|  | Describe what the temperature s are usually in your place | Are there extreme changes in temperature? | Are there rainfall and snowfall distributed during the spring? | Have you examples of extreme rainfall, snowfall drought? | Wind | Have you faced extreme wind ? | Atmosph eric Humidity | Have you faced extreme phenomenons of atmospheric humidity? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spring | $14^{\circ} \mathrm{C}$ | Yes, maximum $36.0^{\circ} \mathrm{C}$ minimum $0.4^{\circ} \mathrm{C}$ | Yes, maximum rainfall is seen in Spring mith 52.6 mm. However, the maximum level of all years of rainfall was experienced in 1997 June with 100.6 mm . | Yes, especially drought. Max level of rainfall was 100.6 mm in 1997. And max. Level of snowfall was 48.0 cm in 2002 | $\begin{aligned} & \hline 6.4 \\ & \mathrm{mhp} \end{aligned}$ | The average wind speed in Kırıkkale <br> experiences mild seasonal variation over the course of the year when calculated hourly.However, in the last years we have faced some unexpected sandstorms two times in December 2020 and February 2021. | $\begin{aligned} & \hline \% 0 \\ & \text { dry } \end{aligned}$ | No |
| Summer | $24^{\circ} \mathrm{C}$ | Yes, <br> Maximum $41.8^{\circ} \mathrm{C}$ <br> Minimum $7.4^{\circ} \mathrm{C}$ |  |  | $\begin{aligned} & \hline 7.8 \\ & \text { mhp } \end{aligned}$ |  |  |  |
| Autumn | $13^{\circ} \mathrm{C}$ | Yes, <br> Maximum $33.5^{\circ} \mathrm{C}$ Minimum $-5.0^{\circ} \mathrm{C}$ |  |  | $\begin{aligned} & \hline 6.8 \\ & \mathrm{mhp} \end{aligned}$ |  |  |  |
| Winter | $2.3{ }^{\circ} \mathrm{C}$ | ```Yes, maximum 21.4 }\textrm{C Minimum -21.6 %``` |  |  | $\begin{aligned} & \hline 8.3 \\ & \mathrm{mhp} \end{aligned}$ |  |  |  |

Description of the climate in our place: https://www.mgm.gov.tr/veridegerlendirme/il-ve-ilceler-istatistik.aspx?m=KIRIKKALE https://tr.climate-data.org/asya/tuerkiye/k\�\�r\�\�kkale/k\�\�r\�\�kkale-251/\#climate-graph
https://weatherspark.com/y/97736/Average-Weather-in-K\�\�r\�\�kkale-Turkey-Year-Round\#Sections-Wind
https://www.mgm.gov.tr/veridegerlendirme/il-ve-ilceler-istatistik.aspx?m=KIRIKKALE

Kırıkkale has a cold semi-arid climate which means winters are cold and snowy, summers are hot and dry. Rainfall happens mostly during the Spring and Autumn. May is the wet month, the coldest month is January with an average maximum temperature of $4^{\circ} \mathrm{C}$. August is the driest month and July is the sunniest one. The warmest months are July and August. It is possible to say that people should visit Kirikkale especially in May and September which have goog weather with pleasant average temperatures between $20^{\circ} \mathrm{C}$ and $25^{\circ} \mathrm{C}$. However, it is important to add that in the last years we have been experiencing some extreme changes in weather and climate. For example, the weather sometimes becomes so cold in summer months and unexpected storms occur when the weather is warm. In winter months like February and March, the weather becomes so hot as if we were in June or July. The trees start to bloom flowers. After these hot days, snow starts unexpectedly. (This week 23-24 March 2021, we are experiencing this example). Prepared by Buse G., Ceren G., Hatice S.,Fatmagül S., Merve Y., Gamze K. Turkey

Mentor Teacher: Kübra Ersan


