

Workcard

Number

cd41w1

Level: 4

Strand: Chance and Data Substrand: Understand Chance

Raining in China

Rain Fall in Chinese Cities

Unit: millimetres

city	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Period of Observati on
Harbin	3.1	5.0	10.6	22.0	38.0	74.5	155.5	94.4	55.9	26.6	6.5	5.2	497.8	1961-1990
Beijhng	2.7	5.9	9.1	26.5	28.8	70.8	175.7	182.1	48.8	19.0	6.2	2.3	577.9	1961-1990
Langzhou	1.0	2.3	8.9	19.1	38.3	36.8	57.4	76.1	46.4	24.4	4.6	0.9	316.2	1961-1990
Jinan	6.8	9.5	14.8	35.3	37.7	73.8	211.9	157.9	64.7	36.3	18.3	7.6	674.6	1961-1990
Shanghai	39.4	59.0	81.9	102.4	106.3	152.2	127.9	133.1	155.5	63.3	53.7	35.1	1109.8	1961-1990
Nanking	28.9	48.2	68.9	86.6	96.3	159.3	187.6	123.8	98.2	60.0	54.4	24.6	1036.8	1961-1990
Lhasa	0.3	0.6	2.0	6.4	26.0	70.6	121.2	127.1	60.5	9.8	1.5	0.8	426.8	1961-1990
Yichang	19.1	29.9	56.9	96.1	125.2	153.6	210.3	178.6	127.0	88.9	59.1	22.2	1166.9	1961-1990
Wuhan	34.1	59.8	90.1	135.3	158.8	211.8	153.7	125.9	85.3	86.2	57.3	29.3	1227.6	1961-1990
Xiamen	38.7	50.0	78.1	128.8	134.6	220.6	141.1	150.6	91.2	39.3	32.0	28.8	1133.8	1961-1990
Hong Kong	23.5	48.0	67.0	161.5	316.7	384.3	323.2	391.4	299.7	144.9	35.1	27.9	2223.2	1961-1990

Which City has been the wettest in China?

If you lived in Lhasa which month is likely to be the wettest?

If you didn't like rain and could move from city to city which city would you stay in each month?

Which month is most likely to be the wettest in China? Justify your answer and show your working.

Which month is most likely to be the driest in China? Justify your answer and show your working.

Give a reason Why Hong Kong and Xiamen have different rainfall even though they are in the same country?

Rank the cities from most likely to be wet to least likely to be wet in the month of April

Reflection

How did you use this table to determine the city most likely to be wet?

The city is most likely to be wet but wont necessarily be the wettest. Explain why this could happen.

