

Izidor Hafner

# Maps

Latitude and Longitude

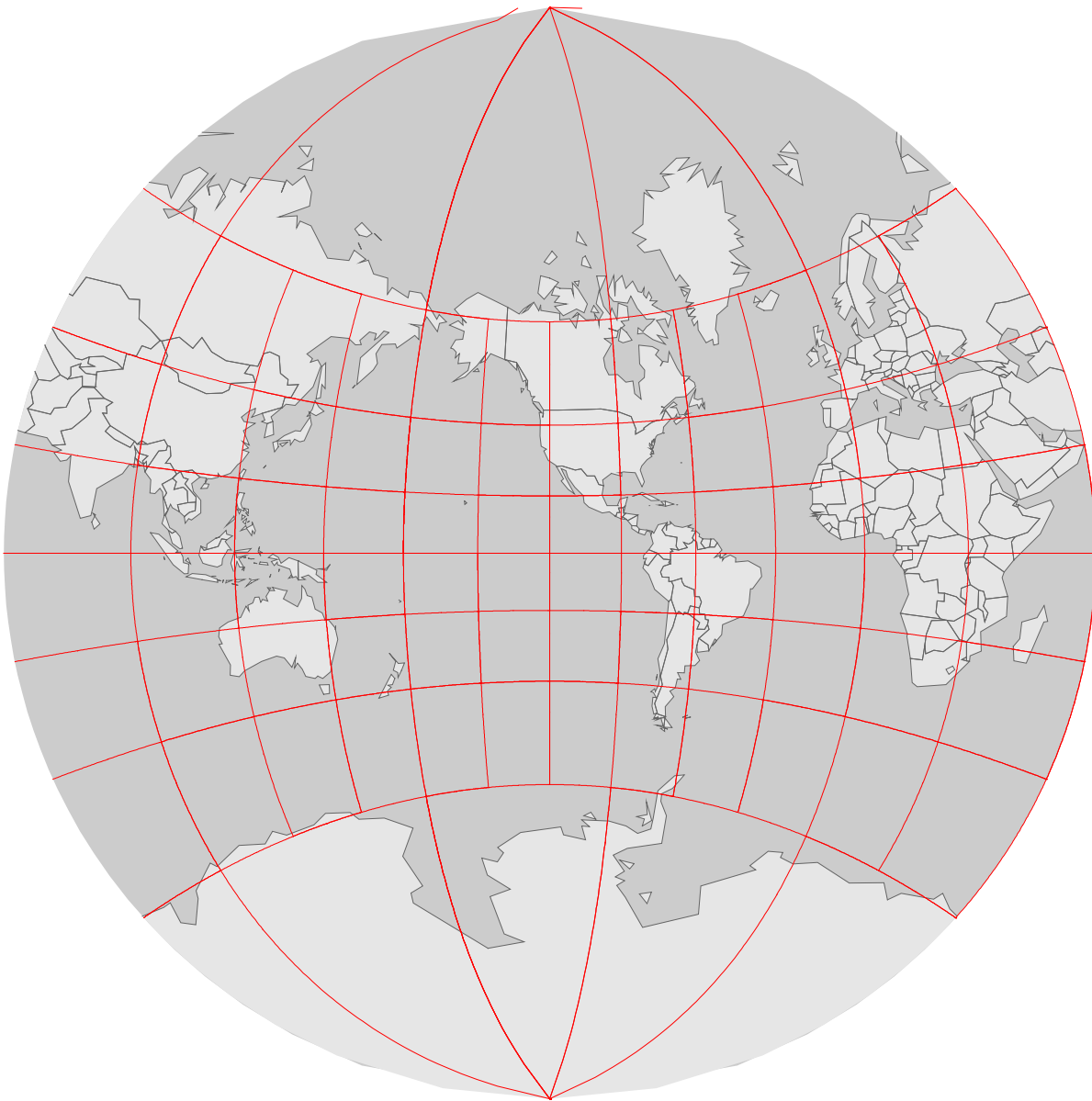
# Problems

1.

## Longitude, Latitude?

On the given map show the following 10 points:

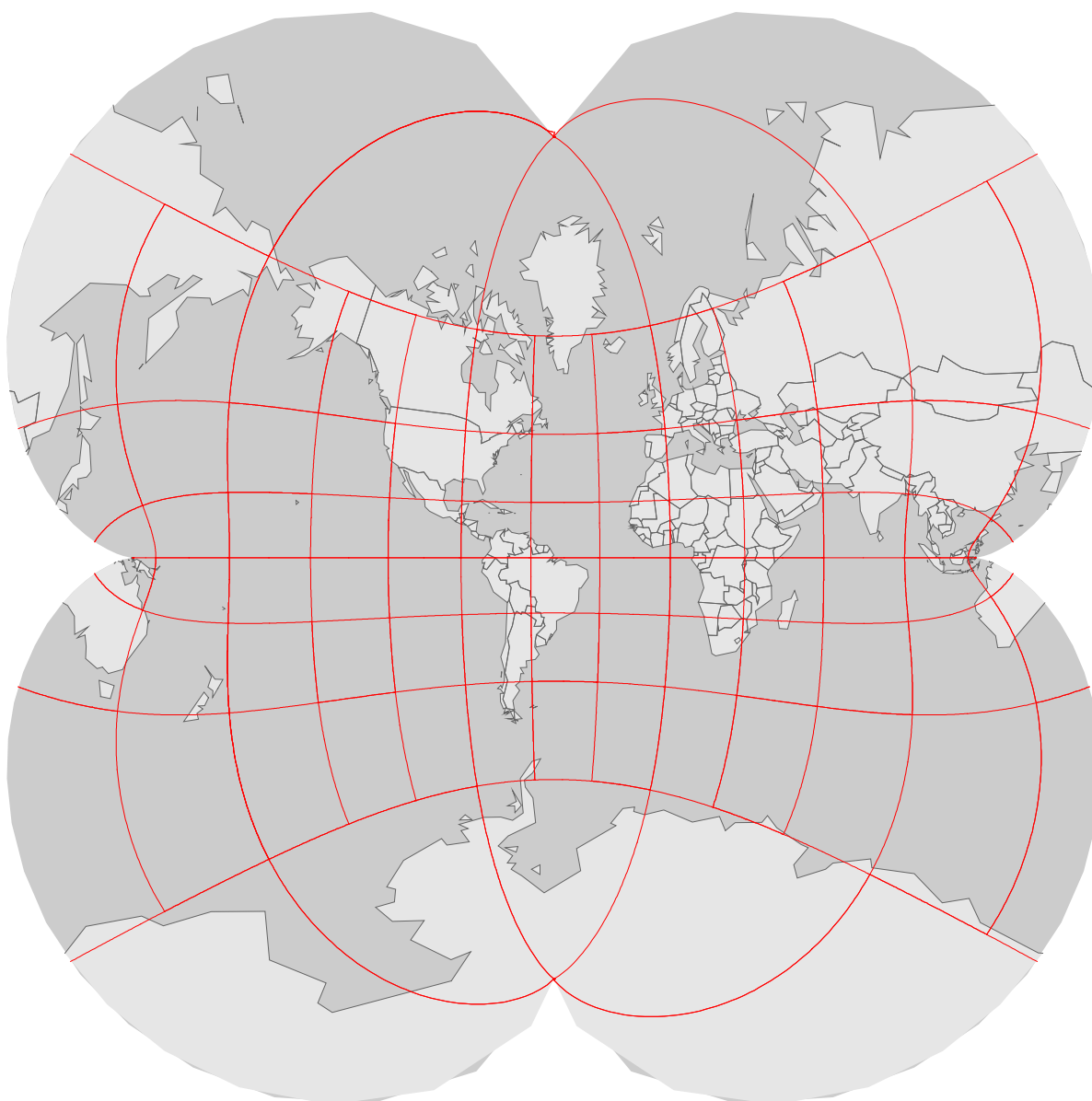
	Latitude	Longitude
1.	15 N	39 E
2.	34 N	36 E
3.	5 N	-74 E
4.	18 N	-77 E
5.	28 N	-15 E
6.	2 N	45 E
7.	-1 S	37 W
8.	35 N	136 E
9.	48 N	16 E
10.	37 N	-122 E



## Longitude, Latitude?

On the given map show the following 10 points:

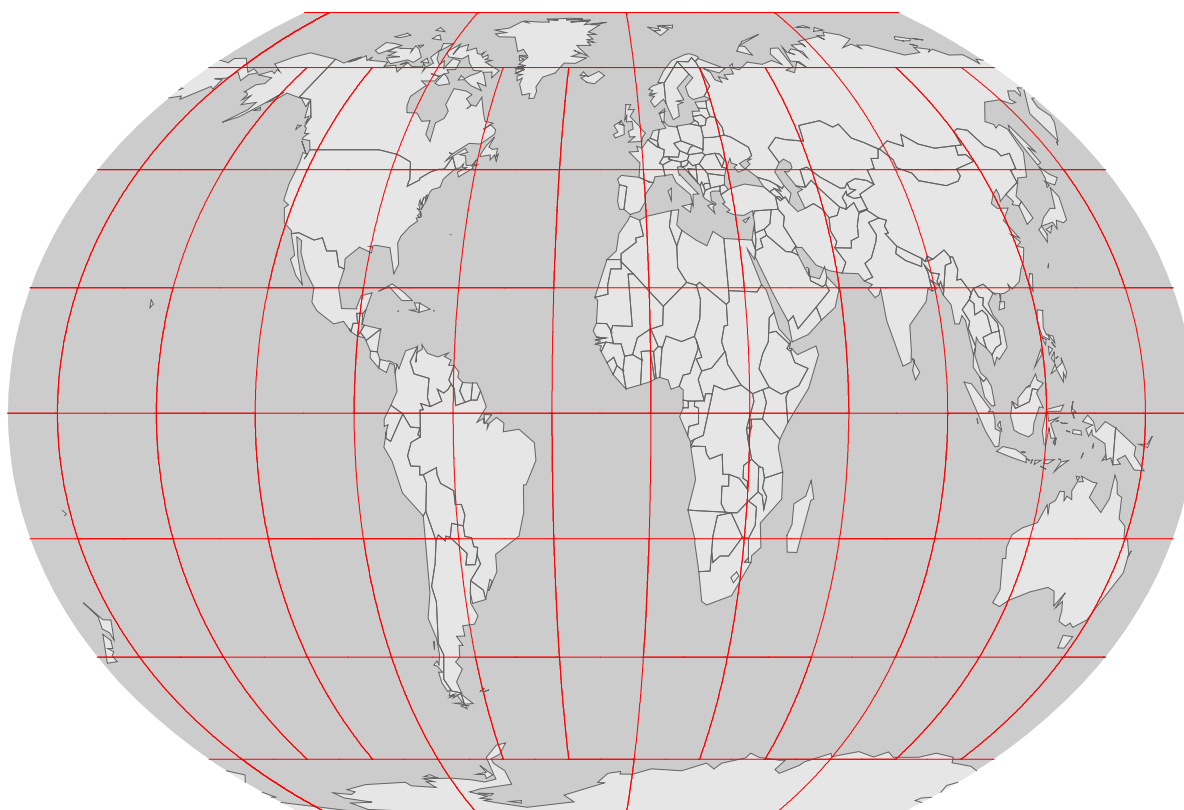
	Latitude	Longitude
1.	42 N	12 E
2.	52 N	5 E
3.	-19 S	48 W
4.	13 N	-17 E
5.	23 N	88 E
6.	-7 S	39 W
7.	15 N	-61 E
8.	60 N	30 E
9.	18 N	-63 E
10.	41 N	-74 E



## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	9 N	39 E
2.	40 N	50 E
3.	-7 S	39 W
4.	-14 S	-171 W
5.	31 N	122 E
6.	17 N	-62 E
7.	-18 S	178 W
8.	36 N	15 E
9.	18 N	103 E
10.	18 N	-65 E

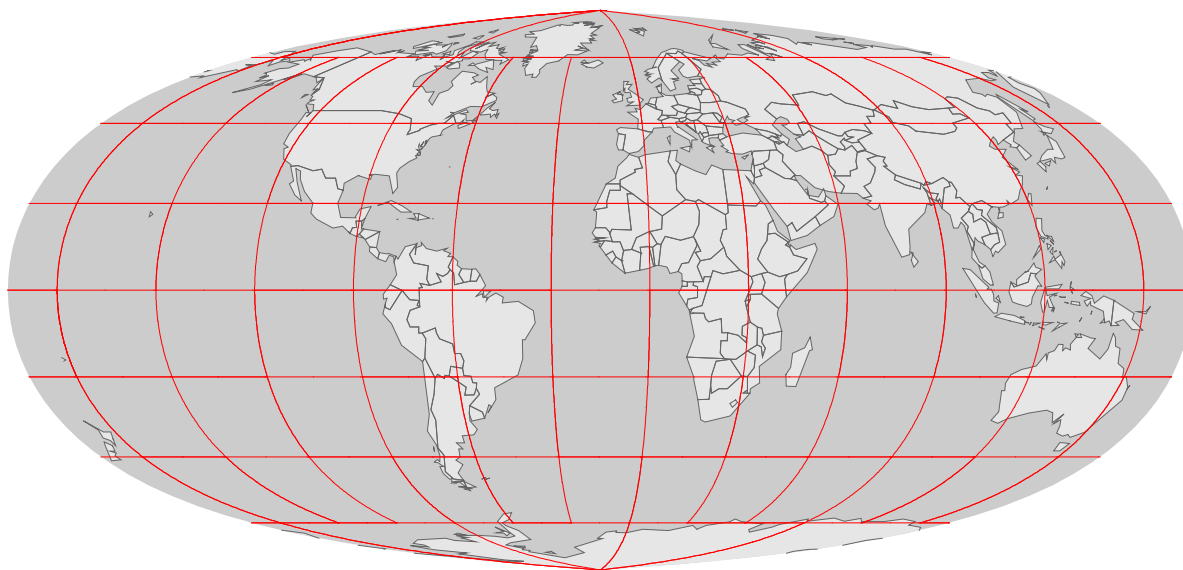


4.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	5 N	-74 E
2.	34 N	69 E
3.	6 N	1 E
4.	9 N	-75 E
5.	-20 S	57 W
6.	64 N	-22 E
7.	12 N	-62 E
8.	-18 S	178 W
9.	28 N	90 E
10.	34 N	-84 E

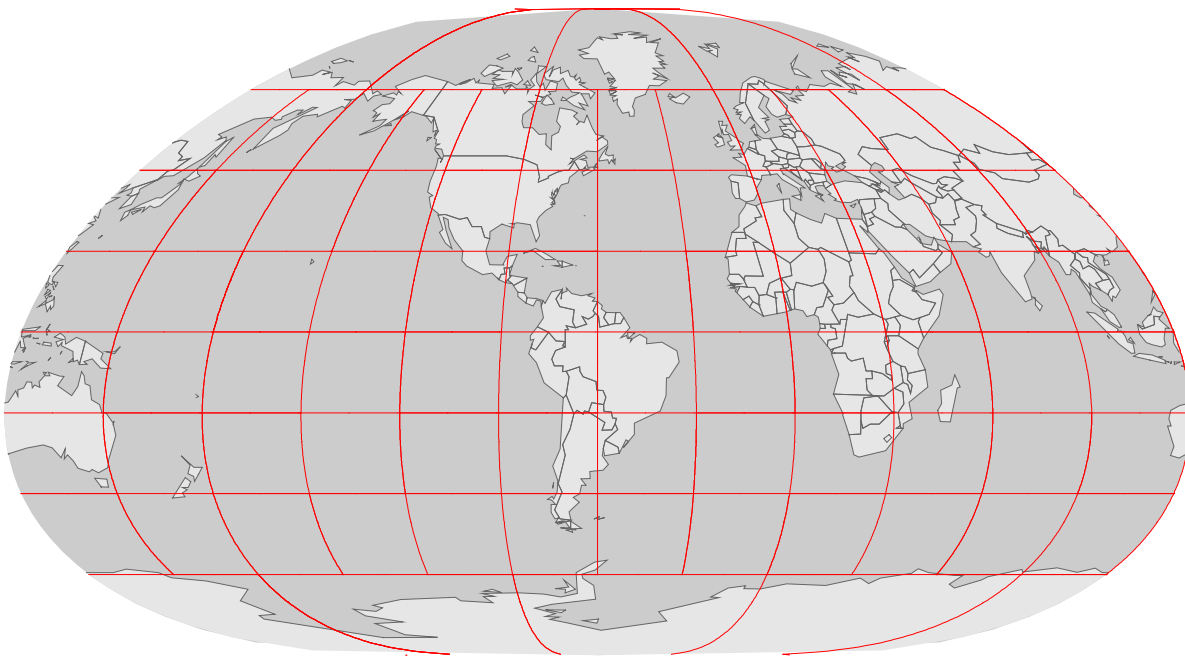


5.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	-6 S	107 W
2.	16 N	33 E
3.	6 N	3 E
4.	46 N	-74 E
5.	6 N	3 E
6.	25 N	47 E
7.	-24 S	-47 W
8.	-34 S	151 W
9.	18 N	-65 E
10.	39 N	-77 E

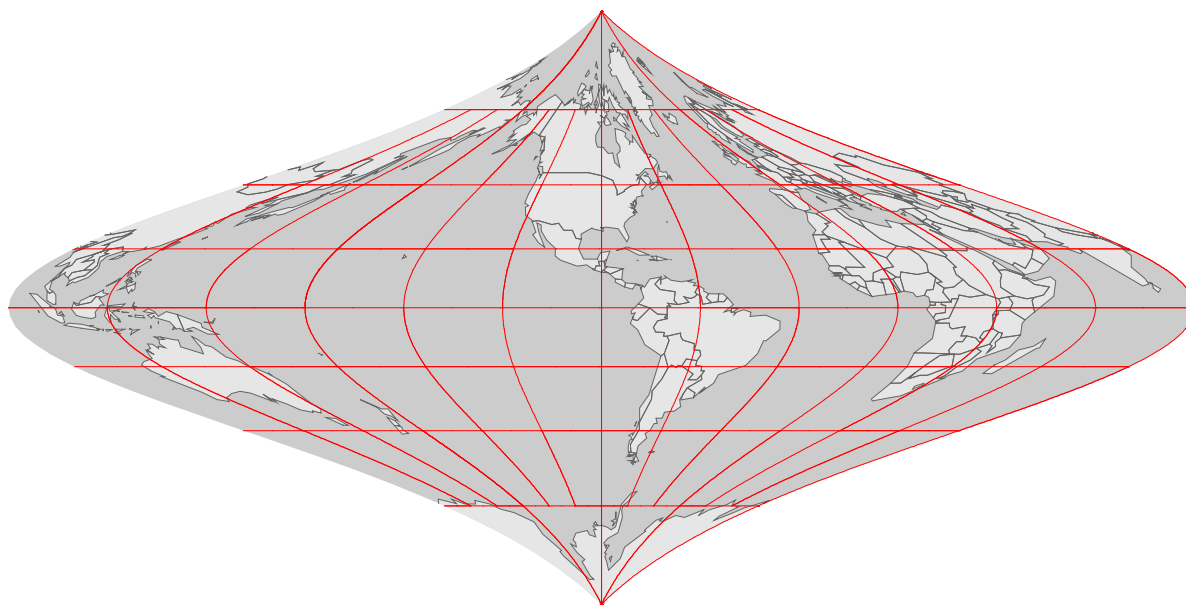


6.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	44 N	7 E
2.	45 N	20 E
3.	29 N	48 E
4.	26 N	51 E
5.	6 N	-55 E
6.	6 N	3 E
7.	2 N	172 E
8.	49 N	-123 E
9.	40 N	45 E
10.	45 N	-93 E



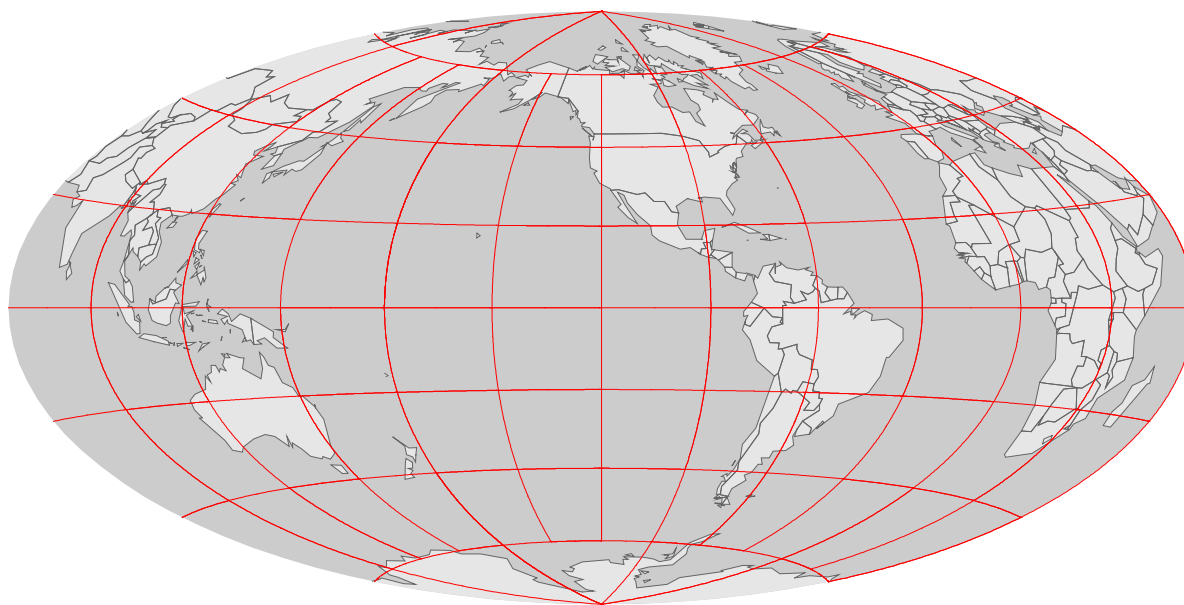
7.



## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	4 N	19 E
2.	16 N	-62 E
3.	-35 S	149 W
4.	15 N	-17 E
5.	34 N	73 E
6.	34 N	69 E
7.	-4 S	15 W
8.	26 N	51 E
9.	-32 S	116 W
10.	45 N	-93 E

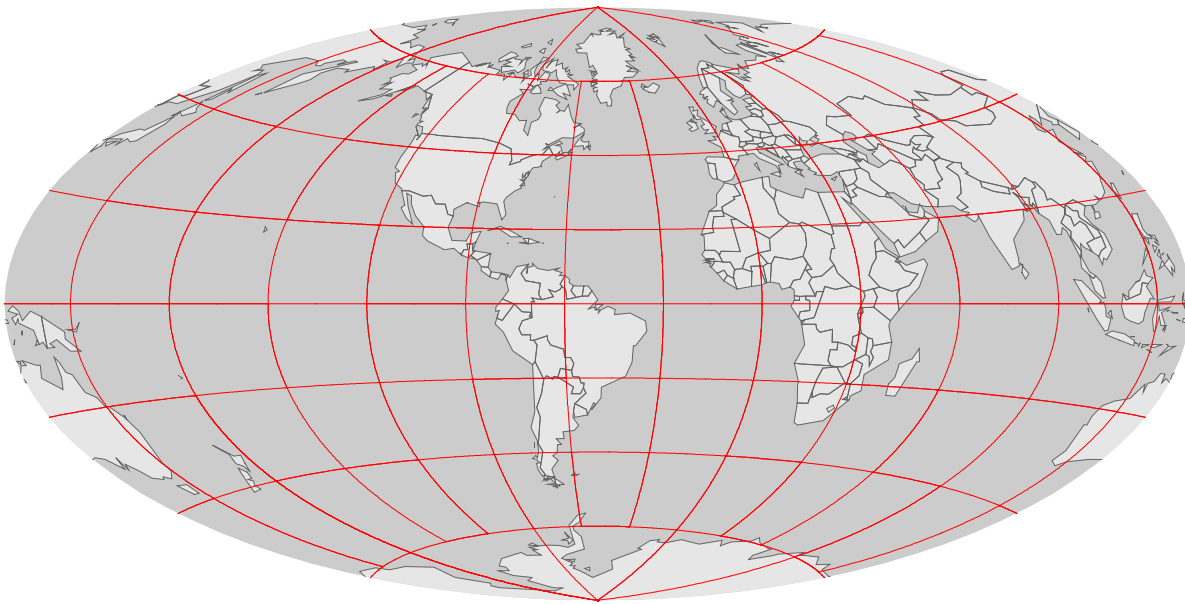


8.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	43 N	77 E
2.	38 N	58 E
3.	40 N	50 E
4.	-4 S	15 W
5.	15 N	-61 E
6.	-23 S	-43 W
7.	60 N	30 E
8.	25 N	122 E
9.	18 N	-63 E
10.	48 N	107 E

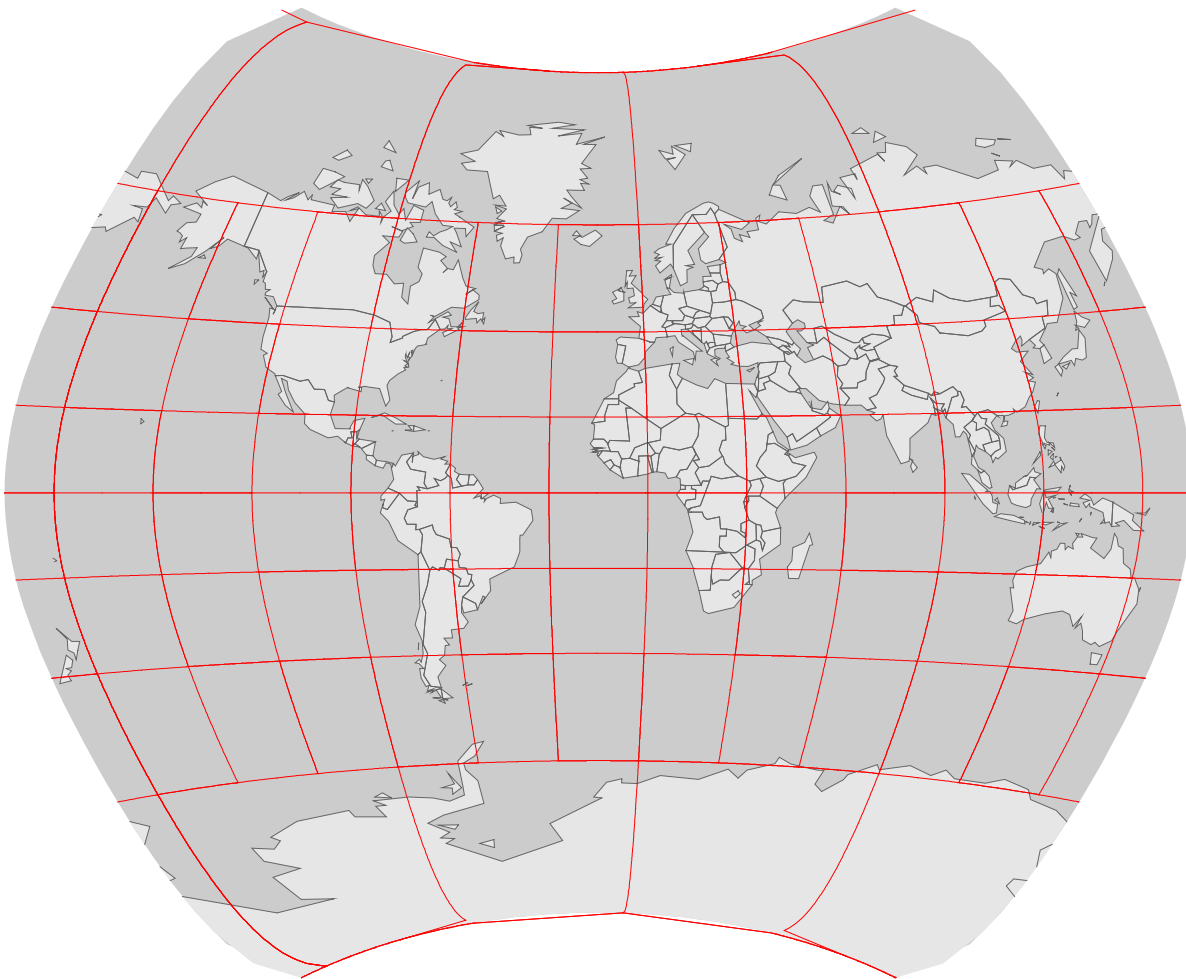


9.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	5 N	115 E
2.	27 N	-13 E
3.	34 N	69 E
4.	28 N	85 E
5.	29 N	48 E
6.	28 N	-15 E
7.	4 N	9 E
8.	-14 S	-171 W
9.	39 N	126 E
10.	43 N	23 E

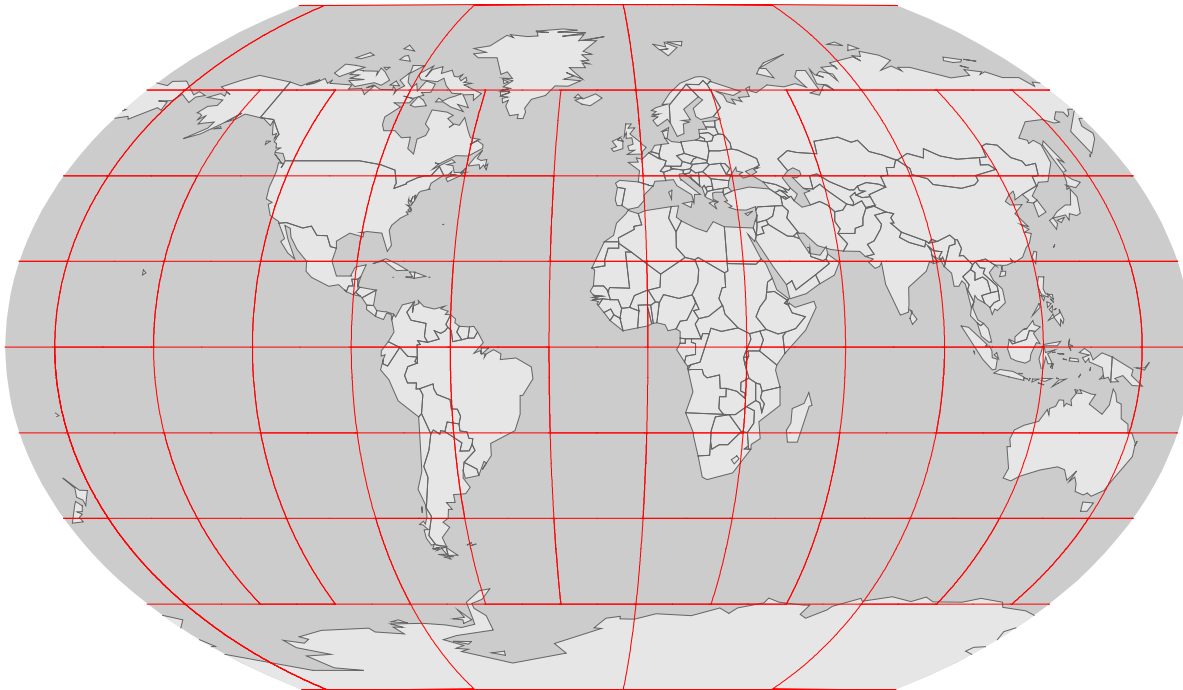


10.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	17 N	-88 E
2.	-25 S	26 W
3.	21 N	106 E
4.	-12 S	-44 W
5.	29 N	77 E
6.	-19 S	168 W
7.	36 N	51 E
8.	37 N	10 E
9.	33 N	-97 E
10.	41 N	-74 E

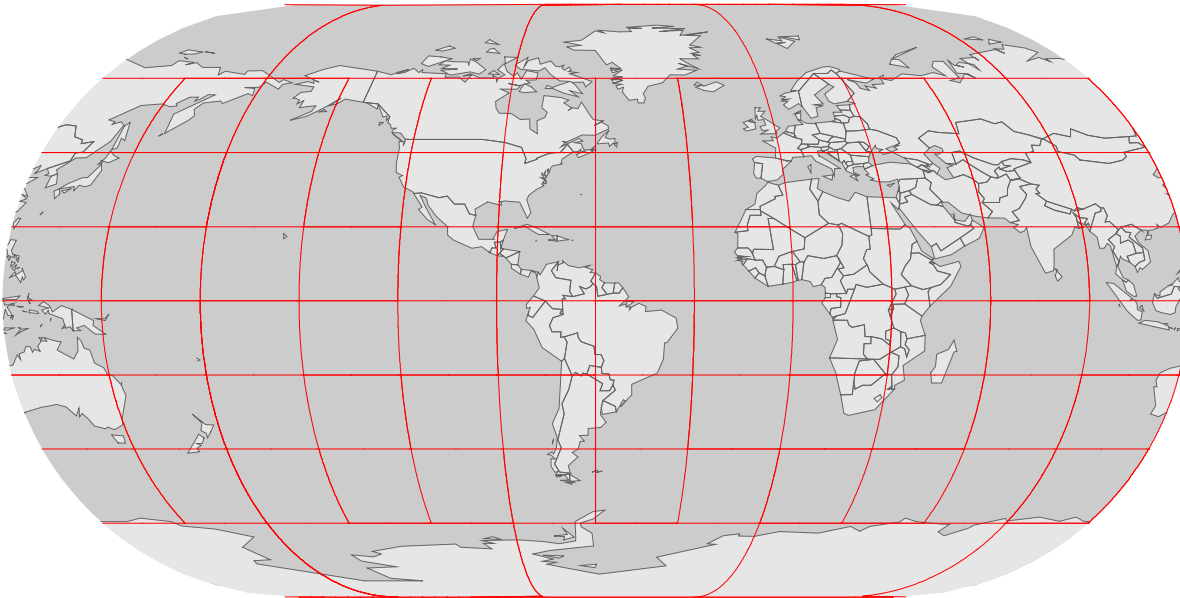


11.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	38 N	58 E
2.	60 N	25 E
3.	-9 S	160 W
4.	47 N	29 E
5.	19 N	-99 E
6.	49 N	2 E
7.	17 N	-25 E
8.	18 N	-70 E
9.	47 N	9 E
10.	34 N	-84 E

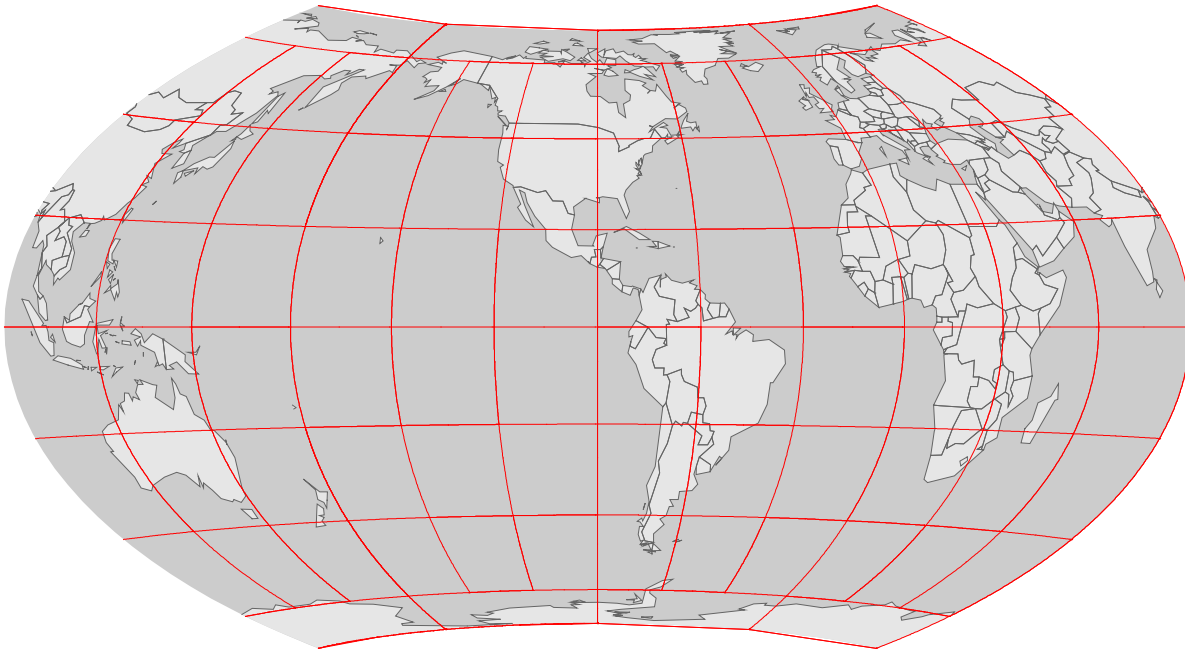


12.

## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	-19 S	48 W
2.	15 N	-17 E
3.	16 N	33 E
4.	50 N	30 E
5.	3 N	102 E
6.	46 N	15 E
7.	13 N	2 E
8.	-21 S	-174 W
9.	19 N	-72 E
10.	60 N	30 E

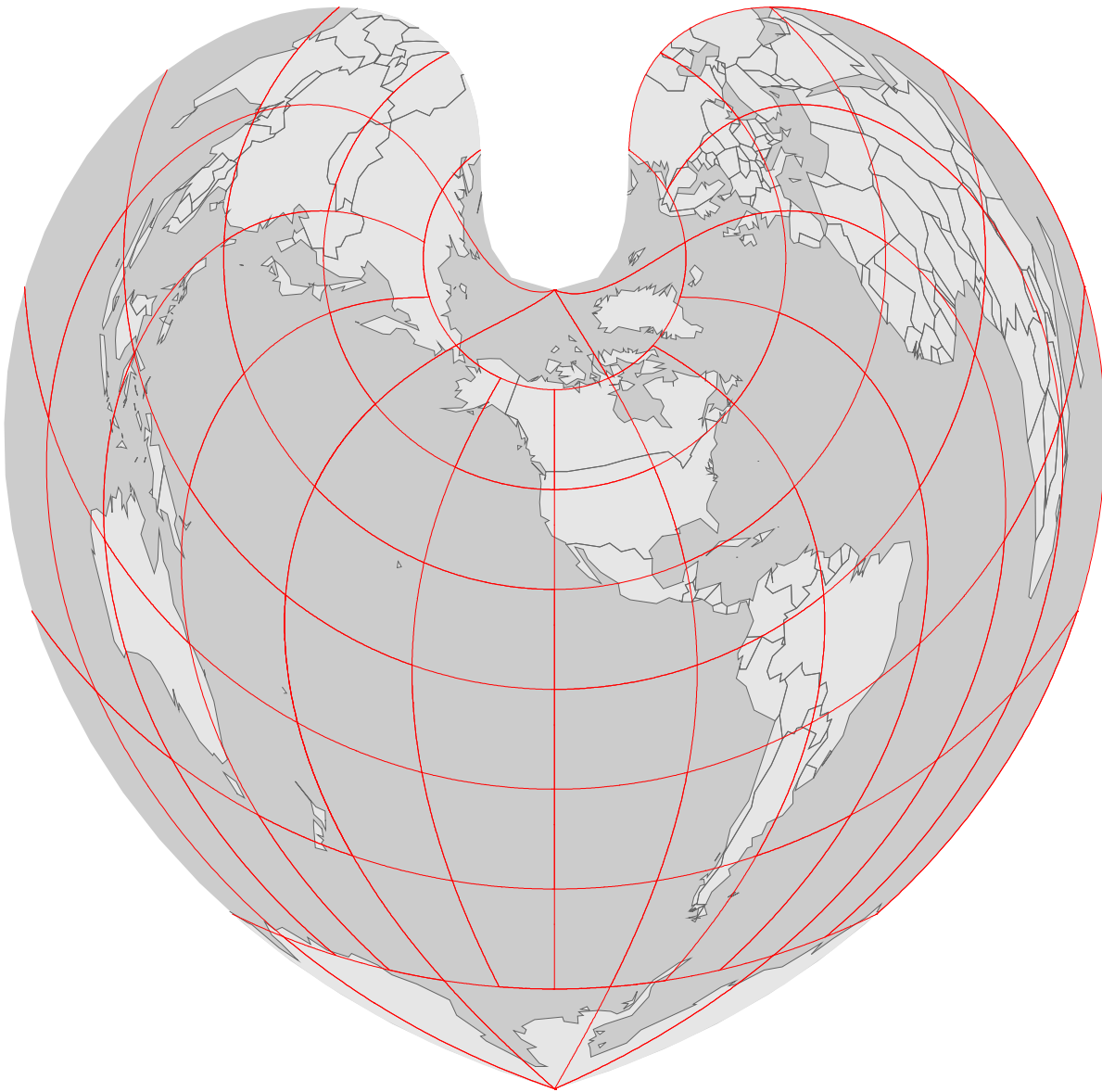


13.

## Longitude, Latitude?

On the given map show the following 10 points:

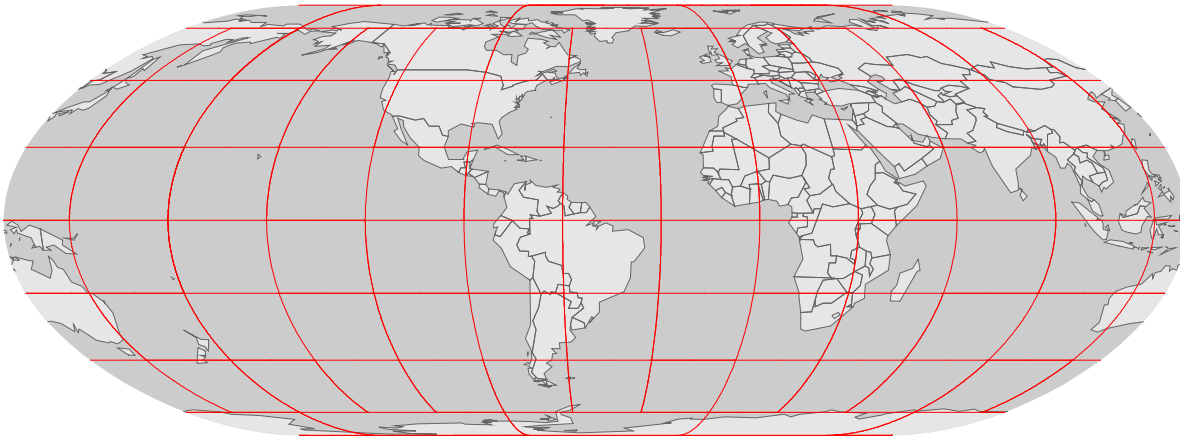
	Latitude	Longitude
1.	9 N	39 E
2.	43 N	77 E
3.	-7 S	39 W
4.	14 N	34 E
5.	-19 S	-65 W
6.	52 N	21 E
7.	42 N	-71 E
8.	21 N	-158 E
9.	40 N	-75 E
10.	46 N	-123 E



## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	16 N	-62 E
2.	15 N	-90 E
3.	12 N	-70 E
4.	-32 S	116 W
5.	-20 S	57 W
6.	39 N	126 E
7.	-33 S	-71 W
8.	1 N	104 E
9.	46 N	16 E
10.	39 N	-77 E



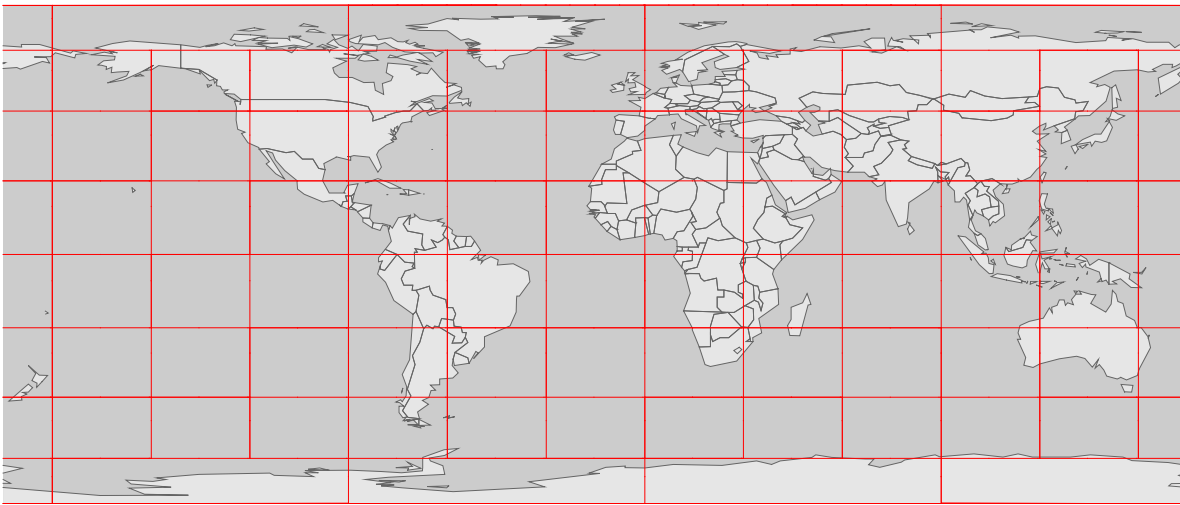
15.



## Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	32 N	36 E
2.	40 N	50 E
3.	8 N	-13 E
4.	28 N	-15 E
5.	-19 S	168 W
6.	17 N	-25 E
7.	39 N	126 E
8.	44 N	12 E
9.	-34 S	151 W
10.	46 N	16 E

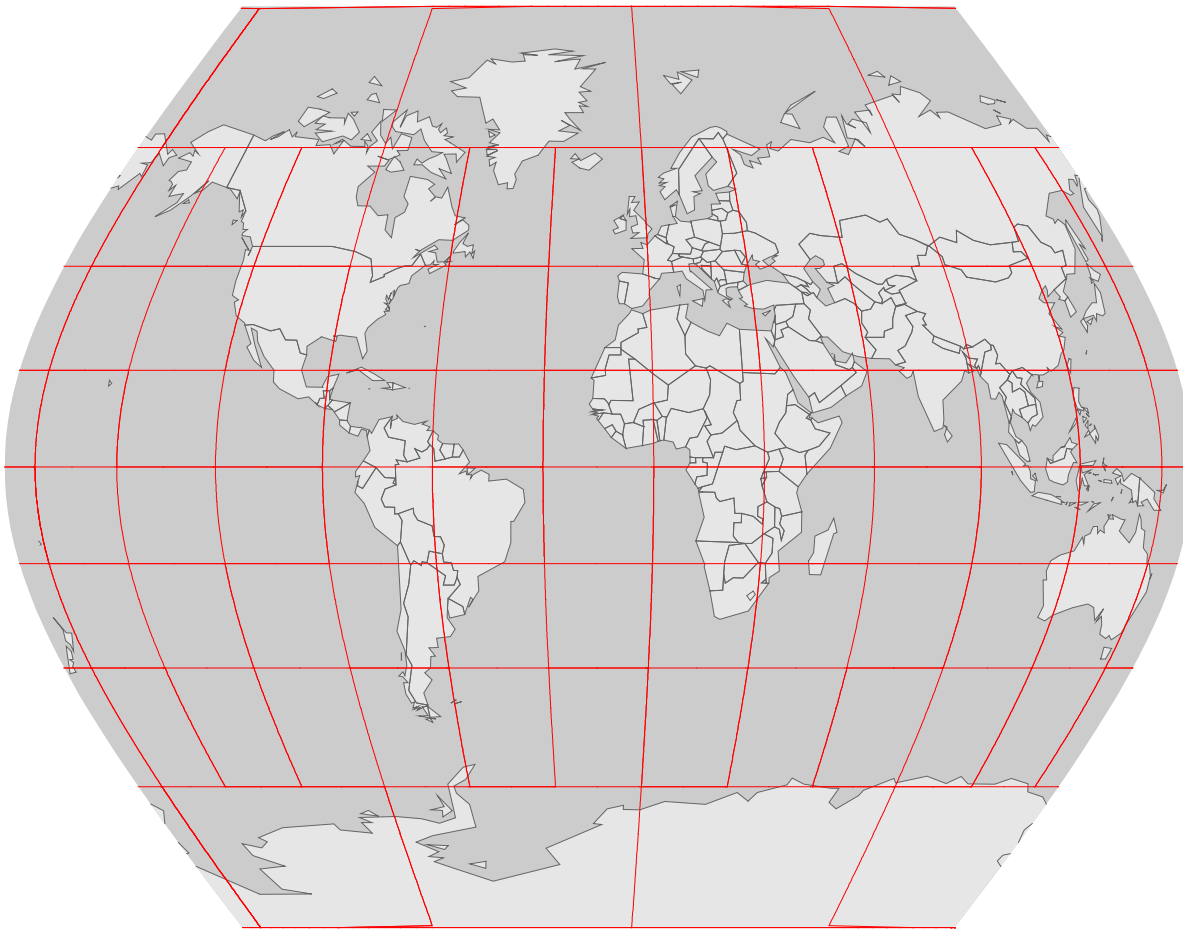


16.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	22 N	114 E
2.	7 N	134 E
3.	29 N	48 E
4.	28 N	-15 E
5.	15 N	121 E
6.	-12 S	-44 W
7.	11 N	-62 E
8.	42 N	22 E
9.	33 N	13 E
10.	34 N	-84 E

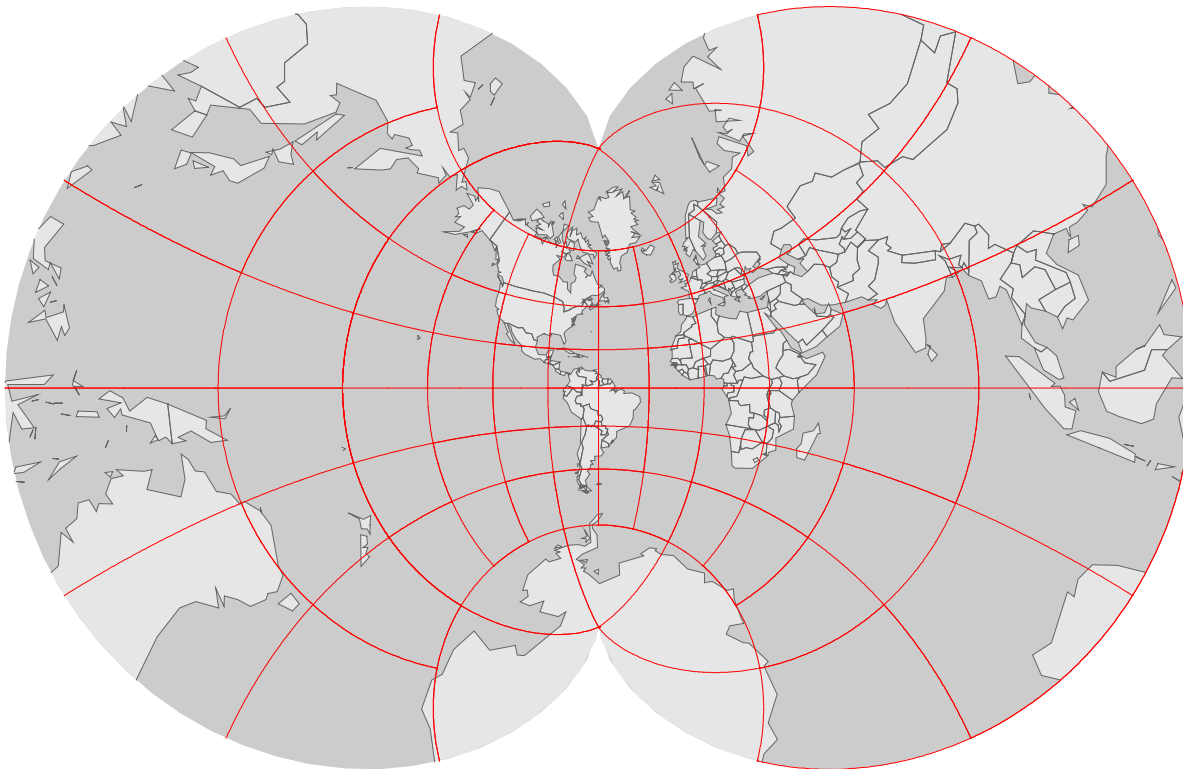


17.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	4 N	19 E
2.	53 N	13 E
3.	47 N	8 E
4.	46 N	6 E
5.	7 N	-58 E
6.	60 N	25 E
7.	7 N	134 E
8.	-26 S	28 W
9.	-33 S	-71 W
10.	40 N	-105 E

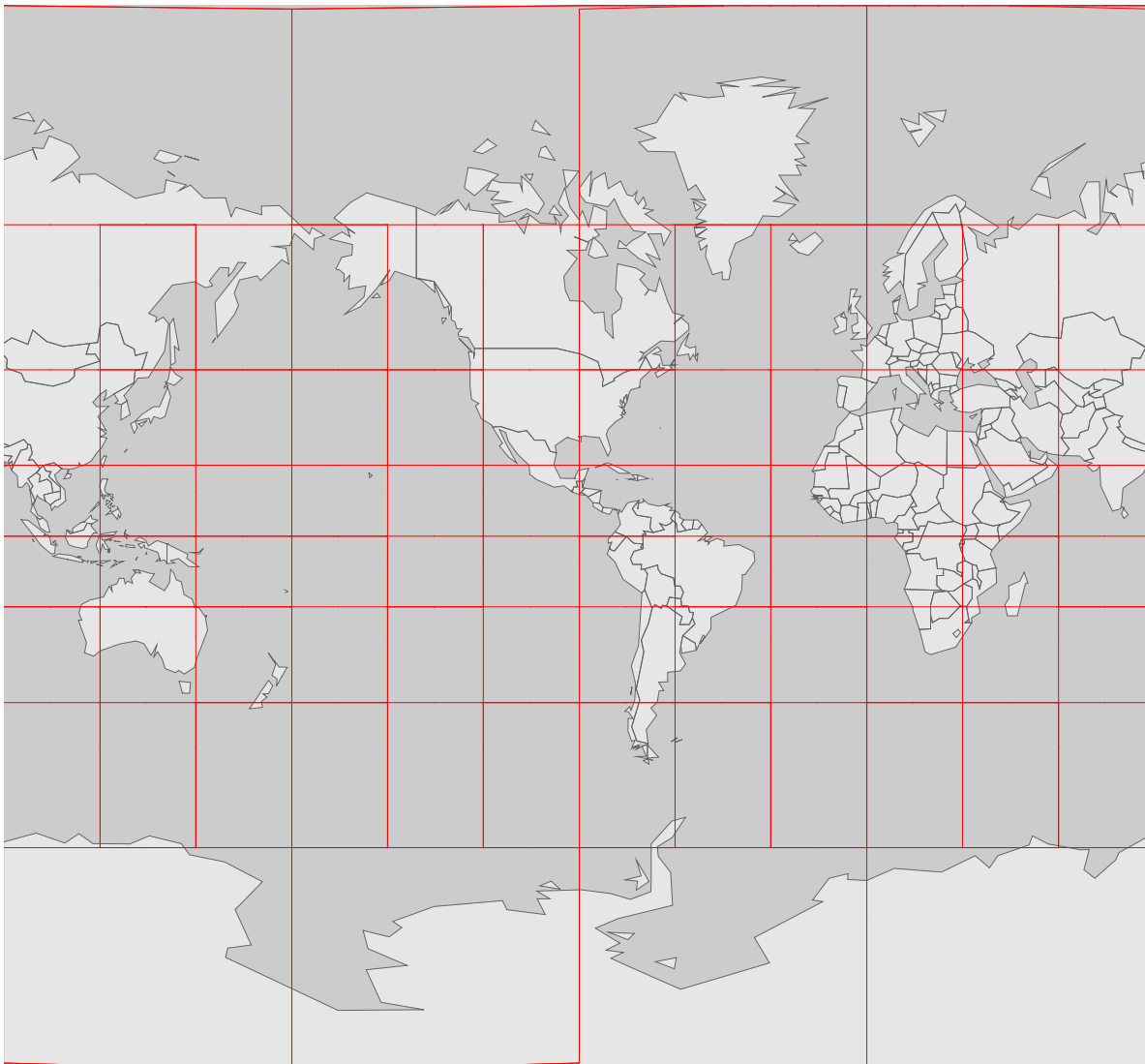


18.

## Longitude, Latitude?

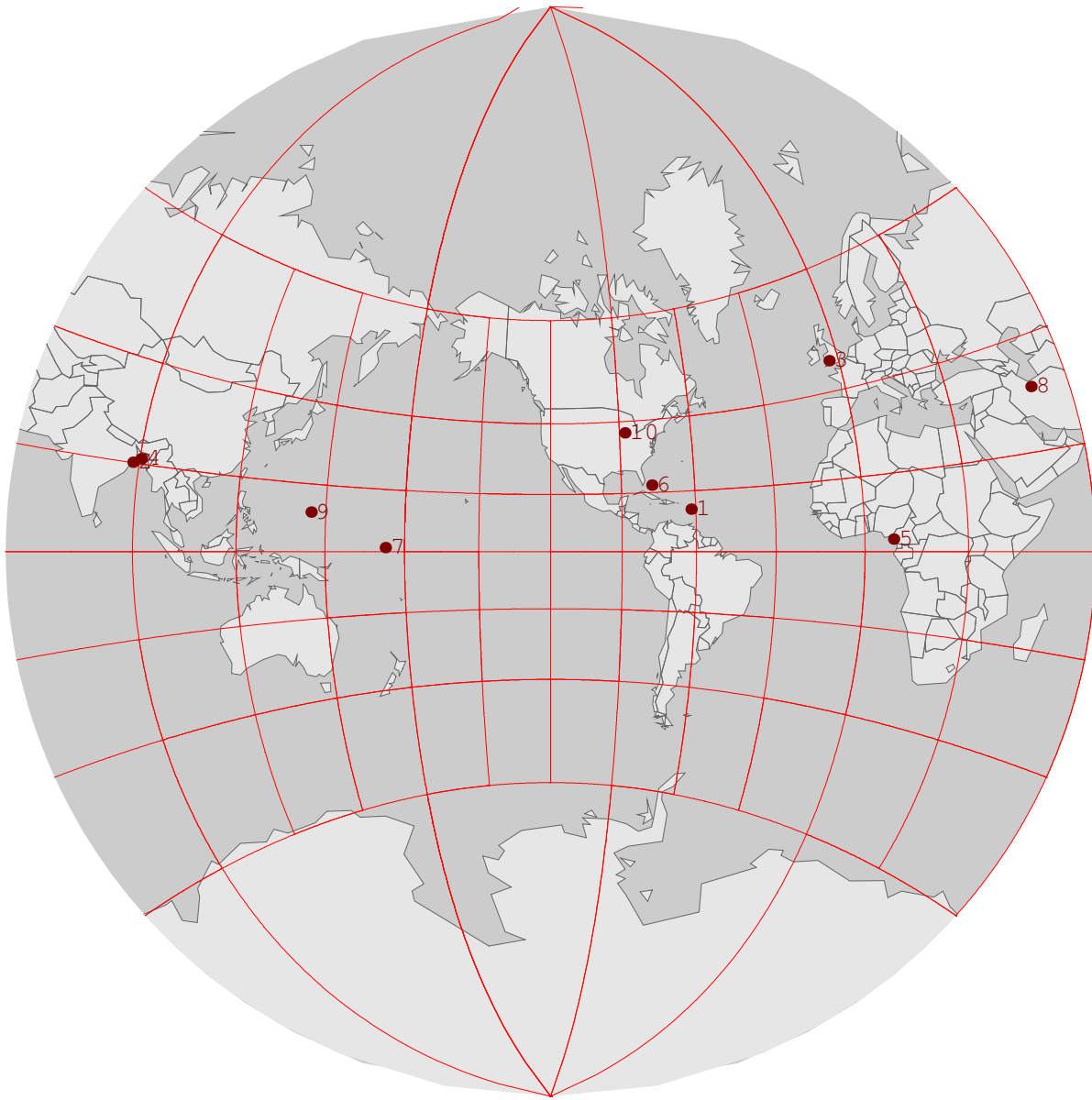
On the given map show the following 10 points:

	Latitude	Longitude
1.	42 N	12 E
2.	52 N	5 E
3.	40 N	116 E
4.	46 N	6 E
5.	21 N	106 E
6.	-9 S	13 W
7.	12 N	105 E
8.	34 N	-7 E
9.	39 N	117 E
10.	40 N	45 E

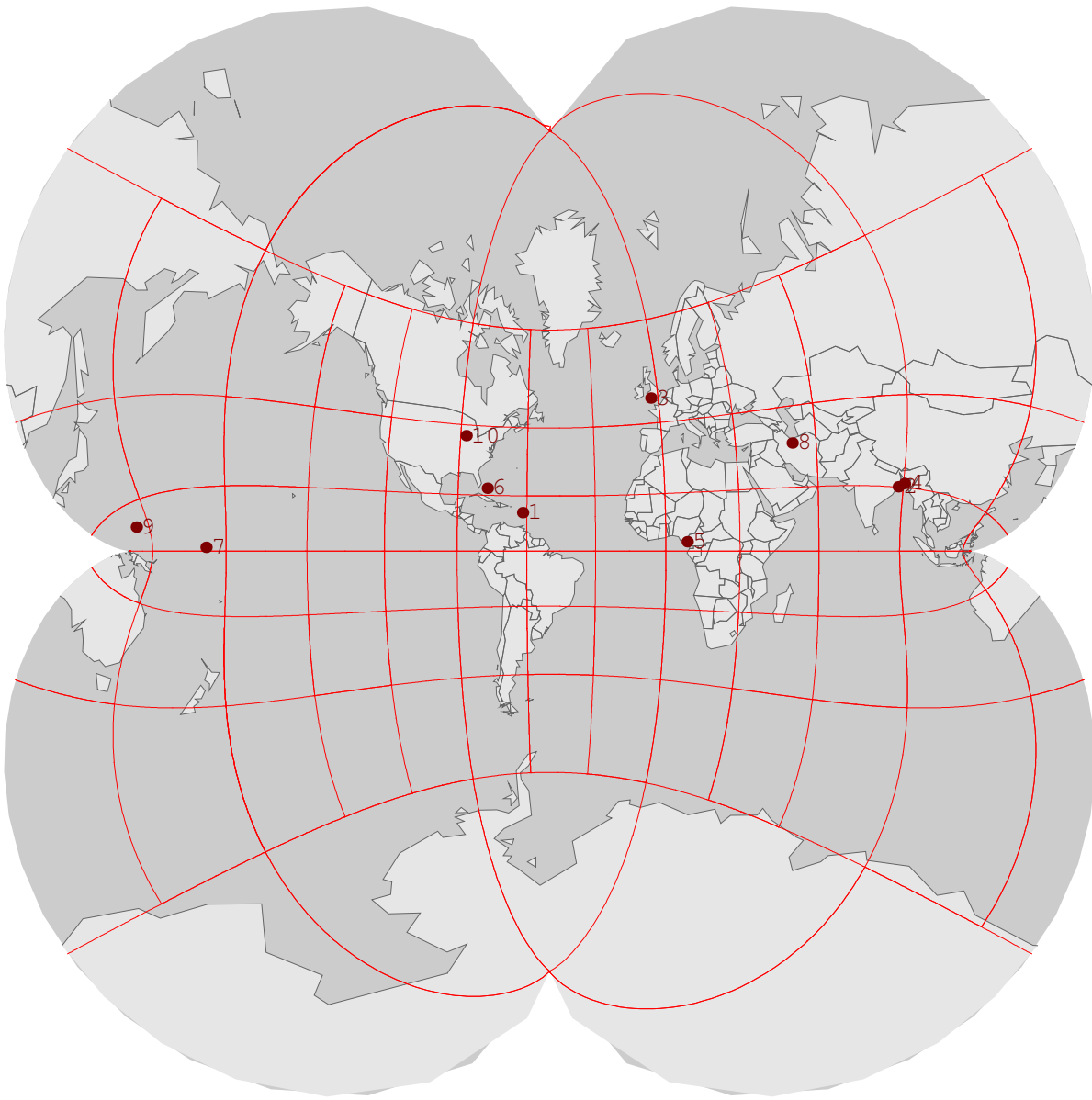


# Solutions

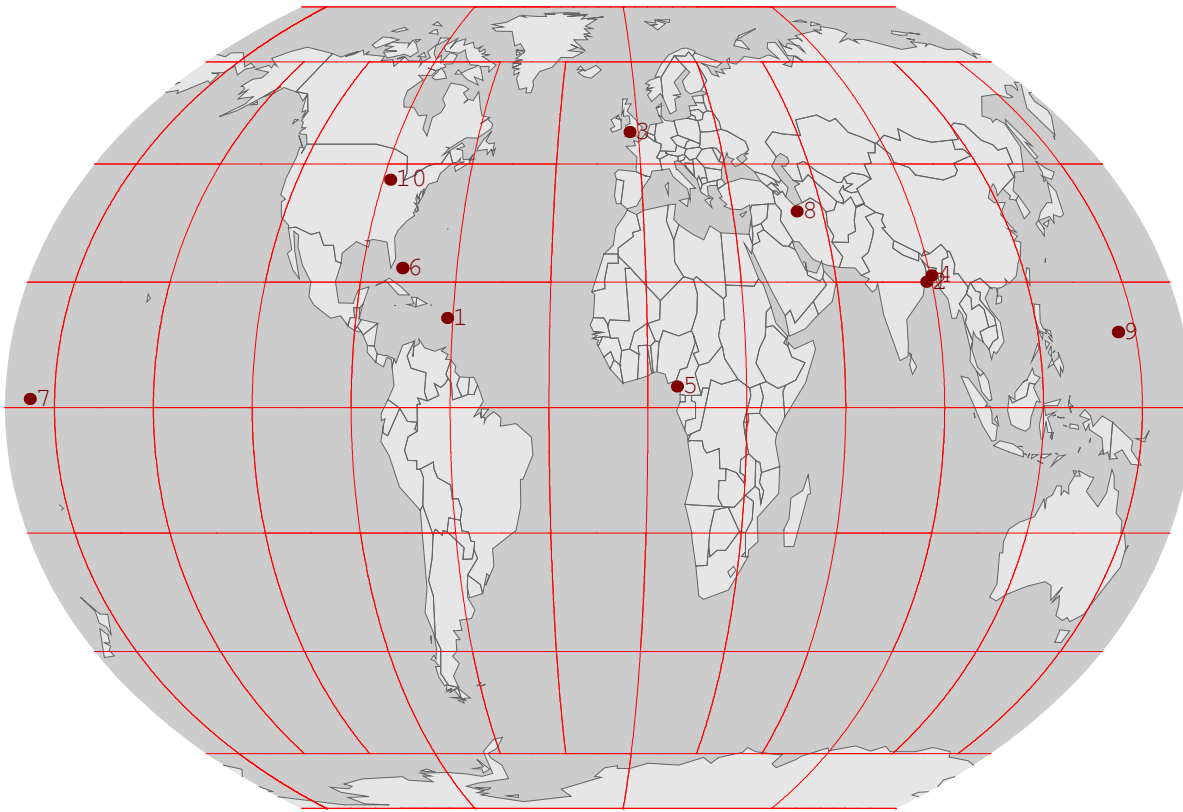
1.



2.

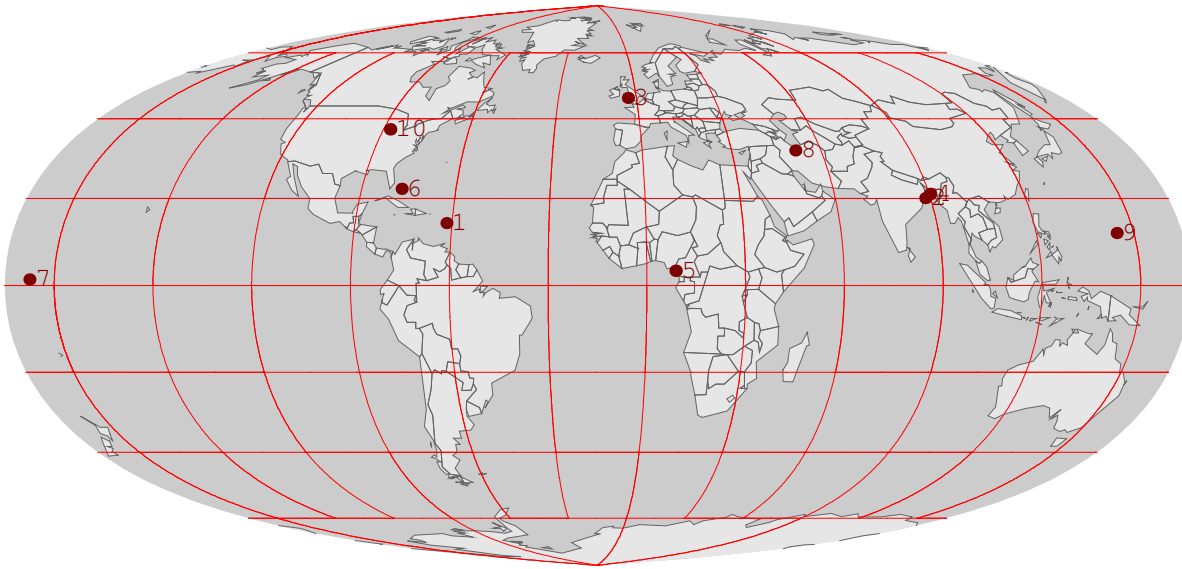


3.

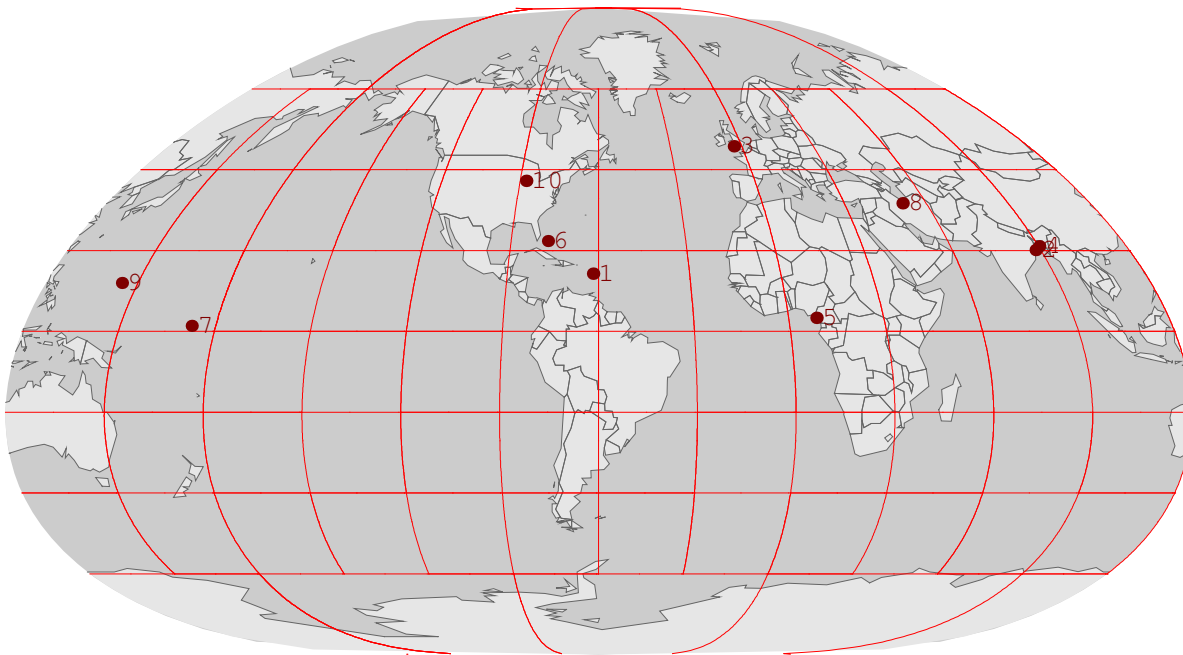




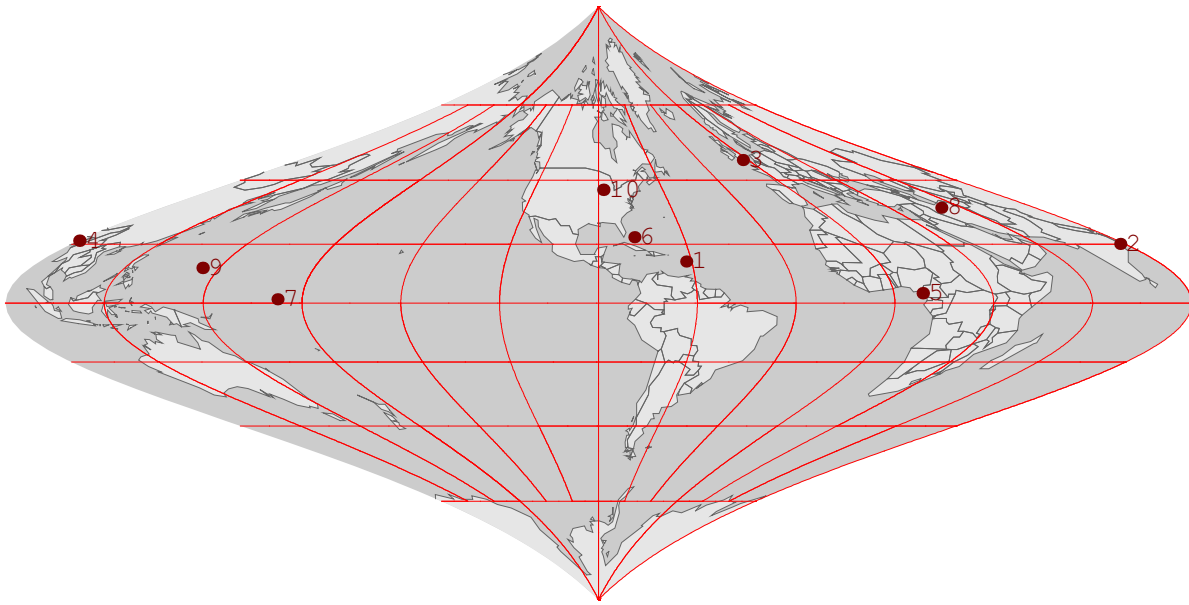
4.



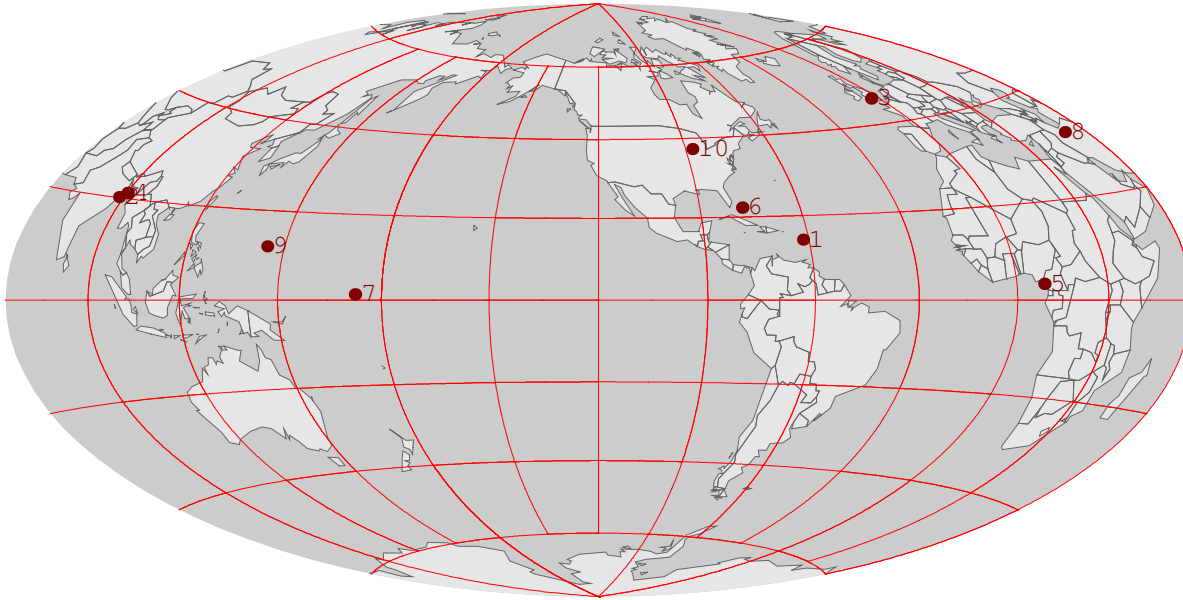
5.



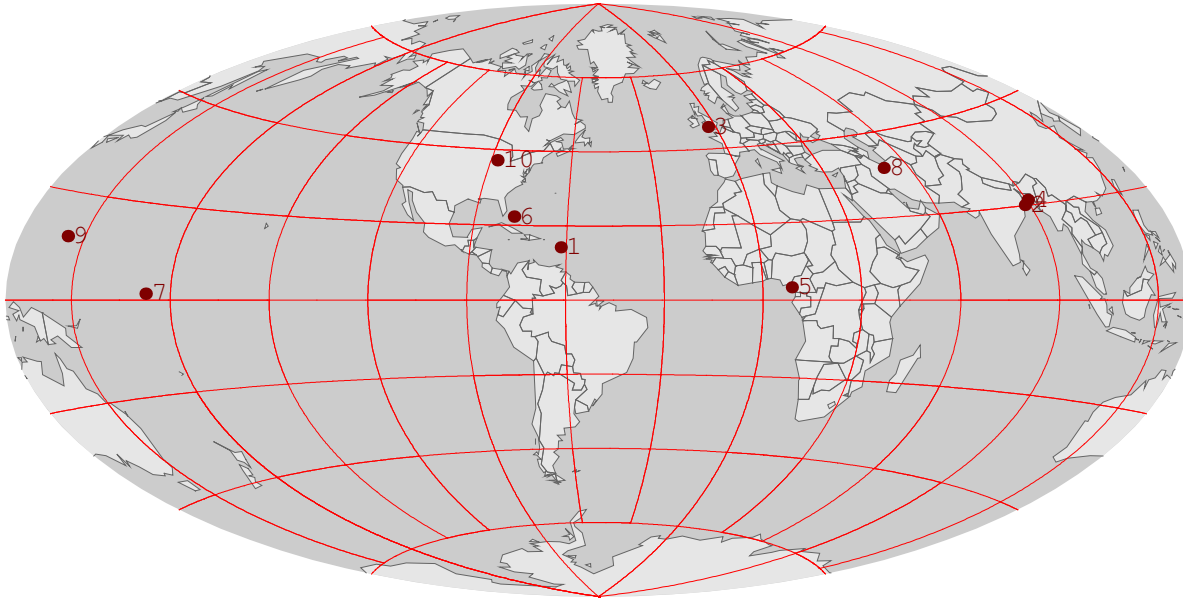
6.



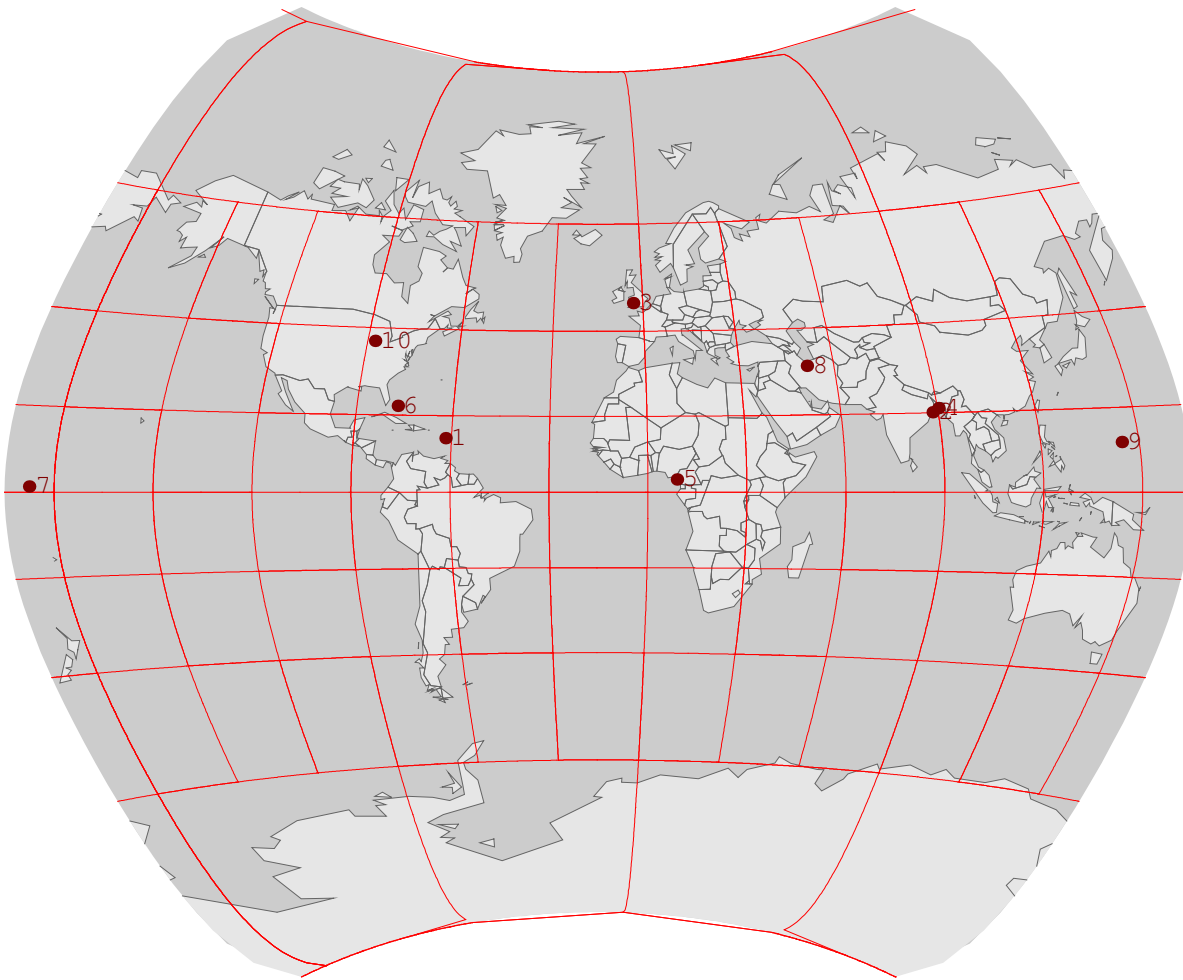
7.



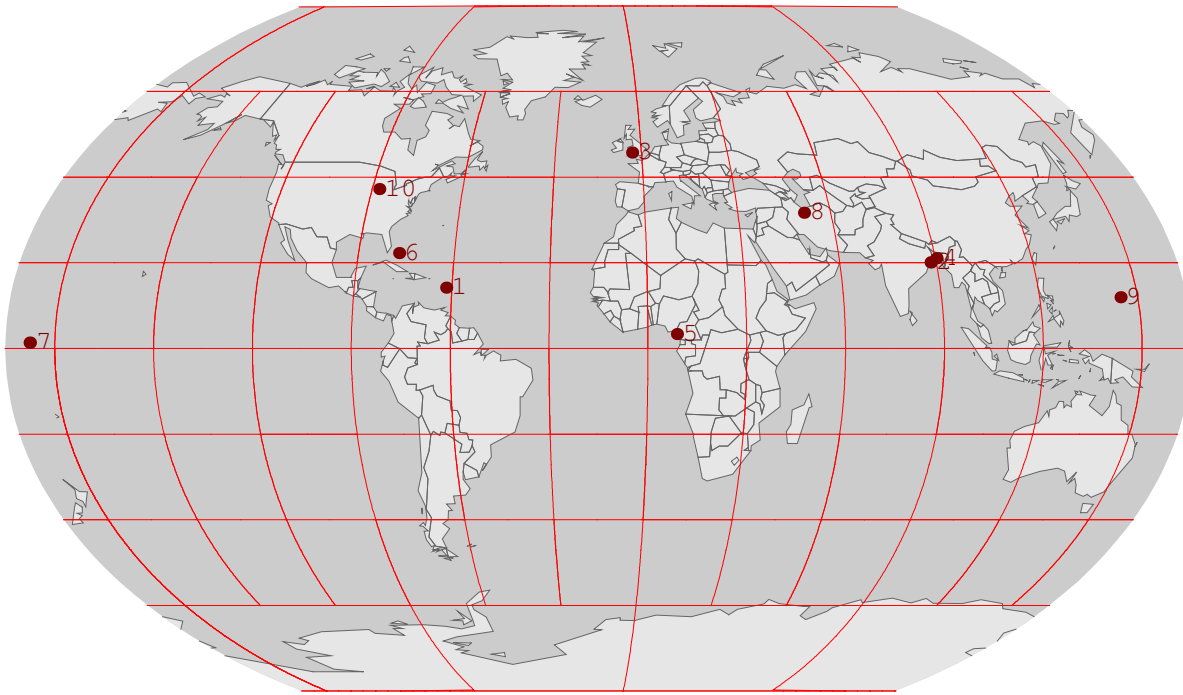
8.



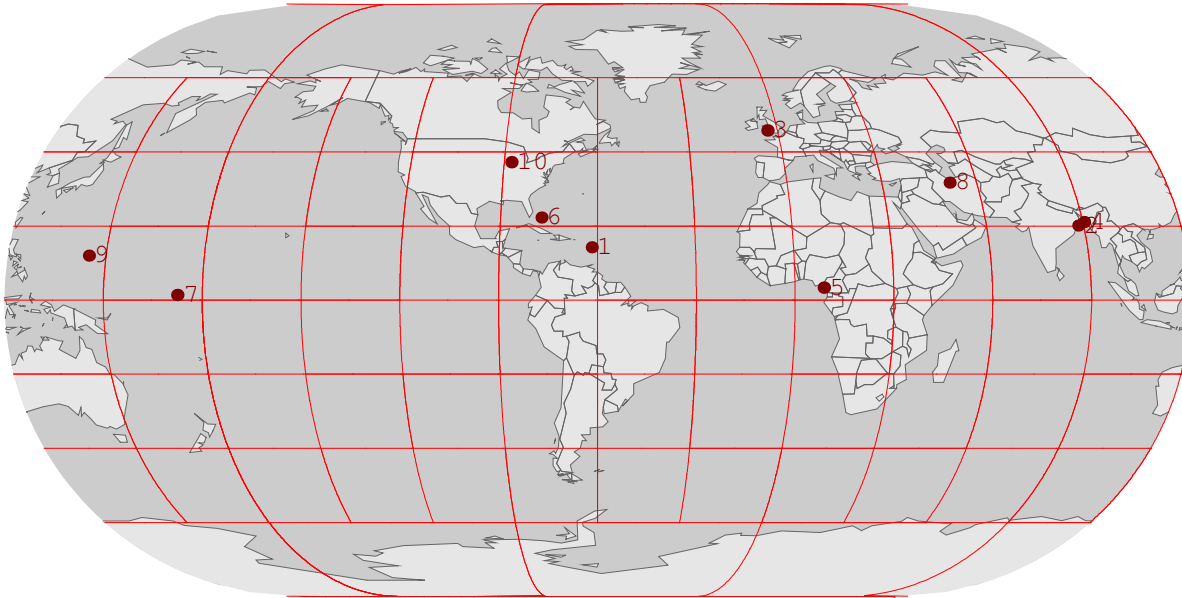
9.



10.

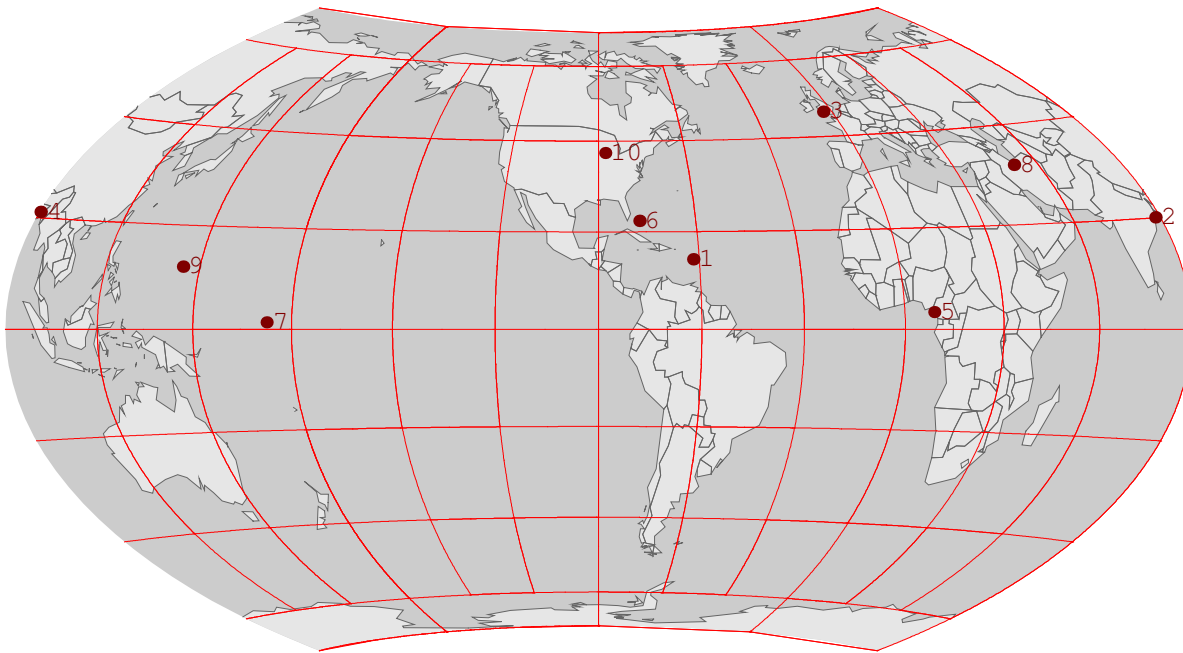


11.

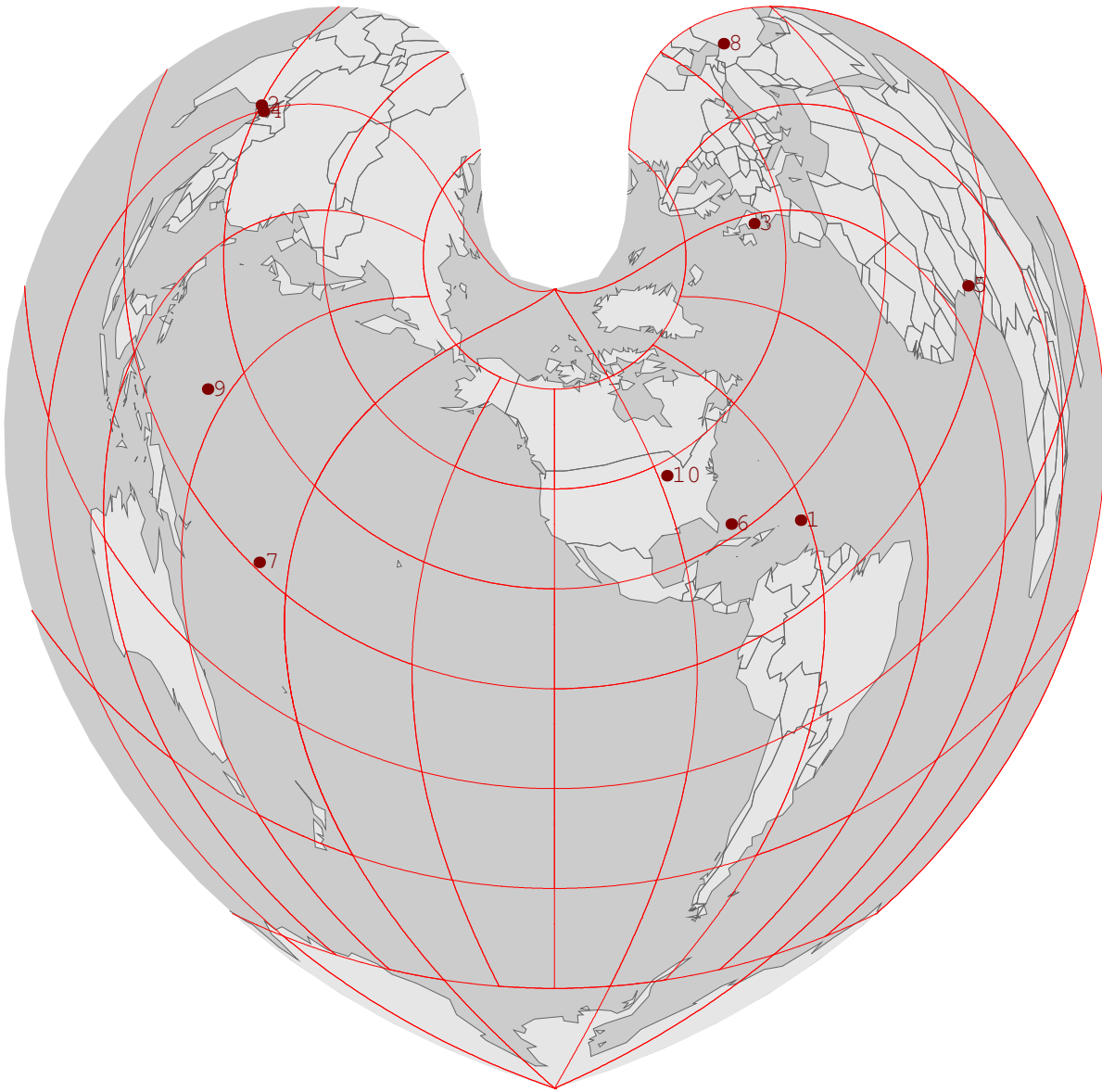




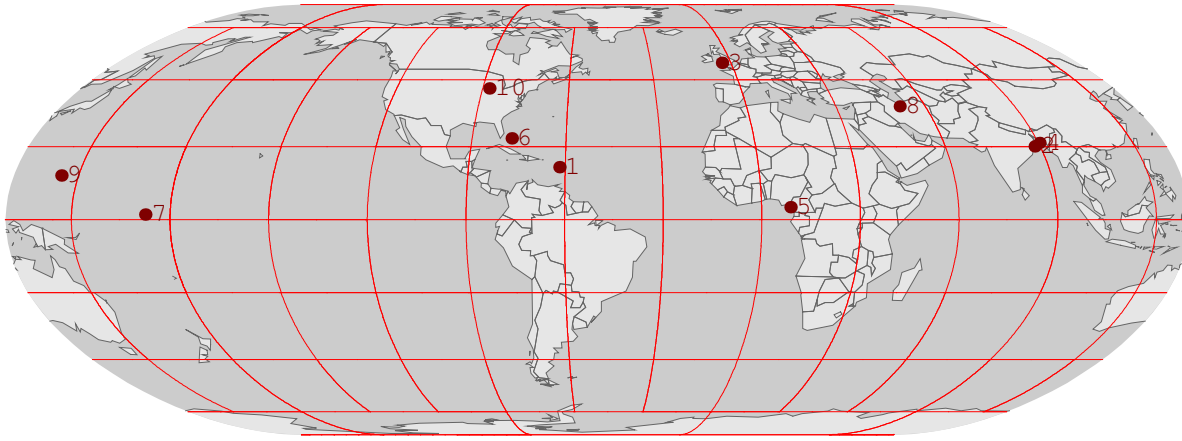
12.



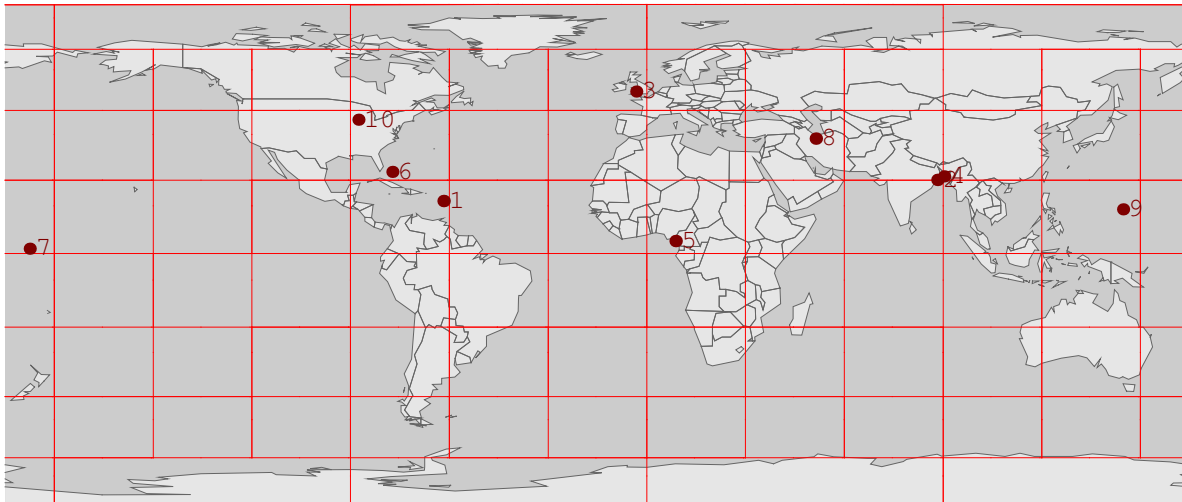
13.



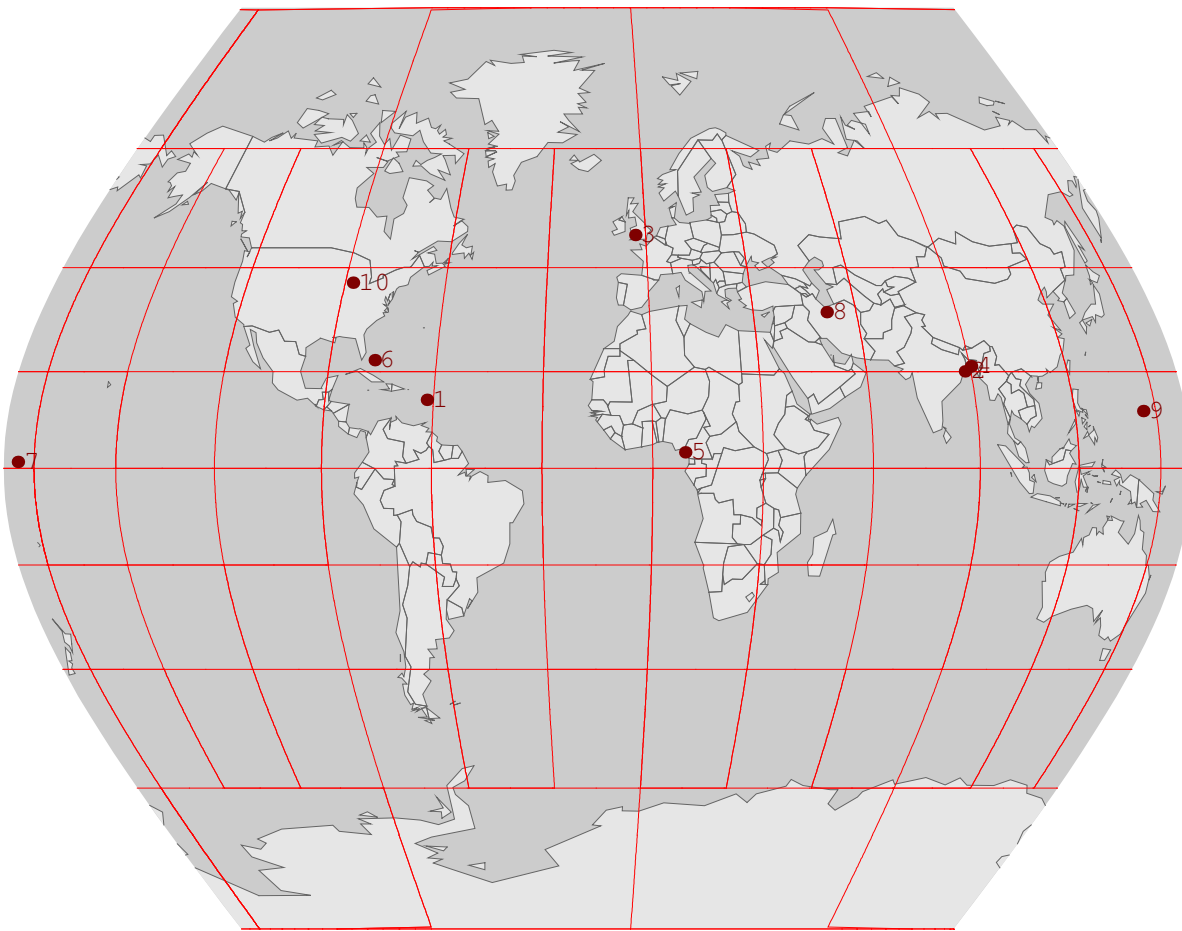
14.



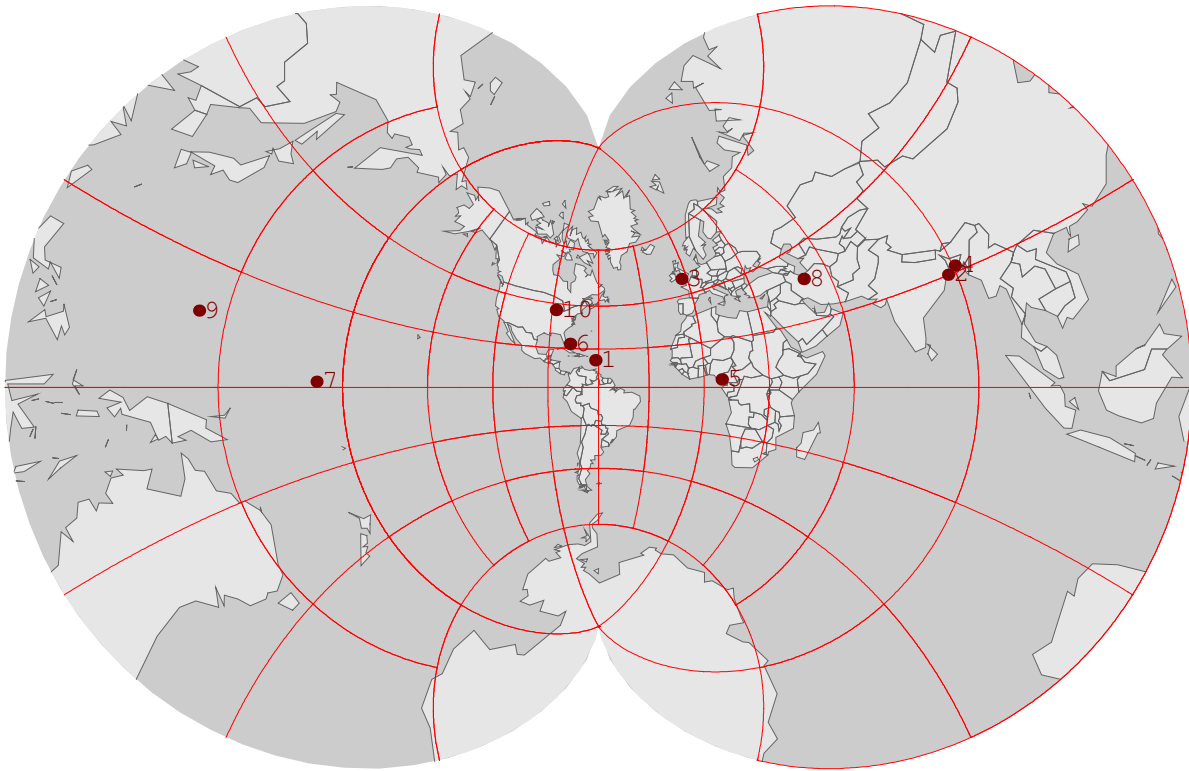
15.



16.



17.



18.

