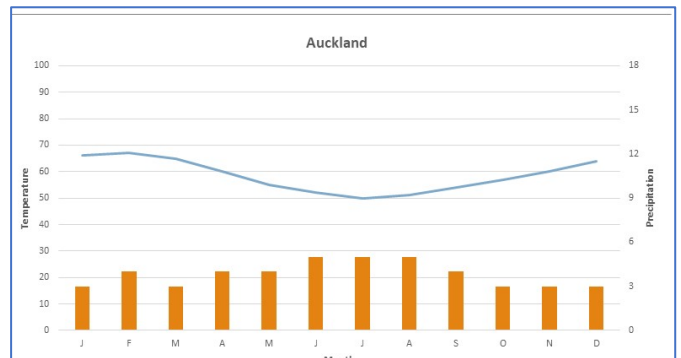
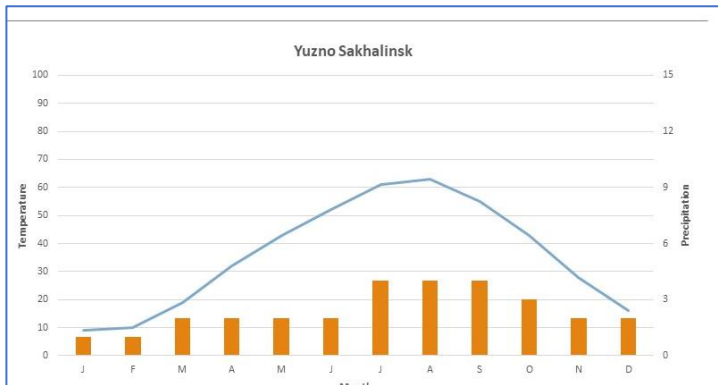
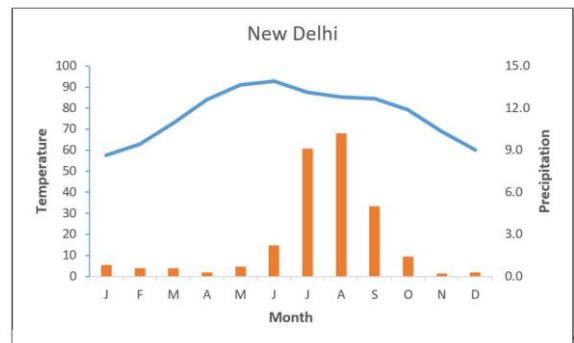
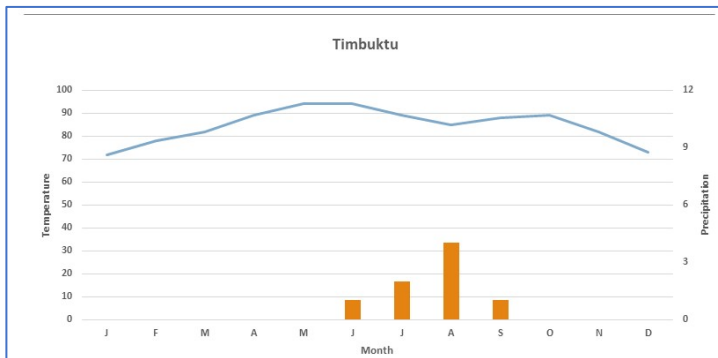


Interrogating Climographs

Climographs provide a visual representation of average temperature and precipitation throughout the year. Review the information about climate on pp. 70 – 71 of the textbook.

Part I: Examine the climographs below and answer the following questions. There may be more than one answer.

- Which place is in the **southern** hemisphere?
- Which place is closest to the **equator**?
- Which place has temperatures **below freezing**?
- Which places has a definite **wet and dry season**?
- Which place has rainfall **evenly distributed** throughout the year?



Part II: Examine the climographs in the textbook and provide answers for each of the questions that follow.

1. Is the total precipitation less than 10 inches per year? (If so, the place is a desert and you have the climate type. Hint: Remember places in cold climates can also be deserts.)
2. Is the location in the high, middle or low latitudes? (Hint: Use the temperatures to make a hypothesis before checking the location on a map.)
3. Is the location in the southern hemisphere?
4. How are temperatures distributed through the year? Are there definite hot and cold seasons?
5. Do temperatures go below freezing (32 F°)? How many months?
6. How is precipitation distributed through the year?
7. Compare the characteristics you have determined with your climate chart. Draw a conclusion, in which climate zones is the place located?

Reflect

Why are there different values for the line and bar graphs?

Climograph Data

Yangon, Burma (Myanmar) (tropical wet)

	J	F	M	A	M	J	J	A	S	O	N	D
T	77	79	84	87	81	80	80	80	81	82	80	77
P	.2	.2	.3	1.4	12.1	18.4	21.5	19.7	15.4	2.3	2.8	.3

Darwin Australia (tropical wet and dry)

	J	F	M	A	M	J	J	A	S	O	N	D
T	84	83	84	84	82	79	77	79	83	85	86	85
P	15.9	12.9	10.1	4.1	.7	.1	.1	.1	.5	2.2	4.8	10.3

Baghdad, Iraq (desert)

	J	F	M	A	M	J	J	A	S	O	N	D
T	49	54	61	71	81	90	95	94	88	80	63	53
P	1.2	1.3	1.3	.9	.2	0	0	0	0	.1	.8	1.2

Rome, Italy (dry summer subtropical)

	J	F	M	A	M	J	J	A	S	O	N	D
T	45	47	51	57	64	71	76	76	70	62	53	46
P	3.2	2.7	2.6	2.6	2.2	1.6	.7	1.0	2.5	5.0	4.4	3.9

Portland, Oregon (marine west coast)

	J	F	M	A	M	J	J	A	S	O	N	D
T	39	42	46	51	57	61	67	66	61	54	46	41
P	6.7	5.5	4.8	3.1	2.3	1.6	.6	.6	1.9	3.3	3.5	6.9

Vienna, Austria (humid continental)

	J	F	M	A	M	J	J	A	S	O	N	D
T	29	33	40	50	59	65	68	67	60	50	39	32
P	1.5	1.3	1.8	2.0	2.8	2.7	3.1	2.7	2.0	1.9	1.8	1.8

Okhotsk, Russia (subarctic)

	J	F	M	A	M	J	J	A	S	O	N	D
T	-11	-7	7	21	35	45	55	55	46	27	6	-8
P	.1	.1	.1	.2	.5	1.1	.5	1.8	2.7	.7	.2	.2

Point Barrow, Alaska (subpolar)

	J	F	M	A	M	J	J	A	S	O	N	D
T	-19	-13	-14	-2	21	35	40	39	31	16	0	-15
P	.3	.2	.2	.3	.3	.3	1.1	.8	.5	.8	.4	.4