

Environmental monitoring and assessment Directorate.

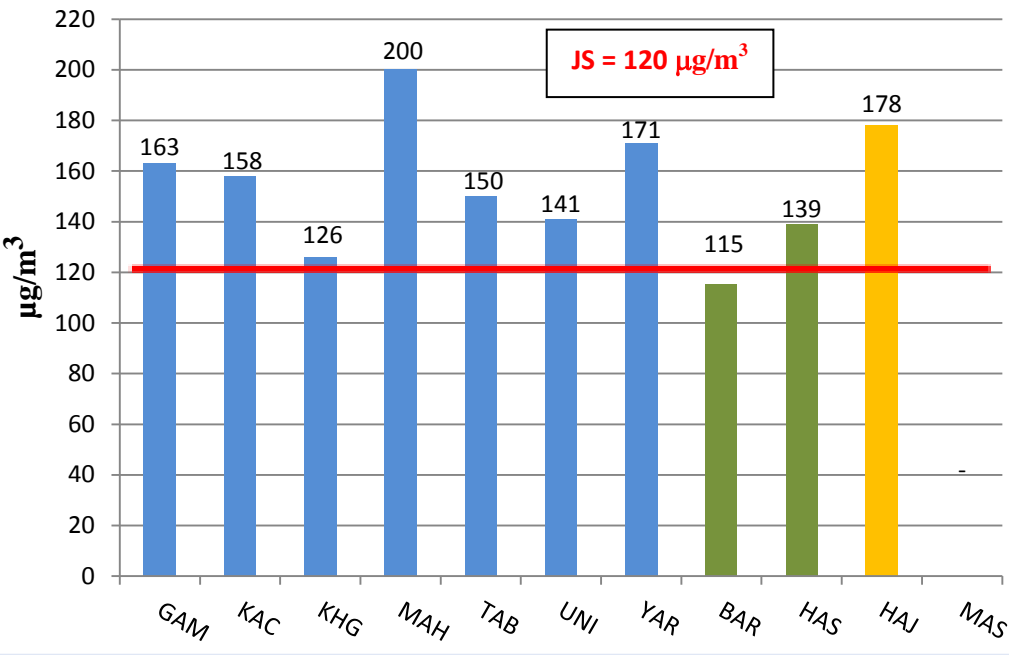
Results of Particulate Matter (PM10) and (NO₂, SO₂, CO, O₃, H₂S) Gases.

In (Amman, Irbid – Al-zarqa).

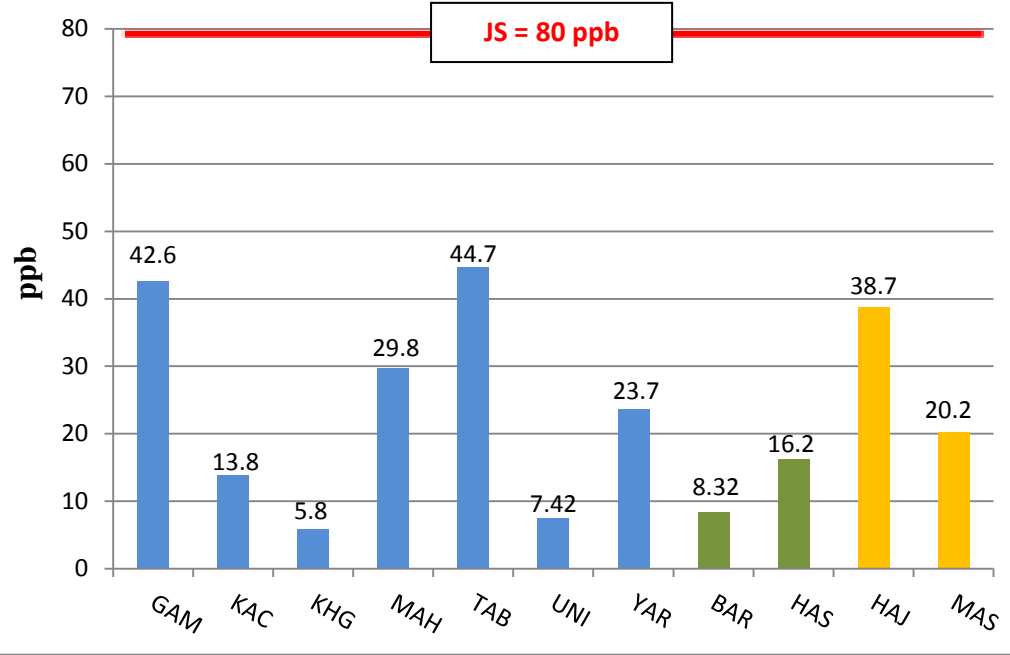
(3-1-2019) Daily Average

| GAM | KAC | KHG | MAH | TAB | UNI | YAR | BAR | HAS | HAJ | MAS | ANB | UMS |
|-----------------------|--|----------------------|--------------|--------------------|-----------------------|--------------------------|-------------------|---------------------------|--------------------|-----------------|--|------------------|
| امانة عمان الكبرى () | مدينة الملك عبدالله الثاني الصناعية/سحاب | حدائق الملك حسين () | ماركا/المحطة | جبل الحسين /طبربور | شارع الجامعة الاردنية | حديقة اليرموك/وادي الرمم | شارع البارحة/اربد | مدينة الحسن الرياضية/اربد | وادي الحجر/الزرقاء | المصانع/الزرقاء | أمينة الغفارية (ابن الأنباري)/الهاشمية | ام شريك/الهاشمية |

PM10 Daily Average

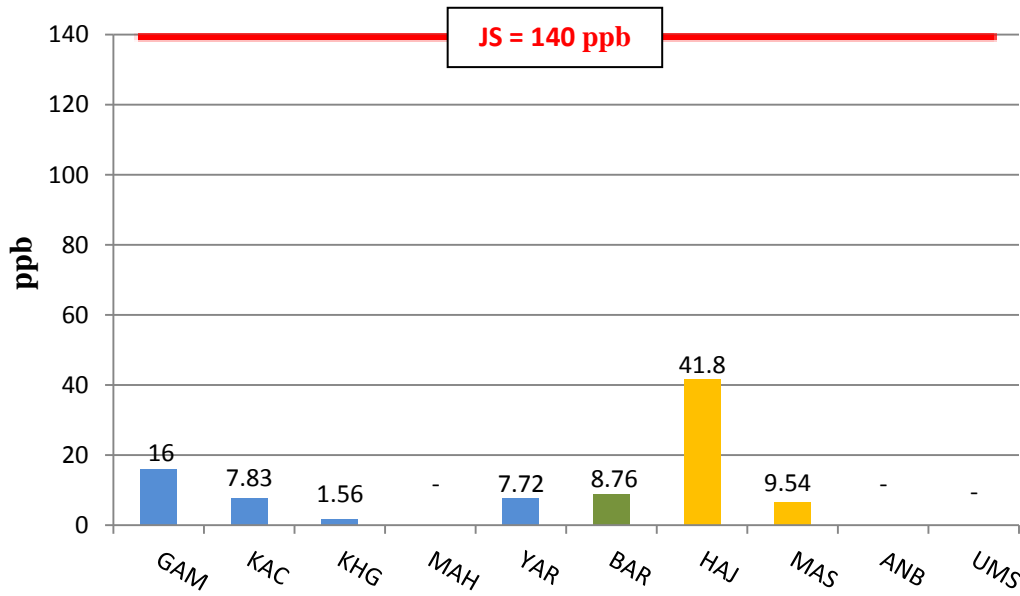


NO₂ Daily Average

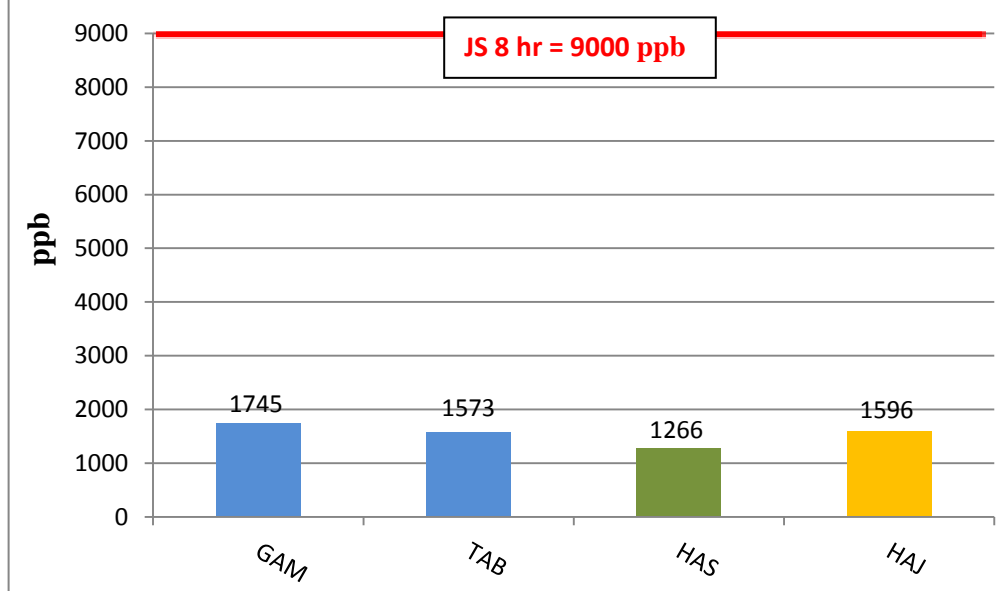


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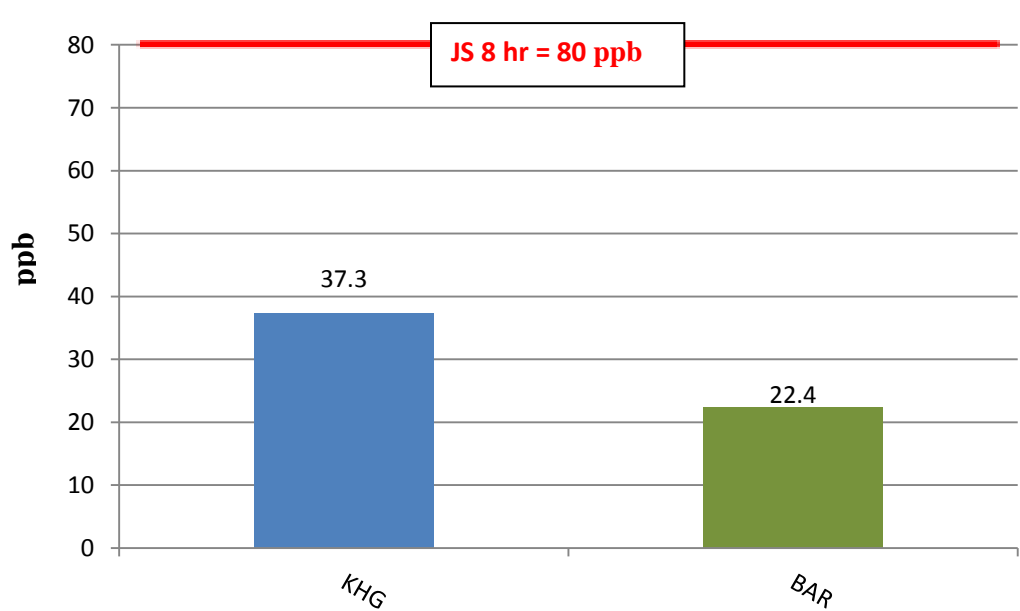
SO₂ Daily Average



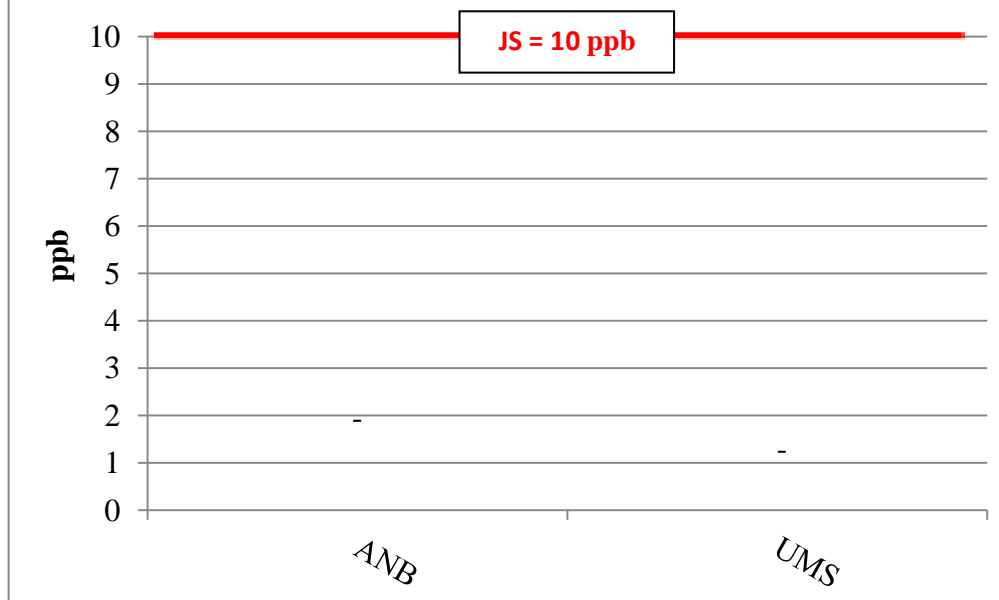
CO Daily Average



O₃ Daily Average



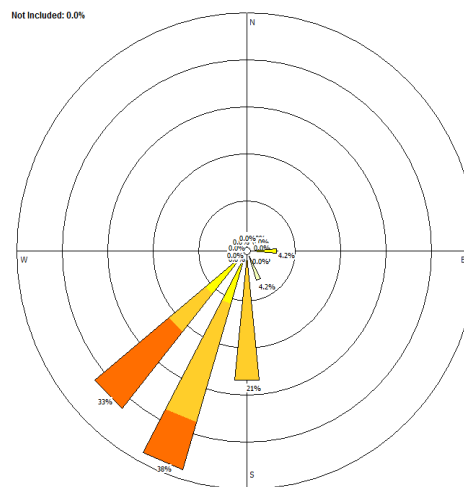
H₂S Daily Average



King Hussein Gardens

| | | |
|---------------------------|------|------|
| Ambient Relative Humidity | 85.4 | % |
| Ambient Temperature | 5.23 | °C |
| Average Wind Direction | 201 | ° |
| Average Wind Speed | 7.53 | km/h |

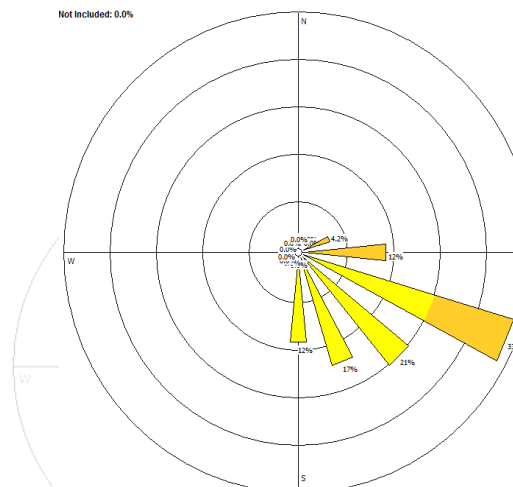
S-W



Barha St.(Irbid)

| | | |
|---------------------------|-------|------|
| Ambient Relative Humidity | 69.80 | % |
| Ambient Temperature | 10.1 | °C |
| Average Wind Direction | 129 | ° |
| Average Wind Speed | 4.83 | km/h |

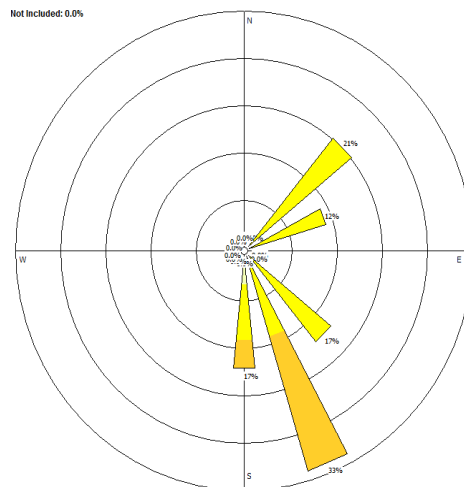
S-E



(HAJ)

| | | |
|---------------------------|------|------|
| Ambient Relative Humidity | 66.1 | % |
| Ambient Temperature | 12 | °C |
| Average Wind Direction | 124 | ° |
| Average Wind Speed | 4.51 | km/h |

S-E



| | pollutants | | PM10 | NO ₂ | SO ₂ | CO | O ₃ | H ₂ S |
|---|--|-----|--------------------------|-----------------|-----------------|------------------------------|------------------------------|------------------|
| Jordanian standard (JS) المواصفة الأردنية رقم 2006/1140 | | | 120 µg/m ³ | 80 ppb | 140 ppb | 9000 ppb | 80 ppb | 10 ppb |
| | Station | Abr | 24 HR AVG | 24 HR AVG | 24 HR AVG | 8 HR AVG MAX/24 HRS | 8 HR AVG MAX/24 HRS | 24 HR AVG |
| 1 | امانة عمان الكبرى | GAM | 163 | 42.6 | 16 | 1745 | None | None |
| 2 | مدينة الملك عبدالله الثاني الصناعية/سحاب | KAC | 158 | 13.8 | 7.83 | None | None | None |
| 3 | حدائق الملك حسين | KHG | 126 | 5.8 | 1.56 | None | 37.3 | None |
| 4 | ماركا/المحطة | MAH | 200 | 29.8 | - | None | None | None |
| 5 | مجمع الشمال/طبربور | TAB | 150 | 44.7 | None | 1573 | None | None |
| 6 | شارع الجامعة الاردنية | UNI | 141 | 7.42 | None | None | None | None |
| 7 | حديقة اليرموك/وادي الرمم | YAR | 171 | 23.7 | 7.72 | None | None | None |
| 8 | شارع البارحة/اربد | BAR | 115 | 8.32 | 8.76 | None | 22.4 | None |
| 9 | مدينة الحسن الرياضية/اربد | HAS | 139 | 16.2 | None | 1266 | None | None |
| 10 | وادي الحجر/الزرقاء | HAJ | 178 | 38.7 | 41.8 | 1596 | None | None |
| 11 | المصانع/الزرقاء | MAS | - | 20.2 | 9.54 | None | None | None |
| 12 | أمانة الغفارية/ابن الانباري | ANB | None | None | - | None | None | - |
| 13 | ام شريك | UMS | None | None | - | None | None | - |

- ✓ Readings above show a rise in the values of the Particulate Matter (PM10) in all stations except “BAR” station. Where they exceeded the Jordanian Standard (1140/2006).
- ✓ We can see that the values of the gases (SO₂, O₃, CO, NO₂) are within the permitted limits that are listed in Jordanian Standard (1140/2006).

3/1/2019

Ministry of Environment

Environmental monitoring and assessment Directorate.