |
| 1/20/2017 | | 1/20/2018 | 138.66 | 1/20/2019 | 116.70 | 1/20/2020 | 48.88 |
| 1/21/2017 | | 1/21/2018 | 155.12 | 1/21/2019 | 104.81 | 1/21/2020 | 63.75 |
| 1/22/2017 | | 1/22/2018 | 167.99 | 1/22/2019 | 227.30 | 1/22/2020 | 52.33 |
| 1/23/2017 | | 1/23/2018 | 157.62 | 1/23/2019 | 34.59 | 1/23/2020 | 42.20 |
| 1/24/2017 | | 1/24/2018 | 97.80 | 1/24/2019 | 50.70 | 1/24/2020 | 71.10 |
| 1/25/2017 | | 1/25/2018 | 97.54 | 1/25/2019 | 61.27 | 1/25/2020 | 75.88 |
| 1/26/2017 | | 1/26/2018 | 120.70 | 1/26/2019 | 19.73 | 1/26/2020 | 87.71 |
| 1/27/2017 | | 1/27/2018 | 165.08 | 1/27/2019 | 40.01 | 1/27/2020 | 73.49 |
| 1/28/2017 | | 1/28/2018 | 147.32 | 1/28/2019 | 57.62 | 1/28/2020 | 70.46 |
| 1/29/2017 | | 1/29/2018 | 206.56 | 1/29/2019 | 55.04 | 1/29/2020 | 67.99 |
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| 1/31/2017 | | 1/31/2018 | 167.74 | 1/31/2019 | 62.12 | 1/31/2020 | 53.97 |
| 2/1/2017 | | 2/1/2018 | 207.55 | 2/1/2019 | 69.07 | 2/1/2020 | 67.60 |
| 2/2/2017 | | 2/2/2018 | 219.95 | 2/2/2019 | 61.13 | 2/2/2020 | 62.19 |
| 2/3/2017 | | 2/3/2018 | 163.12 | 2/3/2019 | 69.77 | 2/3/2020 | 65.59 |
| 2/4/2017 | | 2/4/2018 | 185.36 | 2/4/2019 | 78.49 | 2/4/2020 | 78.66 |
| 2/5/2017 | | 2/5/2018 | 182.54 | 2/5/2019 | 81.25 | 2/5/2020 | 71.59 |
| 2/6/2017 | | 2/6/2018 | 156.79 | 2/6/2019 | 99.47 | 2/6/2020 | 88.10 |
| 2/7/2017 | | 2/7/2018 | 157.56 | 2/7/2019 | 42.67 | 2/7/2020 | 83.45 |
| 2/8/2017 | | 2/8/2018 | 131.57 | 2/8/2019 | 22.94 | 2/8/2020 | 89.26 |
| 2/9/2017 | | 2/9/2018 | 182.06 | 2/9/2019 | 18.66 | 2/9/2020 | 74.82 |
| 2/10/2017 | | 2/10/2018 | 212.80 | 2/10/2019 | 41.03 | 2/10/2020 | 76.80 |
| 2/11/2017 | | 2/11/2018 | 221.09 | 2/11/2019 | 46.52 | 2/11/2020 | 81.47 |
| 2/12/2017 | | 2/12/2018 | 191.31 | 2/12/2019 | 55.51 | 2/12/2020 | 84.76 |
| 2/13/2017 | | 2/13/2018 | 105.05 | 2/13/2019 | 56.32 | 2/13/2020 | 99.68 |
| 2/14/2017 | | 2/14/2018 | 145.20 | 2/14/2019 | 62.82 | 2/14/2020 | 99.09 |
| 2/15/2017 | | 2/15/2018 | 117.90 | 2/15/2019 | 49.35 | 2/15/2020 | 121.18 |
| 2/16/2017 | | 2/16/2018 | 186.25 | 2/16/2019 | 28.35 | 2/16/2020 | 141.47 |
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| 2/18/2017 | | 2/18/2018 | 165.49 | 2/18/2019 | 57.30 | 2/18/2020 | 117.23 |
| 2/19/2017 | | 2/19/2018 | 169.33 | 2/19/2019 | 59.87 | 2/19/2020 | 108.36 |
| 2/20/2017 | | 2/20/2018 | 152.37 | 2/20/2019 | 52.80 | 2/20/2020 | 107.10 |
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| 2/22/2017 | | 2/22/2018 | 142.06 | 2/22/2019 | 75.99 | 2/22/2020 | 71.38 |
| 2/23/2017 | | 2/23/2018 | 96.68 | 2/23/2019 | 79.03 | 2/23/2020 | 73.16 |
| 2/24/2017 | | 2/24/2018 | 133.22 | 2/24/2019 | 74.39 | 2/24/2020 | 93.89 |
| 2/25/2017 | | 2/25/2018 | 131.18 | 2/25/2019 | 100.17 | 2/25/2020 | 42.50 |
| 2/26/2017 | | 2/26/2018 | 80.54 | 2/26/2019 | 96.23 | 2/26/2020 | 20.80 |
| 2/27/2017 | | 2/27/2018 | 120.52 | 2/27/2019 | 25.14 | 2/27/2020 | 24.46 |
| 2/28/2017 | | 2/28/2018 | 128.37 | 2/28/2019 | 23.24 | 2/28/2020 | 38.91 |
| 3/1/2017 | | 3/1/2018 | 125.15 | 3/1/2019 | 37.58 | 2/29/2020 | 49.40 |
| 3/2/2017 | | 3/2/2018 | 83.96 | 3/2/2019 | 46.14 | 3/1/2020 | 57.53 |
| 3/3/2017 | | 3/3/2018 | 89.56 | 3/3/2019 | 42.76 | 3/2/2020 | 65.11 |

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| 3/4/2017 | | 3/4/2018 | 140.68 | 3/4/2019 | 48.54 | 3/3/2020 | 51.95 |
| 3/5/2017 | | 3/5/2018 | 154.97 | 3/5/2019 | 48.68 | 3/4/2020 | 37.99 |
| 3/6/2017 | | 3/6/2018 | 183.80 | 3/6/2019 | 61.73 | 3/5/2020 | 57.99 |
| 3/7/2017 | | 3/7/2018 | 191.56 | 3/7/2019 | 85.91 | 3/6/2020 | 69.95 |
| 3/8/2017 | | 3/8/2018 | 260.75 | 3/8/2019 | 60.14 | 3/7/2020 | 31.14 |
| 3/9/2017 | | 3/9/2018 | 99.44 | 3/9/2019 | 47.17 | 3/8/2020 | 43.73 |
| 3/10/2017 | | 3/10/2018 | 72.11 | 3/10/2019 | | 3/9/2020 | 51.02 |
| 3/11/2017 | | 3/11/2018 | 82.61 | 3/11/2019 | | 3/10/2020 | 88.27 |
| 3/12/2017 | | 3/12/2018 | 85.69 | 3/12/2019 | 104.03 | 3/11/2020 | 72.55 |
| 3/13/2017 | | 3/13/2018 | 119.22 | 3/13/2019 | 98.35 | 3/12/2020 | 72.89 |
| 3/14/2017 | | 3/14/2018 | 170.31 | 3/14/2019 | 101.08 | 3/13/2020 | 87.66 |
| 3/15/2017 | | 3/15/2018 | 165.16 | 3/15/2019 | 175.38 | 3/14/2020 | 67.91 |
| 3/16/2017 | | 3/16/2018 | 61.05 | 3/16/2019 | 89.46 | 3/15/2020 | 98.24 |
| 3/17/2017 | | 3/17/2018 | 81.31 | 3/17/2019 | 122.74 | 3/16/2020 | 71.71 |
| 3/18/2017 | | 3/18/2018 | 120.50 | 3/18/2019 | 126.80 | 3/17/2020 | 79.86 |
| 3/19/2017 | | 3/19/2018 | 150.39 | 3/19/2019 | 81.91 | 3/18/2020 | 66.11 |
| 3/20/2017 | | 3/20/2018 | 283.73 | 3/20/2019 | 60.49 | 3/19/2020 | 45.01 |
| 3/21/2017 | | 3/21/2018 | 190.47 | 3/21/2019 | 57.25 | 3/20/2020 | 36.74 |
| 3/22/2017 | | 3/22/2018 | 214.65 | 3/22/2019 | 86.92 | 3/21/2020 | 44.54 |
| 3/23/2017 | | 3/23/2018 | 191.44 | 3/23/2019 | 99.80 | 3/22/2020 | 38.51 |
| 3/24/2017 | | 3/24/2018 | 218.18 | 3/24/2019 | 135.25 | 3/23/2020 | 29.06 |
| 3/25/2017 | | 3/25/2018 | 360.90 | 3/25/2019 | 147.08 | 3/24/2020 | 39.80 |
| 3/26/2017 | | 3/26/2018 | 194.27 | 3/26/2019 | 59.71 | 3/25/2020 | 39.00 |
| 3/27/2017 | | 3/27/2018 | 280.99 | 3/27/2019 | 42.73 | 3/26/2020 | 39.33 |
| 3/28/2017 | | 3/28/2018 | 282.61 | 3/28/2019 | 60.01 | 3/27/2020 | 51.61 |
| 3/29/2017 | | 3/29/2018 | 90.48 | 3/29/2019 | 90.41 | 3/28/2020 | 42.26 |
| 3/30/2017 | | 3/30/2018 | 65.44 | 3/30/2019 | 69.42 | 3/29/2020 | 54.43 |
| 3/31/2017 | | 3/31/2018 | 71.80 | 3/31/2019 | 75.28 | 3/30/2020 | 56.22 |
| 4/1/2017 | | 4/1/2018 | 151.17 | 4/1/2019 | 57.09 | 3/31/2020 | 65.29 |
| 4/2/2017 | | 4/2/2018 | 192.19 | 4/2/2019 | 65.22 | 4/1/2020 | 57.80 |
| 4/3/2017 | | 4/3/2018 | 210.44 | 4/3/2019 | 84.80 | 4/2/2020 | 48.94 |
| 4/4/2017 | | 4/4/2018 | 77.15 | 4/4/2019 | 90.51 | 4/3/2020 | 50.18 |

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|-----------|--|-----------|-------|-----------|-------|-----------|--------|
| 4/5/2017 | | 4/5/2018 | 68.27 | 4/5/2019 | 77.03 | 4/4/2020 | 90.68 |
| 4/6/2017 | | 4/6/2018 | 84.78 | 4/6/2019 | 38.35 | 4/5/2020 | 70.01 |
| 4/7/2017 | | 4/7/2018 | 50.91 | 4/7/2019 | 31.85 | 4/6/2020 | 84.81 |
| 4/8/2017 | | 4/8/2018 | 81.87 | 4/8/2019 | 36.12 | 4/7/2020 | 102.25 |
| 4/9/2017 | | 4/9/2018 | 95.01 | 4/9/2019 | 45.82 | 4/8/2020 | 125.32 |
| 4/10/2017 | | 4/10/2018 | 89.10 | 4/10/2019 | 49.72 | 4/9/2020 | 126.05 |
| 4/11/2017 | | 4/11/2018 | 52.47 | 4/11/2019 | 55.95 | 4/10/2020 | 126.40 |
| 4/12/2017 | | 4/12/2018 | 58.84 | 4/12/2019 | 68.33 | 4/11/2020 | 146.76 |
| 4/13/2017 | | 4/13/2018 | 39.40 | 4/13/2019 | 54.64 | 4/12/2020 | 113.71 |
| 4/14/2017 | | 4/14/2018 | | 4/14/2019 | 49.08 | 4/13/2020 | 149.05 |
| 4/15/2017 | | 4/15/2018 | | 4/15/2019 | 53.03 | 4/14/2020 | 42.42 |
| 4/16/2017 | | 4/16/2018 | | 4/16/2019 | 66.79 | 4/15/2020 | 26.27 |
| 4/17/2017 | | 4/17/2018 | | 4/17/2019 | 36.84 | 4/16/2020 | 43.91 |
| 4/18/2017 | | 4/18/2018 | | 4/18/2019 | 56.94 | 4/17/2020 | 52.70 |
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| 4/20/2017 | | 4/20/2018 | | 4/20/2019 | 46.41 | 4/19/2020 | 46.75 |
| 4/21/2017 | | 4/21/2018 | | 4/21/2019 | 70.83 | 4/20/2020 | 47.97 |
| 4/22/2017 | | 4/22/2018 | | 4/22/2019 | 67.09 | 4/21/2020 | 23.48 |
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| 4/24/2017 | | 4/24/2018 | | 4/24/2019 | 62.86 | 4/23/2020 | 28.49 |
| 4/25/2017 | | 4/25/2018 | | 4/25/2019 | 60.01 | 4/24/2020 | 33.62 |
| 4/26/2017 | | 4/26/2018 | | 4/26/2019 | 62.19 | 4/25/2020 | 34.98 |
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| 4/29/2017 | | 4/29/2018 | | 4/29/2019 | 72.79 | 4/28/2020 | 33.68 |
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| 5/7/2017 | | 5/7/2018 | | 5/7/2019 | 81.62 | 5/6/2020 | 32.06 |
| 5/8/2017 | | 5/8/2018 | | 5/8/2019 | 95.78 | 5/7/2020 | 32.60 |
| 5/9/2017 | | 5/9/2018 | | 5/9/2019 | 108.52 | 5/8/2020 | 33.65 |
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| 6/8/2017 | | 6/8/2018 | | 6/8/2019 | | 6/7/2020 | |
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| 6/17/2017 | | 6/17/2018 | | 6/17/2019 | 38.71 | 6/16/2020 | |
| 6/18/2017 | | 6/18/2018 | | 6/18/2019 | 22.90 | 6/17/2020 | |
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| 6/22/2017 | | 6/22/2018 | | 6/22/2019 | 7.42 | 6/21/2020 | |
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| 7/8/2017 | | 7/8/2018 | | 7/8/2019 | 7.91 | 7/7/2020 | |
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| 7/10/2017 | | 7/10/2018 | | 7/10/2019 | 7.31 | 7/9/2020 | |
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| 7/16/2017 | | 7/16/2018 | | 7/16/2019 | 33.07 | 7/15/2020 | |
| 7/17/2017 | | 7/17/2018 | | 7/17/2019 | 16.59 | 7/16/2020 | |
| 7/18/2017 | | 7/18/2018 | | 7/18/2019 | 13.51 | 7/17/2020 | |
| 7/19/2017 | | 7/19/2018 | | 7/19/2019 | 15.99 | 7/18/2020 | |
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| 7/22/2017 | | 7/22/2018 | | 7/22/2019 | 13.53 | 7/21/2020 | |
| 7/23/2017 | | 7/23/2018 | | 7/23/2019 | 8.12 | 7/22/2020 | |
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| 7/25/2017 | | 7/25/2018 | | 7/25/2019 | 10.73 | 7/24/2020 | |
| 7/26/2017 | | 7/26/2018 | | 7/26/2019 | 6.75 | 7/25/2020 | |
| 7/27/2017 | | 7/27/2018 | | 7/27/2019 | 8.89 | 7/26/2020 | |
| 7/28/2017 | | 7/28/2018 | 50.59 | 7/28/2019 | 9.73 | 7/27/2020 | |
| 7/29/2017 | | 7/29/2018 | 13.46 | 7/29/2019 | 13.93 | 7/28/2020 | |
| 7/30/2017 | | 7/30/2018 | 15.57 | 7/30/2019 | 10.69 | 7/29/2020 | |
| 7/31/2017 | | 7/31/2018 | 18.30 | 7/31/2019 | 10.21 | 7/30/2020 | |
| 8/1/2017 | | 8/1/2018 | 9.00 | 8/1/2019 | 7.96 | 7/31/2020 | |
| 8/2/2017 | | 8/2/2018 | 12.27 | 8/2/2019 | 12.43 | 8/1/2020 | |
| 8/3/2017 | | 8/3/2018 | 12.05 | 8/3/2019 | 9.09 | 8/2/2020 | |
| 8/4/2017 | | 8/4/2018 | 9.68 | 8/4/2019 | 11.31 | 8/3/2020 | |
| 8/5/2017 | | 8/5/2018 | 12.08 | 8/5/2019 | 8.62 | 8/4/2020 | |
| 8/6/2017 | | 8/6/2018 | 13.21 | 8/6/2019 | 9.64 | 8/5/2020 | |
| 8/7/2017 | | 8/7/2018 | 17.20 | 8/7/2019 | 8.51 | 8/6/2020 | |
| 8/8/2017 | | 8/8/2018 | 16.02 | 8/8/2019 | 8.85 | 8/7/2020 | |
| 8/9/2017 | | 8/9/2018 | 22.13 | 8/9/2019 | 9.32 | 8/8/2020 | |
| 8/10/2017 | | 8/10/2018 | 16.32 | 8/10/2019 | 9.75 | 8/9/2020 | |

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| 8/11/2017 | | 8/11/2018 | 9.09 | 8/11/2019 | 7.37 | 8/10/2020 | |
| 8/12/2017 | | 8/12/2018 | 12.60 | 8/12/2019 | 12.14 | 8/11/2020 | |
| 8/13/2017 | | 8/13/2018 | 9.36 | 8/13/2019 | 9.42 | 8/12/2020 | |
| 8/14/2017 | | 8/14/2018 | 13.86 | 8/14/2019 | 10.86 | 8/13/2020 | |
| 8/15/2017 | | 8/15/2018 | 13.01 | 8/15/2019 | 7.92 | 8/14/2020 | |
| 8/16/2017 | 14.89 | 8/16/2018 | 12.56 | 8/16/2019 | 12.06 | 8/15/2020 | |
| 8/17/2017 | 25.84 | 8/17/2018 | 11.74 | 8/17/2019 | 11.32 | 8/16/2020 | |
| 8/18/2017 | 31.82 | 8/18/2018 | 11.12 | 8/18/2019 | 11.82 | 8/17/2020 | |
| 8/19/2017 | 23.31 | 8/19/2018 | 10.74 | 8/19/2019 | 6.55 | 8/18/2020 | |
| 8/20/2017 | 21.08 | 8/20/2018 | 16.23 | 8/20/2019 | 10.90 | 8/19/2020 | |
| 8/21/2017 | 25.59 | 8/21/2018 | 13.63 | 8/21/2019 | 14.26 | 8/20/2020 | |
| 8/22/2017 | 19.25 | 8/22/2018 | 9.61 | 8/22/2019 | 8.49 | 8/21/2020 | |
| 8/23/2017 | 26.41 | 8/23/2018 | 11.34 | 8/23/2019 | 15.27 | 8/22/2020 | |
| 8/24/2017 | 26.99 | 8/24/2018 | 7.87 | 8/24/2019 | 5.38 | 8/23/2020 | |
| 8/25/2017 | 32.99 | 8/25/2018 | 9.77 | 8/25/2019 | 8.17 | 8/24/2020 | |
| 8/26/2017 | 28.89 | 8/26/2018 | 17.36 | 8/26/2019 | 10.28 | 8/25/2020 | |
| 8/27/2017 | 30.53 | 8/27/2018 | 9.82 | 8/27/2019 | 13.69 | 8/26/2020 | |
| 8/28/2017 | 21.76 | 8/28/2018 | 10.23 | 8/28/2019 | 16.00 | 8/27/2020 | |
| 8/29/2017 | 29.44 | 8/29/2018 | 10.64 | 8/29/2019 | 10.52 | 8/28/2020 | |
| 8/30/2017 | 30.91 | 8/30/2018 | 10.47 | 8/30/2019 | 16.00 | 8/29/2020 | |
| 8/31/2017 | 26.49 | 8/31/2018 | 8.56 | 8/31/2019 | 12.27 | 8/30/2020 | |
| 9/1/2017 | 22.53 | 9/1/2018 | 16.37 | 9/1/2019 | 7.71 | 8/31/2020 | |
| 9/2/2017 | 13.53 | 9/2/2018 | 9.70 | 9/2/2019 | 11.82 | 9/1/2020 | |
| 9/3/2017 | 11.54 | 9/3/2018 | 11.03 | 9/3/2019 | | 9/2/2020 | |
| 9/4/2017 | 25.15 | 9/4/2018 | 16.39 | 9/4/2019 | | 9/3/2020 | |
| 9/5/2017 | 42.12 | 9/5/2018 | 21.31 | 9/5/2019 | | 9/4/2020 | |
| 9/6/2017 | 60.48 | 9/6/2018 | 17.57 | 9/6/2019 | | 9/5/2020 | |
| 9/7/2017 | 49.18 | 9/7/2018 | 13.98 | 9/7/2019 | | 9/6/2020 | |
| 9/8/2017 | 37.45 | 9/8/2018 | 17.67 | 9/8/2019 | | 9/7/2020 | |
| 9/9/2017 | 41.84 | 9/9/2018 | 18.87 | 9/9/2019 | | 9/8/2020 | |
| 9/10/2017 | 50.58 | 9/10/2018 | 7.79 | 9/10/2019 | | 9/9/2020 | |
| 9/11/2017 | 29.56 | 9/11/2018 | 8.23 | 9/11/2019 | | 9/10/2020 | |

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| 9/12/2017 | 27.15 | 9/12/2018 | 7.88 | 9/12/2019 | | 9/11/2020 | |
| 9/13/2017 | 32.88 | 9/13/2018 | 8.05 | 9/13/2019 | | 9/12/2020 | |
| 9/14/2017 | 52.76 | 9/14/2018 | 13.59 | 9/14/2019 | | 9/13/2020 | |
| 9/15/2017 | 59.09 | 9/15/2018 | 17.34 | 9/15/2019 | | 9/14/2020 | |
| 9/16/2017 | 59.26 | 9/16/2018 | 16.28 | 9/16/2019 | | 9/15/2020 | |
| 9/17/2017 | 50.90 | 9/17/2018 | 18.67 | 9/17/2019 | | 9/16/2020 | |
| 9/18/2017 | 27.44 | 9/18/2018 | 17.05 | 9/18/2019 | | 9/17/2020 | |
| 9/19/2017 | 38.76 | 9/19/2018 | 25.37 | 9/19/2019 | | 9/18/2020 | |
| 9/20/2017 | 41.72 | 9/20/2018 | 23.40 | 9/20/2019 | | 9/19/2020 | |
| 9/21/2017 | 16.66 | 9/21/2018 | 11.57 | 9/21/2019 | | 9/20/2020 | |
| 9/22/2017 | 26.97 | 9/22/2018 | 12.47 | 9/22/2019 | | 9/21/2020 | |
| 9/23/2017 | 41.39 | 9/23/2018 | 20.14 | 9/23/2019 | | 9/22/2020 | |
| 9/24/2017 | 40.38 | 9/24/2018 | 20.12 | 9/24/2019 | | 9/23/2020 | |
| 9/25/2017 | 66.86 | 9/25/2018 | 26.50 | 9/25/2019 | | 9/24/2020 | |
| 9/26/2017 | 74.53 | 9/26/2018 | 27.15 | 9/26/2019 | | 9/25/2020 | |
| 9/27/2017 | 56.97 | 9/27/2018 | 27.29 | 9/27/2019 | | 9/26/2020 | |
| 9/28/2017 | 55.19 | 9/28/2018 | 34.37 | 9/28/2019 | | 9/27/2020 | |
| 9/29/2017 | 44.46 | 9/29/2018 | 35.03 | 9/29/2019 | | 9/28/2020 | |
| 9/30/2017 | 16.61 | 9/30/2018 | 38.65 | 9/30/2019 | | 9/29/2020 | |
| 10/1/2017 | 26.26 | 10/1/2018 | 38.36 | 10/1/2019 | | 9/30/2020 | 34.84 |
| 10/2/2017 | 34.61 | 10/2/2018 | 39.61 | 10/2/2019 | | 10/1/2020 | 38.70 |
| 10/3/2017 | 32.21 | 10/3/2018 | 30.79 | 10/3/2019 | | 10/2/2020 | 40.48 |
| 10/4/2017 | 43.72 | 10/4/2018 | 27.80 | 10/4/2019 | | 10/3/2020 | 31.65 |
| 10/5/2017 | 38.74 | 10/5/2018 | 31.98 | 10/5/2019 | | 10/4/2020 | 31.11 |
| 10/6/2017 | 39.99 | 10/6/2018 | 28.64 | 10/6/2019 | | 10/5/2020 | 35.38 |
| 10/7/2017 | 53.71 | 10/7/2018 | 29.56 | 10/7/2019 | | 10/6/2020 | 50.41 |
| 10/8/2017 | 46.62 | 10/8/2018 | 27.19 | 10/8/2019 | | 10/7/2020 | 48.93 |
| 10/9/2017 | 60.97 | 10/9/2018 | 36.62 | 10/9/2019 | | 10/8/2020 | 68.47 |
| 10/10/2017 | 59.60 | 10/10/2018 | 48.43 | 10/10/2019 | | 10/9/2020 | 43.80 |
| 10/11/2017 | 41.29 | 10/11/2018 | 48.35 | 10/11/2019 | | 10/10/2020 | 36.55 |
| 10/12/2017 | 51.38 | 10/12/2018 | 37.14 | 10/12/2019 | | 10/11/2020 | 37.97 |
| 10/13/2017 | 34.29 | 10/13/2018 | 21.74 | 10/13/2019 | | 10/12/2020 | 31.14 |

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|------------|--------|------------|-------|------------|-------|------------|--------|
| 10/14/2017 | 52.92 | 10/14/2018 | 30.28 | 10/14/2019 | | 10/13/2020 | 38.24 |
| 10/15/2017 | 79.93 | 10/15/2018 | 43.05 | 10/15/2019 | | 10/14/2020 | 43.52 |
| 10/16/2017 | 85.35 | 10/16/2018 | 47.33 | 10/16/2019 | | 10/15/2020 | 45.24 |
| 10/17/2017 | 80.58 | 10/17/2018 | 55.37 | 10/17/2019 | | 10/16/2020 | 44.35 |
| 10/18/2017 | 86.47 | 10/18/2018 | 45.80 | 10/18/2019 | | 10/17/2020 | 55.00 |
| 10/19/2017 | 62.99 | 10/19/2018 | 40.03 | 10/19/2019 | | 10/18/2020 | 55.86 |
| 10/20/2017 | 56.16 | 10/20/2018 | 51.46 | 10/20/2019 | | 10/19/2020 | 59.14 |
| 10/21/2017 | 37.90 | 10/21/2018 | 46.86 | 10/21/2019 | | 10/20/2020 | 72.95 |
| 10/22/2017 | 51.45 | 10/22/2018 | 46.82 | 10/22/2019 | | 10/21/2020 | 68.87 |
| 10/23/2017 | 76.72 | 10/23/2018 | 47.35 | 10/23/2019 | | 10/22/2020 | 57.90 |
| 10/24/2017 | 97.22 | 10/24/2018 | 51.75 | 10/24/2019 | 29.99 | 10/23/2020 | 135.87 |
| 10/25/2017 | 106.51 | 10/25/2018 | 50.37 | 10/25/2019 | 33.27 | 10/24/2020 | 52.14 |
| 10/26/2017 | 106.95 | 10/26/2018 | 53.99 | 10/26/2019 | 33.57 | 10/25/2020 | 61.03 |
| 10/27/2017 | 83.27 | 10/27/2018 | 53.79 | 10/27/2019 | 26.43 | 10/26/2020 | 48.64 |
| 10/28/2017 | 84.46 | 10/28/2018 | 52.45 | 10/28/2019 | 30.65 | 10/27/2020 | 48.83 |
| 10/29/2017 | 110.90 | 10/29/2018 | 46.51 | 10/29/2019 | 30.57 | 10/28/2020 | 48.04 |
| 10/30/2017 | 98.33 | 10/30/2018 | 63.18 | 10/30/2019 | 26.89 | 10/29/2020 | 61.99 |
| 10/31/2017 | 63.48 | 10/31/2018 | 64.11 | 10/31/2019 | 26.76 | 10/30/2020 | 84.91 |
| 11/1/2017 | 77.87 | 11/1/2018 | 55.63 | 11/1/2019 | 32.82 | 10/31/2020 | 91.30 |
| 11/2/2017 | 78.85 | 11/2/2018 | 48.43 | 11/2/2019 | 39.36 | 11/1/2020 | 71.60 |
| 11/3/2017 | 96.78 | 11/3/2018 | 50.37 | 11/3/2019 | 33.03 | 11/2/2020 | 65.68 |
| 11/4/2017 | 102.19 | 11/4/2018 | 58.62 | 11/4/2019 | 22.50 | 11/3/2020 | 117.45 |
| 11/5/2017 | 99.33 | 11/5/2018 | 52.19 | 11/5/2019 | 24.18 | 11/4/2020 | 76.67 |
| 11/6/2017 | 102.64 | 11/6/2018 | 54.64 | 11/6/2019 | 29.83 | 11/5/2020 | 85.25 |
| 11/7/2017 | 89.97 | 11/7/2018 | 57.44 | 11/7/2019 | 39.01 | 11/6/2020 | 95.97 |
| 11/8/2017 | 114.36 | 11/8/2018 | 63.78 | 11/8/2019 | 37.23 | 11/7/2020 | 95.65 |
| 11/9/2017 | 121.51 | 11/9/2018 | 54.63 | 11/9/2019 | 25.42 | 11/8/2020 | 70.72 |
| 11/10/2017 | 104.52 | 11/10/2018 | 58.61 | 11/10/2019 | 30.59 | 11/9/2020 | 82.88 |
| 11/11/2017 | 124.12 | 11/11/2018 | 72.05 | 11/11/2019 | 28.85 | 11/10/2020 | 81.41 |
| 11/12/2017 | 95.16 | 11/12/2018 | 73.01 | 11/12/2019 | 37.70 | 11/11/2020 | 60.93 |
| 11/13/2017 | 73.44 | 11/13/2018 | 61.79 | 11/13/2019 | 42.61 | 11/12/2020 | 70.03 |
| 11/14/2017 | 96.92 | 11/14/2018 | 63.92 | 11/14/2019 | 41.31 | 11/13/2020 | 88.78 |

| | | | | | | | |
|------------|--------|------------|--------|------------|-------|------------|--------|
| 11/15/2017 | 92.58 | 11/15/2018 | 69.36 | 11/15/2019 | 26.15 | 11/14/2020 | 63.50 |
| 11/16/2017 | 92.05 | 11/16/2018 | 80.90 | 11/16/2019 | | 11/15/2020 | 52.56 |
| 11/17/2017 | 77.31 | 11/17/2018 | 77.64 | 11/17/2019 | | 11/16/2020 | 119.27 |
| 11/18/2017 | 80.12 | 11/18/2018 | 80.71 | 11/18/2019 | | 11/17/2020 | 43.13 |
| 11/19/2017 | 93.94 | 11/19/2018 | 85.97 | 11/19/2019 | | 11/18/2020 | 85.66 |
| 11/20/2017 | 123.45 | 11/20/2018 | 84.78 | 11/20/2019 | | 11/19/2020 | 69.07 |
| 11/21/2017 | 122.29 | 11/21/2018 | 97.65 | 11/21/2019 | | 11/20/2020 | 80.42 |
| 11/22/2017 | 99.68 | 11/22/2018 | 114.25 | 11/22/2019 | | 11/21/2020 | 60.20 |
| 11/23/2017 | 107.35 | 11/23/2018 | 107.56 | 11/23/2019 | | 11/22/2020 | 73.92 |
| 11/24/2017 | 89.97 | 11/24/2018 | 92.52 | 11/24/2019 | | 11/23/2020 | 81.13 |
| 11/25/2017 | 157.70 | 11/25/2018 | 98.57 | 11/25/2019 | | 11/24/2020 | 78.69 |
| 11/26/2017 | 142.91 | 11/26/2018 | 74.32 | 11/26/2019 | | 11/25/2020 | 73.79 |
| 11/27/2017 | 123.99 | 11/27/2018 | 76.52 | 11/27/2019 | | 11/26/2020 | 112.31 |
| 11/28/2017 | 119.83 | 11/28/2018 | 74.36 | 11/28/2019 | | 11/27/2020 | 89.19 |
| 11/29/2017 | 151.48 | 11/29/2018 | 71.08 | 11/29/2019 | | 11/28/2020 | 130.98 |
| 11/30/2017 | 123.05 | 11/30/2018 | 63.22 | 11/30/2019 | | 11/29/2020 | 63.03 |
| 12/1/2017 | 116.04 | 12/1/2018 | 67.66 | 12/1/2019 | | 11/30/2020 | 52.56 |
| 12/2/2017 | 117.14 | 12/2/2018 | 72.50 | 12/2/2019 | | 12/1/2020 | 66.65 |
| 12/3/2017 | 116.76 | 12/3/2018 | 74.30 | 12/3/2019 | | 12/2/2020 | 51.73 |
| 12/4/2017 | 109.87 | 12/4/2018 | 76.26 | 12/4/2019 | | 12/3/2020 | 70.76 |
| 12/5/2017 | 113.23 | 12/5/2018 | 79.54 | 12/5/2019 | | 12/4/2020 | 76.81 |
| 12/6/2017 | 107.20 | 12/6/2018 | 69.42 | 12/6/2019 | | 12/5/2020 | 82.00 |
| 12/7/2017 | 76.15 | 12/7/2018 | 66.38 | 12/7/2019 | | 12/6/2020 | 65.49 |
| 12/8/2017 | 101.64 | 12/8/2018 | 80.15 | 12/8/2019 | | 12/7/2020 | 77.18 |
| 12/9/2017 | 101.91 | 12/9/2018 | 76.11 | 12/9/2019 | | 12/8/2020 | 86.08 |
| 12/10/2017 | 110.98 | 12/10/2018 | 68.36 | 12/10/2019 | | 12/9/2020 | 77.74 |
| 12/11/2017 | 112.81 | 12/11/2018 | 65.07 | 12/11/2019 | | 12/10/2020 | 64.16 |
| 12/12/2017 | 97.19 | 12/12/2018 | 78.98 | 12/12/2019 | | 12/11/2020 | 49.92 |
| 12/13/2017 | 91.47 | 12/13/2018 | 64.42 | 12/13/2019 | | 12/12/2020 | 80.51 |
| 12/14/2017 | 120.01 | 12/14/2018 | 68.52 | 12/14/2019 | | 12/13/2020 | 53.40 |
| 12/15/2017 | 113.06 | 12/15/2018 | 71.51 | 12/15/2019 | | 12/14/2020 | 56.15 |
| 12/16/2017 | 107.86 | 12/16/2018 | 74.79 | 12/16/2019 | | 12/15/2020 | 61.75 |

