

Izidor Hafner

# Maps

Latitude and Longitude

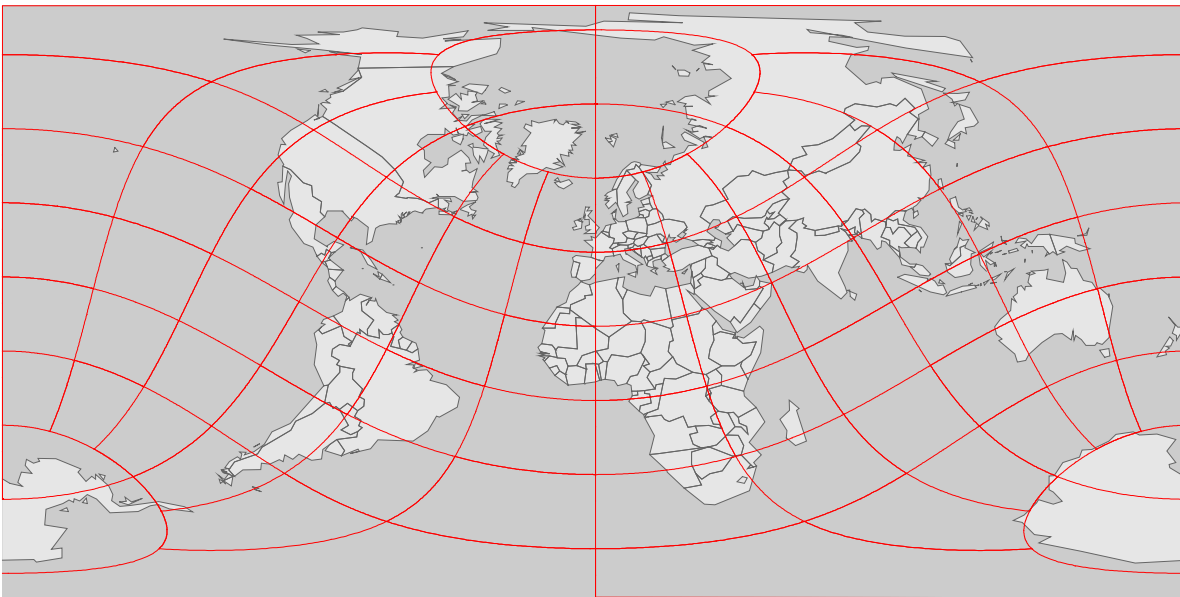
# Problems

1.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	43 N	75 E
2.	19 N	73 E
3.	19 N	81 W
4.	6 N	3 E
5.	50 N	14 E
6.	41 N	69 E
7.	18 N	63 W
8.	48 N	16 E
9.	18 N	65 W
10.	8 N	158 E

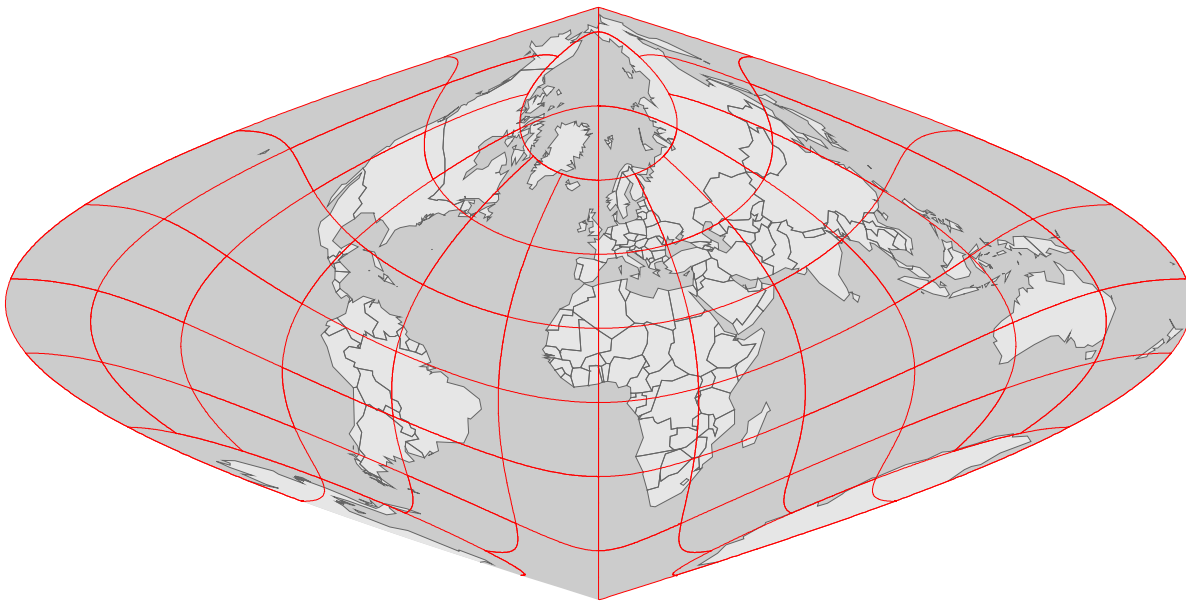


2.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	35 S	58 W
2.	25 N	52 E
3.	7 N	58 W
4.	28 N	85 E
5.	6 N	1 E
6.	9 S	147 E
7.	1 N	104 E
8.	42 N	22 E
9.	47 N	9 E
10.	33 N	97 W

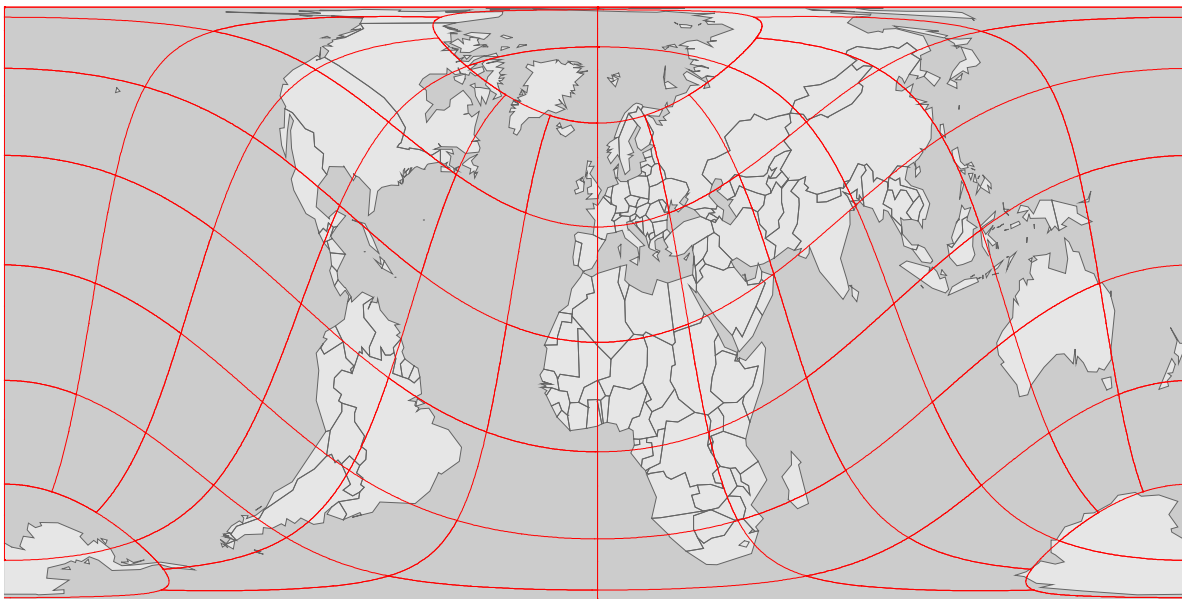


3.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	34 N	73 E
2.	9 S	13 E
3.	2 N	45 E
4.	35 N	136 E
5.	5 S	56 E
6.	48 N	16 E
7.	42 N	88 W
8.	41 N	74 W
9.	18 N	65 W
10.	33 N	117 W

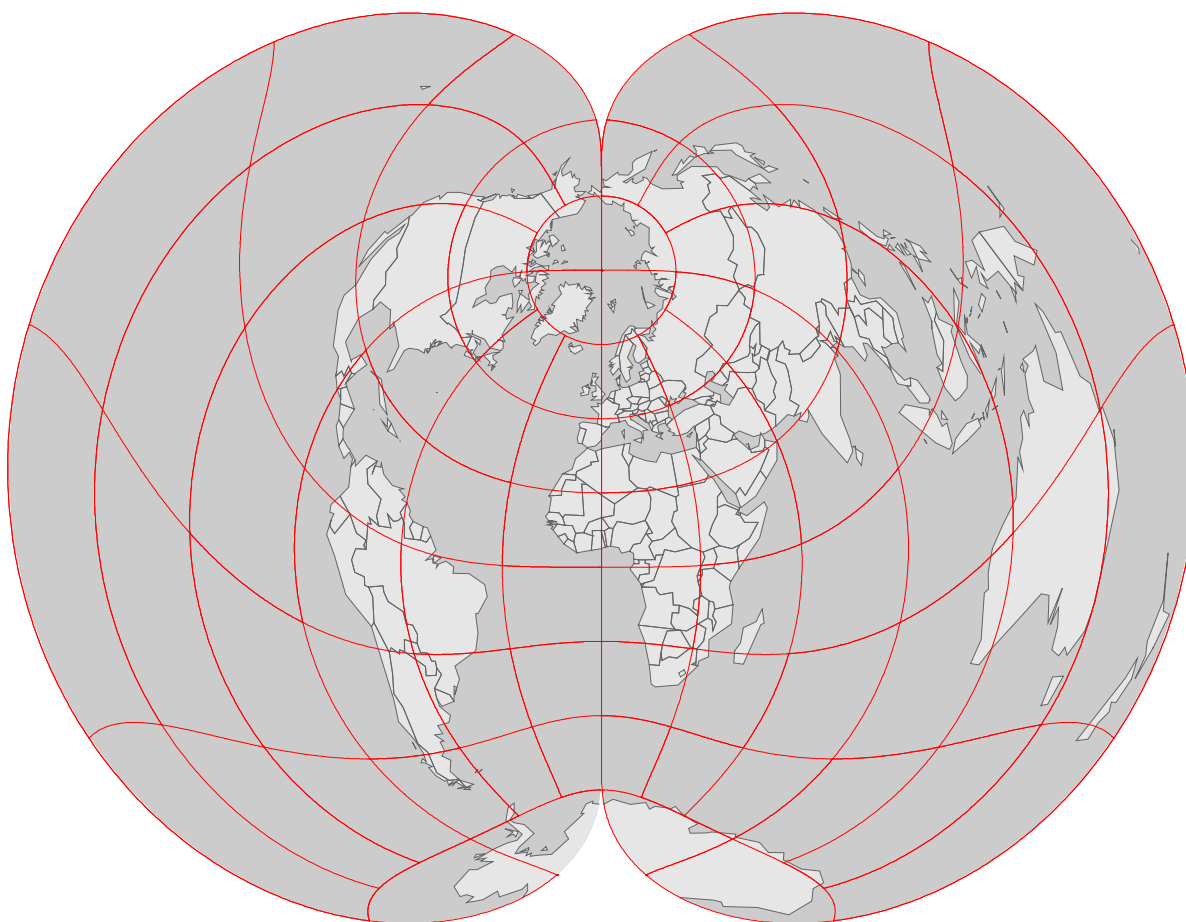


4.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	44 N	7 E
2.	51 N	7 E
3.	8 N	13 W
4.	8 S	179 E
5.	41 N	29 E
6.	3 N	102 E
7.	21 N	40 E
8.	25 N	77 W
9.	10 N	84 W
10.	39 N	77 W

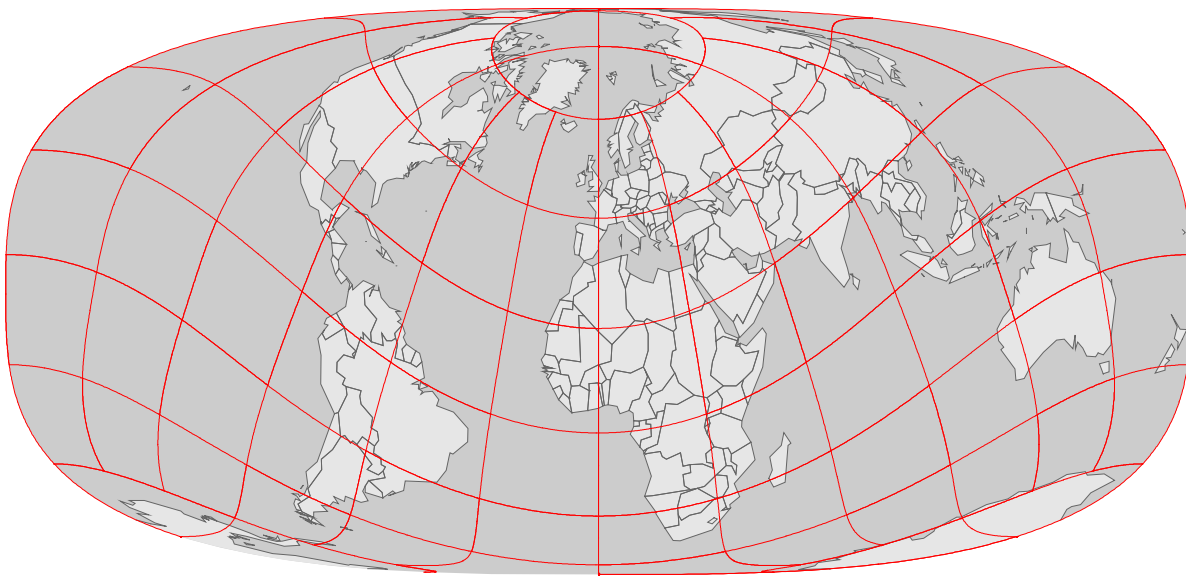


5.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	16 N	62 W
2.	23 N	88 E
3.	14 N	61 W
4.	19 N	72 W
5.	17 N	25 W
6.	43 N	23 E
7.	21 S	56 E
8.	28 N	90 E
9.	45 N	93 W
10.	39 N	90 W

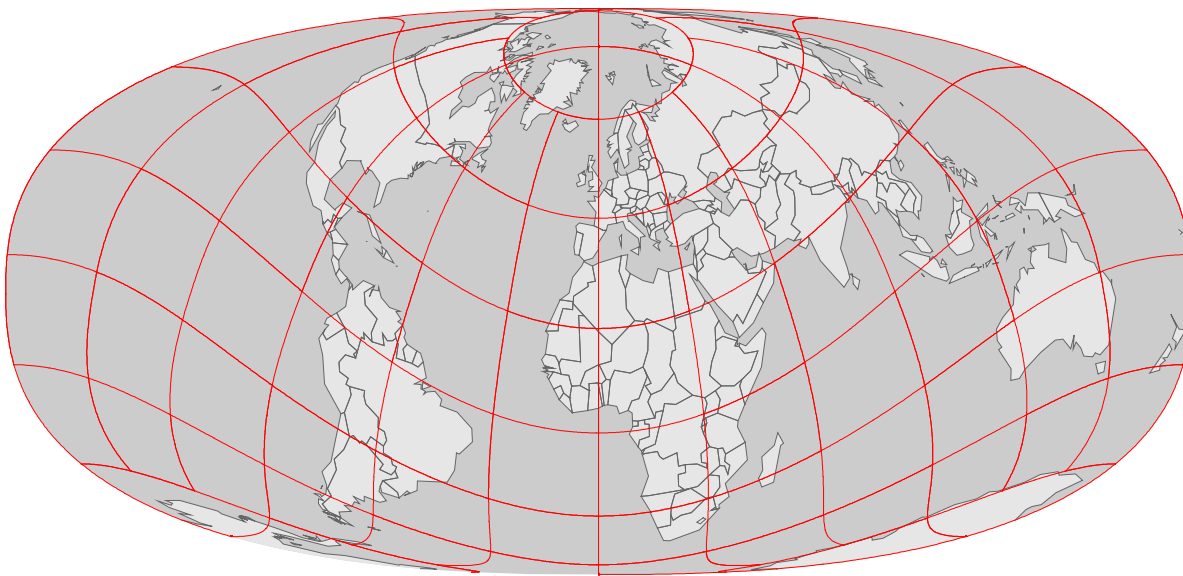


6.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	13 N	8 W
2.	30 N	31 E
3.	7 S	39 E
4.	0 S	9 E
5.	4 N	9 E
6.	15 N	44 E
7.	21 S	56 E
8.	34 S	151 E
9.	49 N	123 W
10.	40 N	105 W



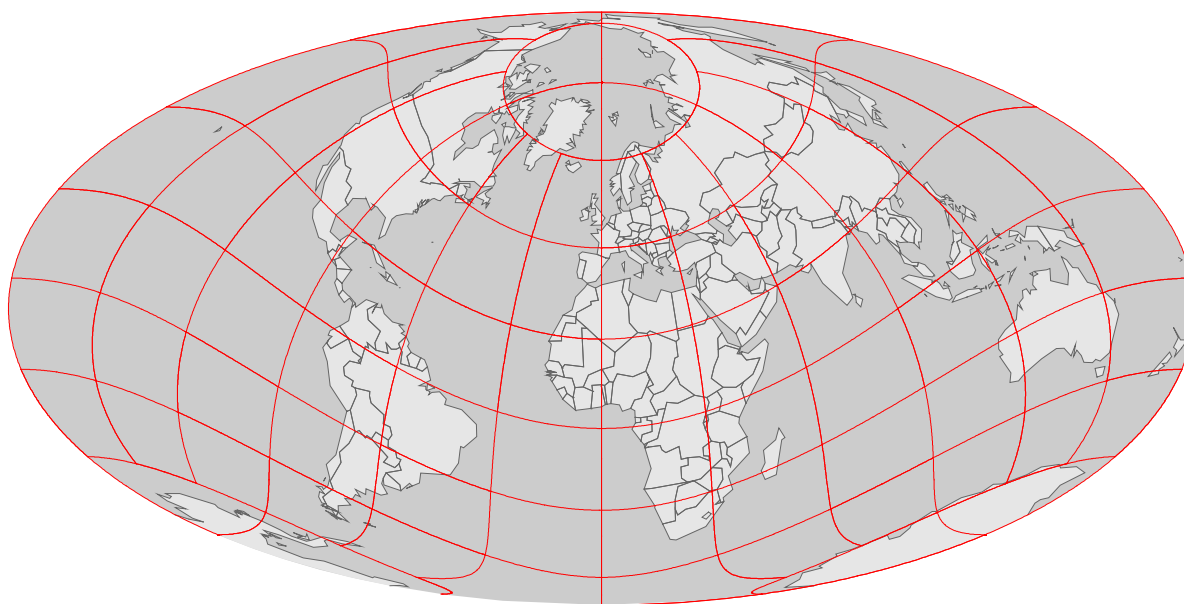


7.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	45 N	20 E
2.	48 N	19 E
3.	18 S	31 E
4.	2 S	30 E
5.	5 N	73 E
6.	6 N	3 E
7.	15 N	44 E
8.	5 S	56 E
9.	42 N	71 W
10.	34 N	118 W

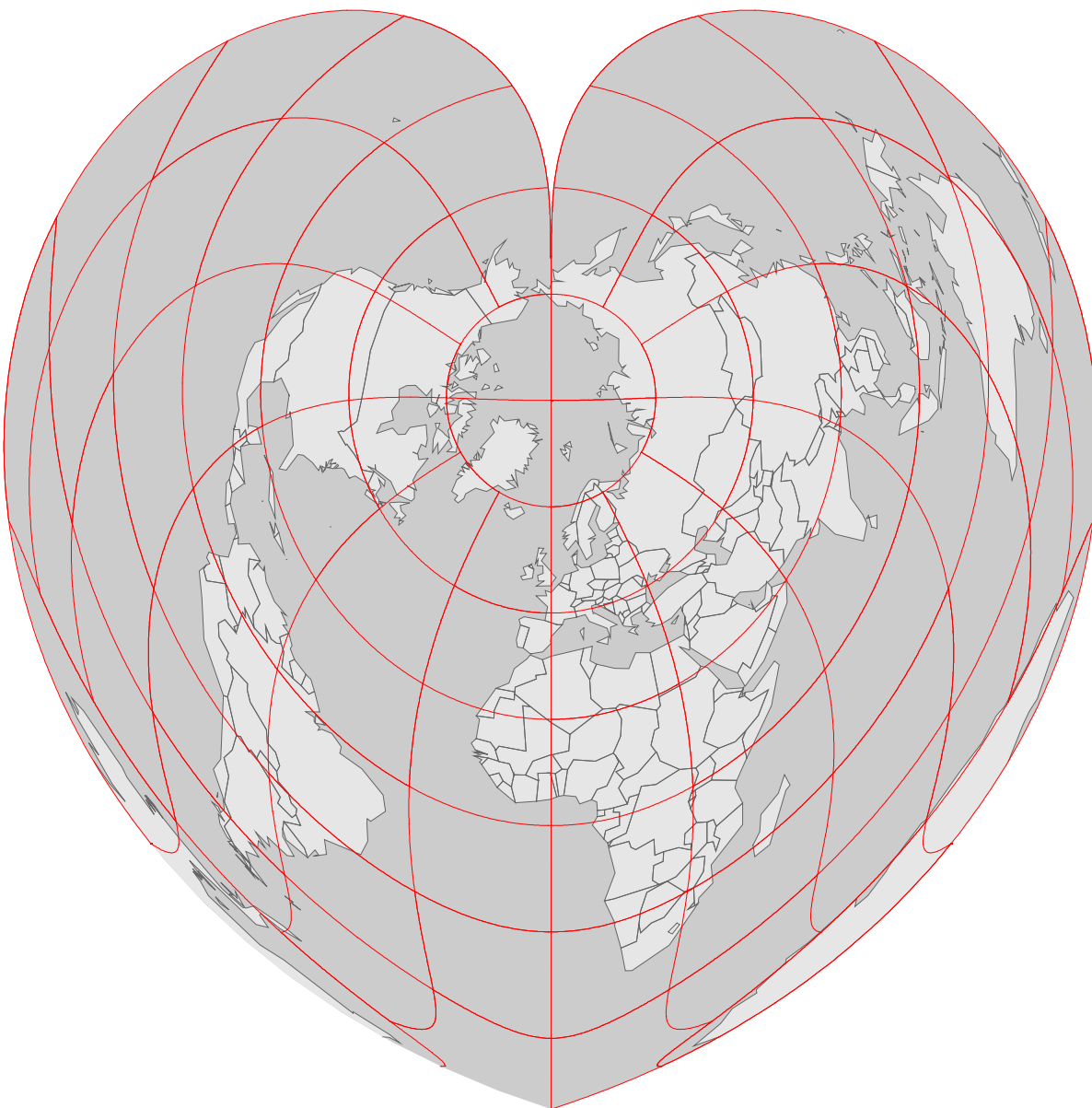


8.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	4 N	19 E
2.	9 N	14 W
3.	46 N	6 E
4.	64 N	52 W
5.	0 S	32 E
6.	25 N	67 E
7.	3 N	102 E
8.	19 S	168 E
9.	33 N	13 E
10.	40 N	45 E

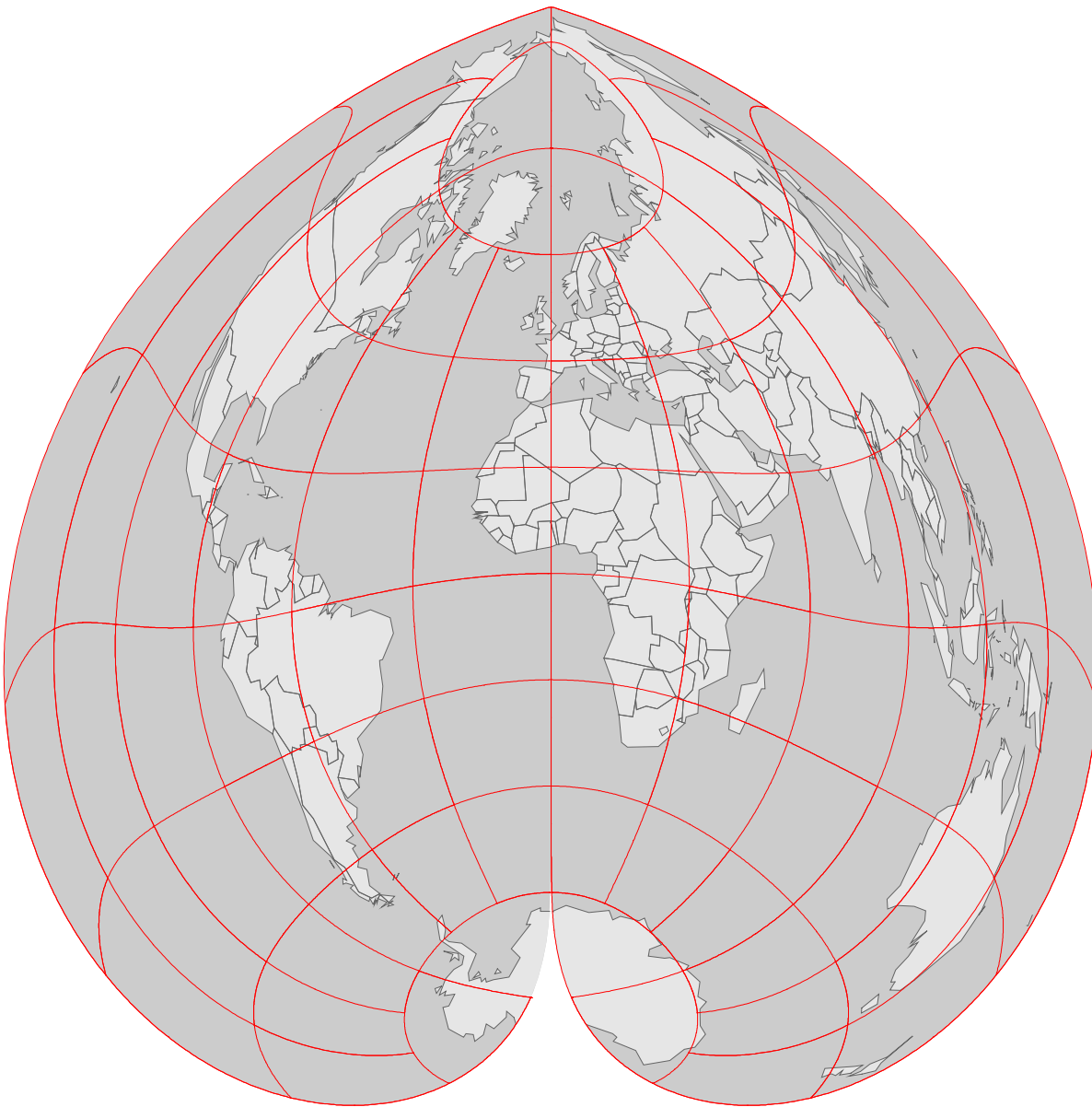


9.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	25 S	58 W
2.	27 N	13 W
3.	4 S	15 E
4.	28 N	15 W
5.	26 N	51 E
6.	46 N	74 W
7.	18 N	16 W
8.	25 N	47 E
9.	44 N	12 E
10.	38 N	122 W

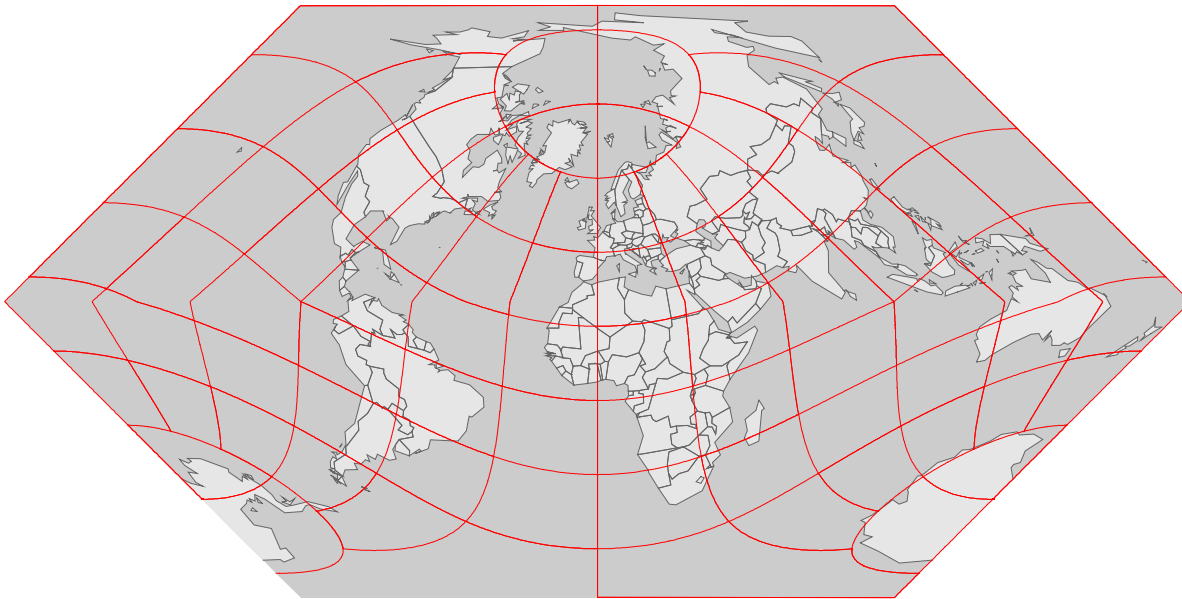


10.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	44 N	7 E
2.	7 S	39 E
3.	33 N	64 E
4.	15 N	121 E
5.	35 N	33 E
6.	60 N	11 E
7.	39 N	29 W
8.	34 N	7 W
9.	2 N	172 E
10.	37 N	10 E

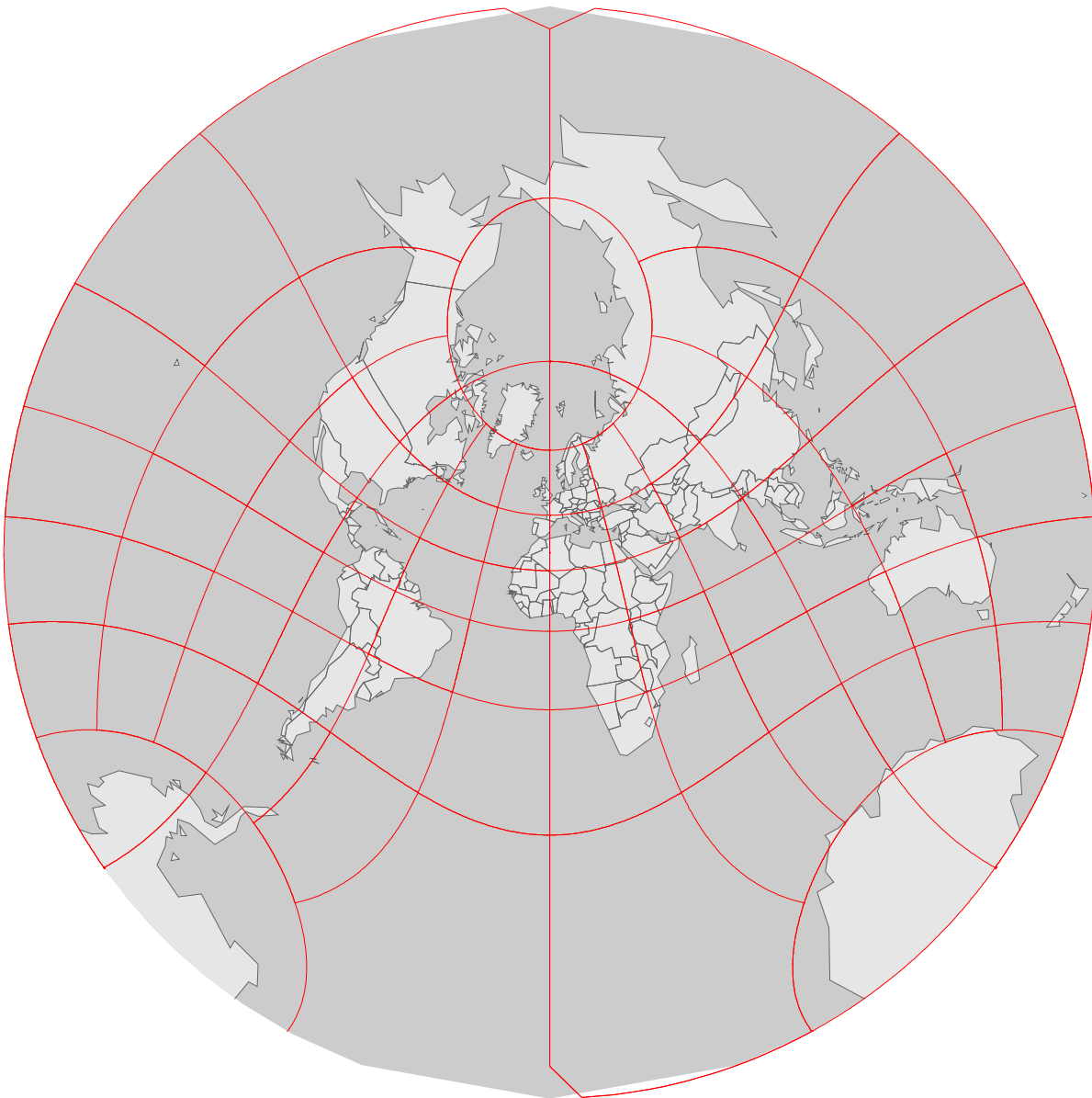


11.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	4 S	15 E
2.	7 S	39 E
3.	18 S	31 E
4.	54 N	28 E
5.	6 N	55 W
6.	38 N	127 E
7.	60 N	30 E
8.	18 S	178 E
9.	34 S	151 E
10.	39 N	117 E

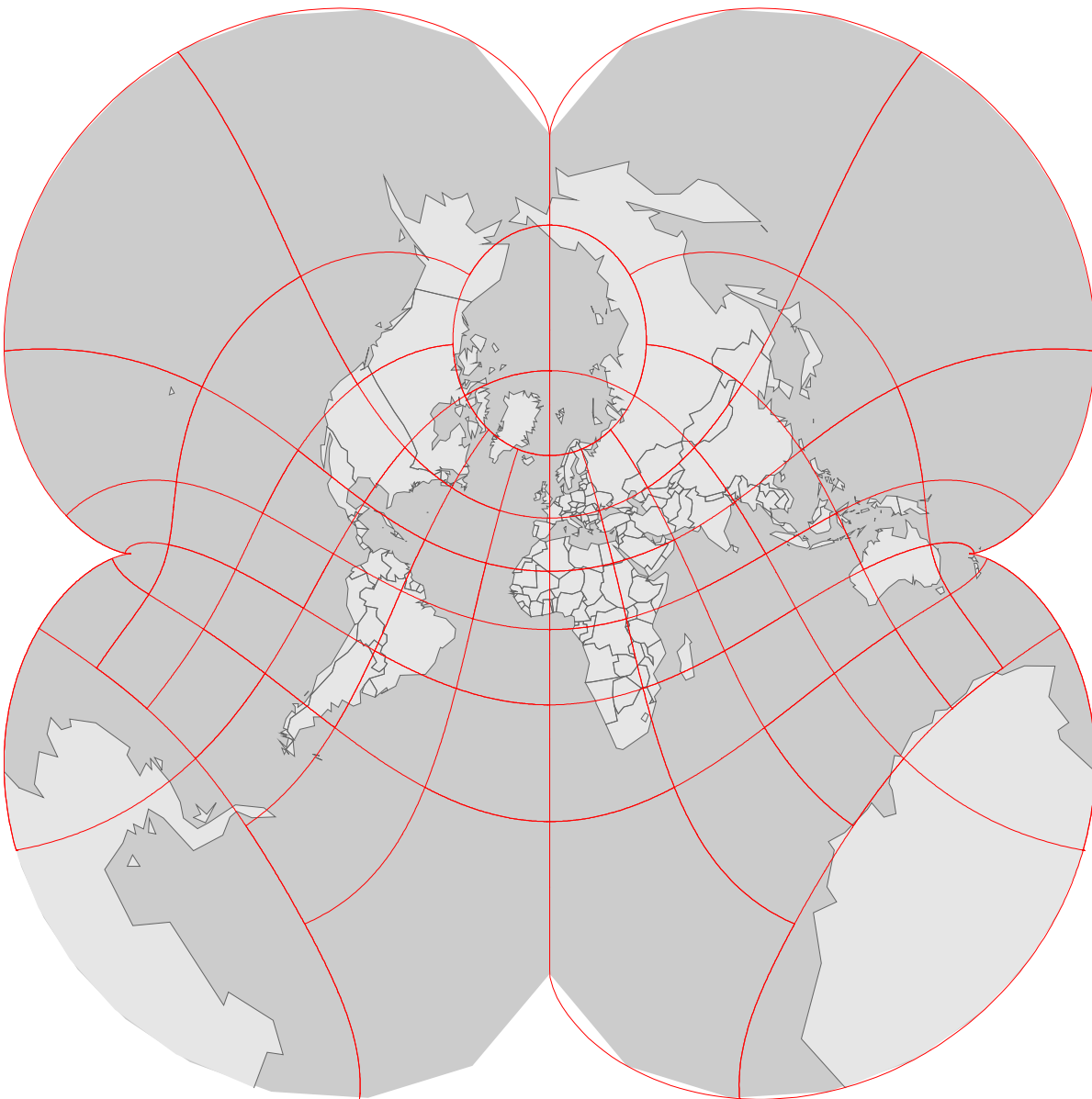


12.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	42 N	12 E
2.	37 N	3 E
3.	15 N	90 W
4.	9 S	13 E
5.	12 N	86 W
6.	1 S	37 E
7.	25 N	122 E
8.	36 N	51 E
9.	12 N	69 W
10.	33 N	97 W

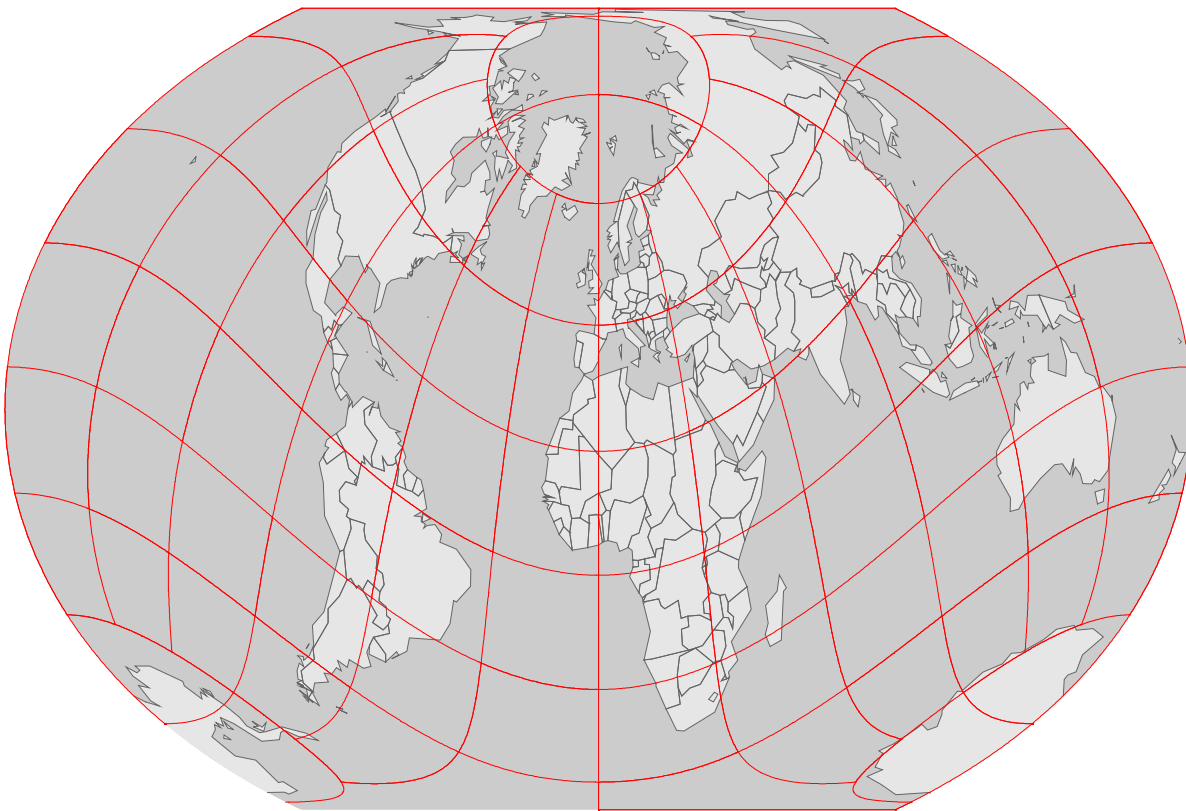


13.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	14 N	100 E
2.	16 S	48 W
3.	34 S	18 E
4.	6 S	107 E
5.	12 N	86 W
6.	29 N	77 E
7.	39 N	29 W
8.	9 S	147 E
9.	19 S	168 E
10.	40 N	75 W

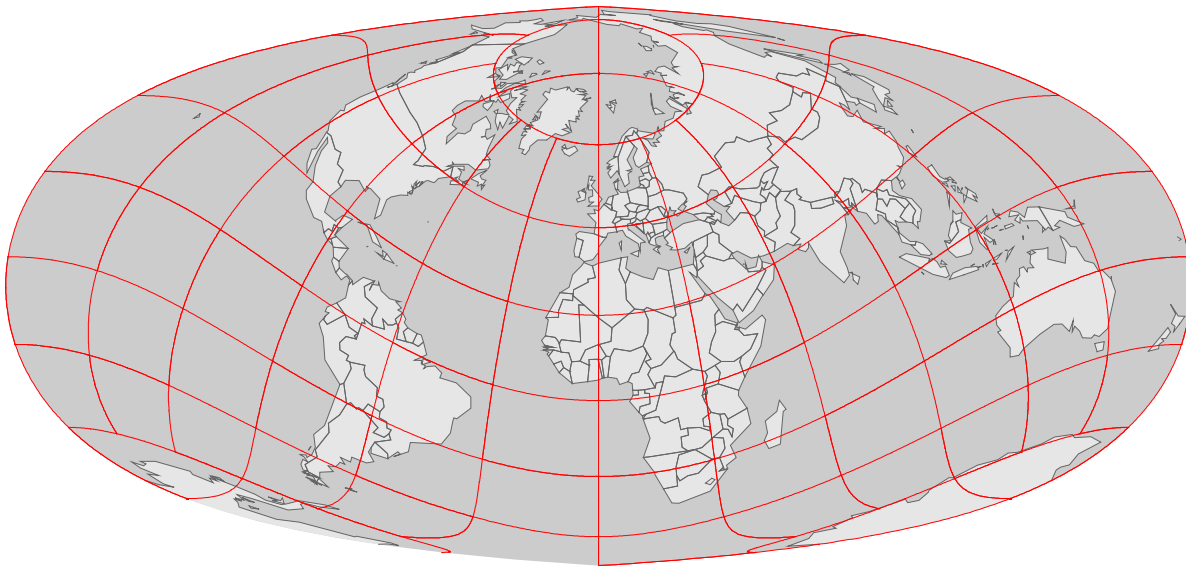


14.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	34 N	36 E
2.	5 N	74 W
3.	8 S	179 E
4.	52 N	0 W
5.	21 N	40 E
6.	33 S	71 W
7.	42 N	45 E
8.	28 N	90 E
9.	46 N	16 E
10.	18 N	65 W



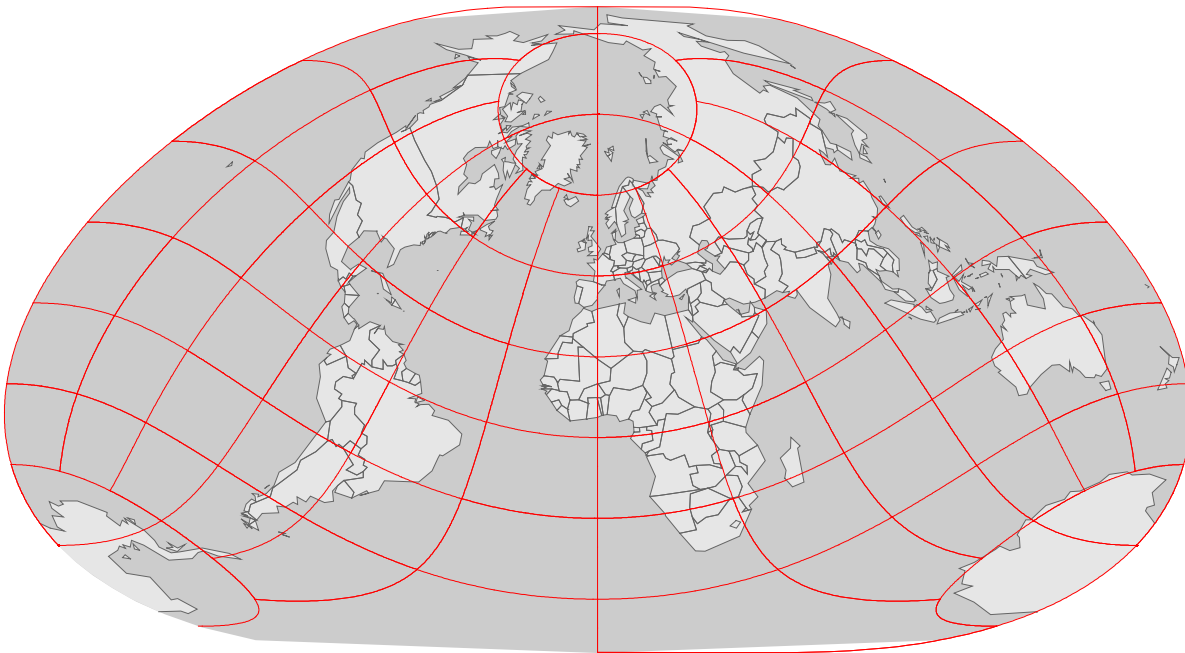


15.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	32 N	36 E
2.	40 N	33 E
3.	4 S	15 E
4.	24 N	90 E
5.	6 N	3 E
6.	12 N	15 E
7.	44 N	12 E
8.	52 S	60 W
9.	41 S	175 E
10.	40 N	75 W

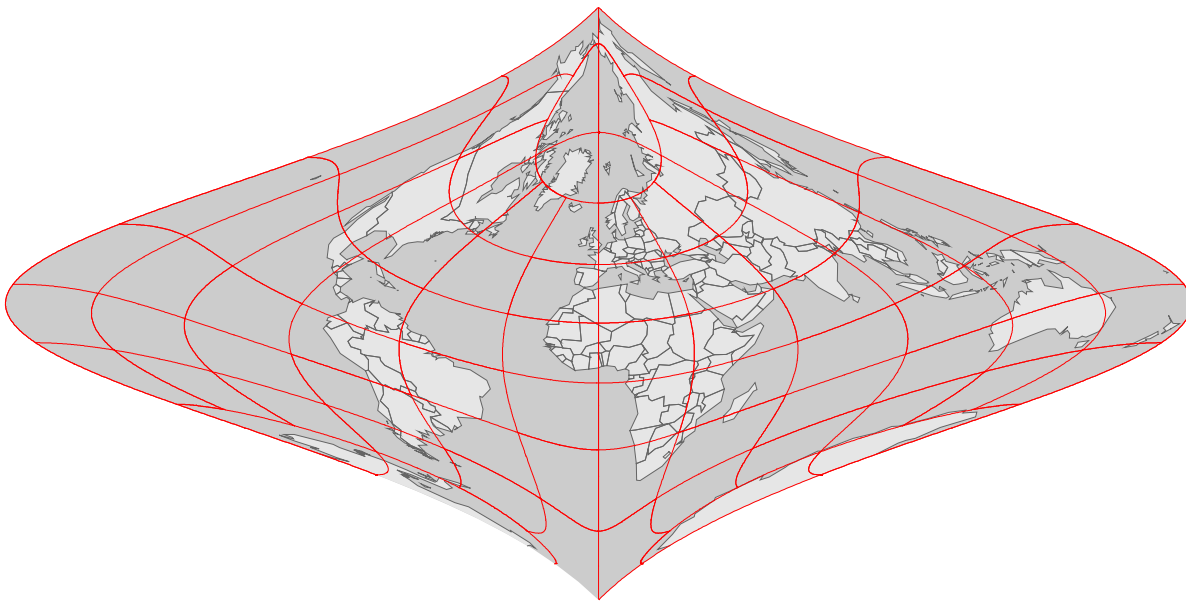


16.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	43 N	77 E
2.	52 N	5 E
3.	38 N	58 E
4.	19 N	81 W
5.	64 N	52 W
6.	28 N	85 E
7.	13 N	61 W
8.	52 N	0 W
9.	41 N	112 W
10.	18 N	66 W

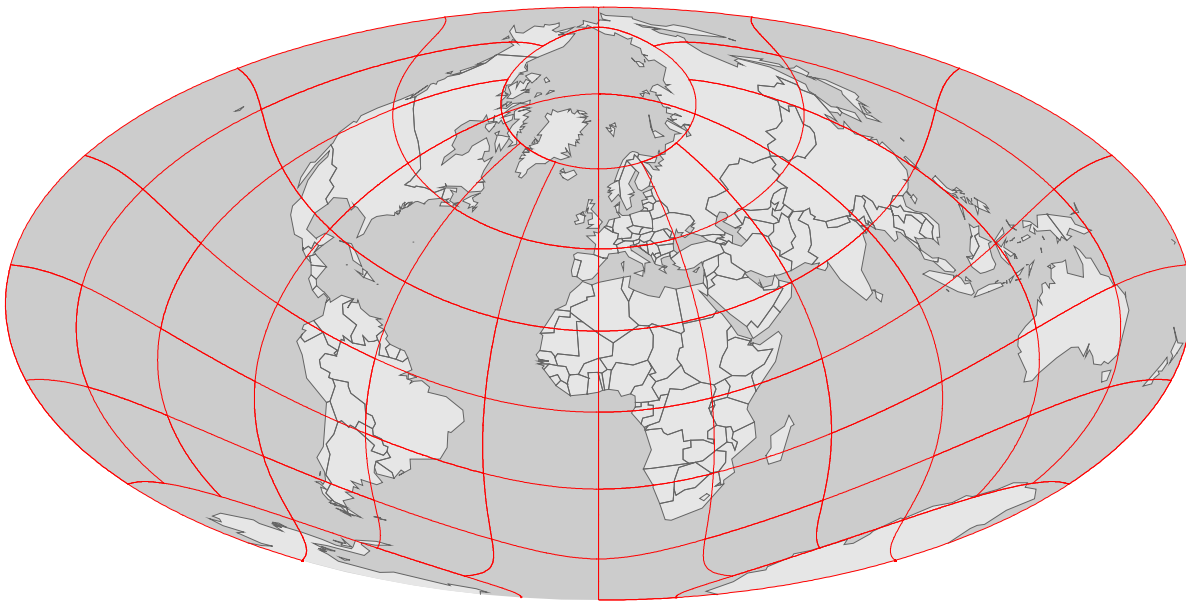


17.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	21 N	106 E
2.	41 N	29 E
3.	32 N	35 E
4.	25 N	47 E
5.	24 S	47 W
6.	42 N	22 E
7.	18 N	63 W
8.	12 N	69 W
9.	4 N	12 E
10.	33 N	97 W

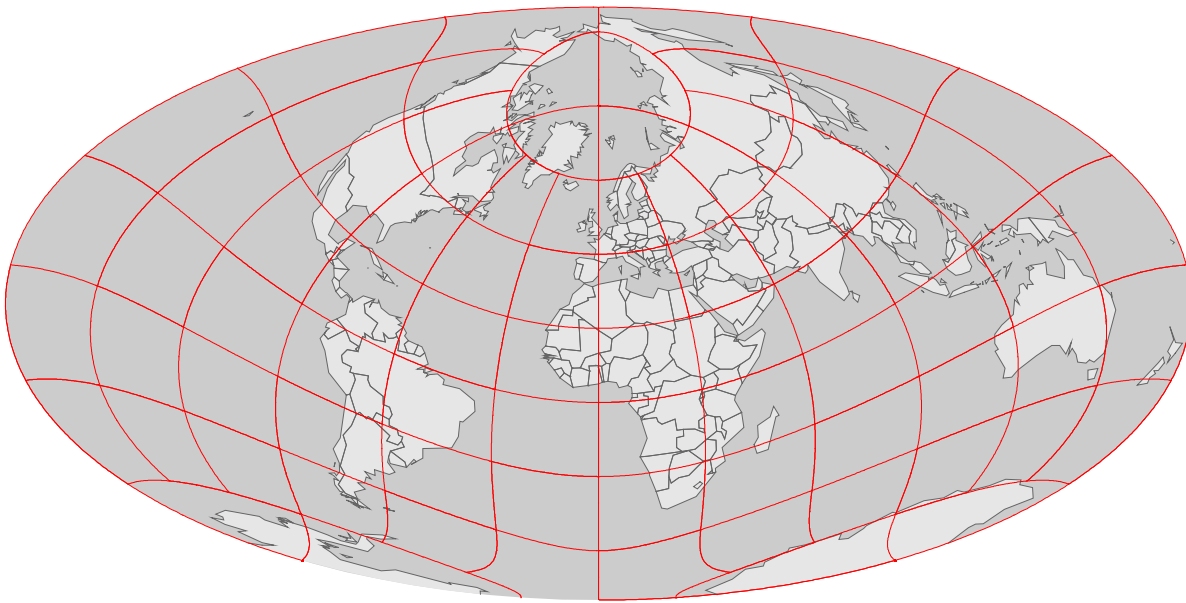


18.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	16 S	48 W
2.	34 N	36 E
3.	18 N	77 W
4.	39 N	9 W
5.	17 N	25 W
6.	42 N	12 E
7.	59 N	18 E
8.	48 N	107 E
9.	8 N	158 E
10.	18 N	66 W

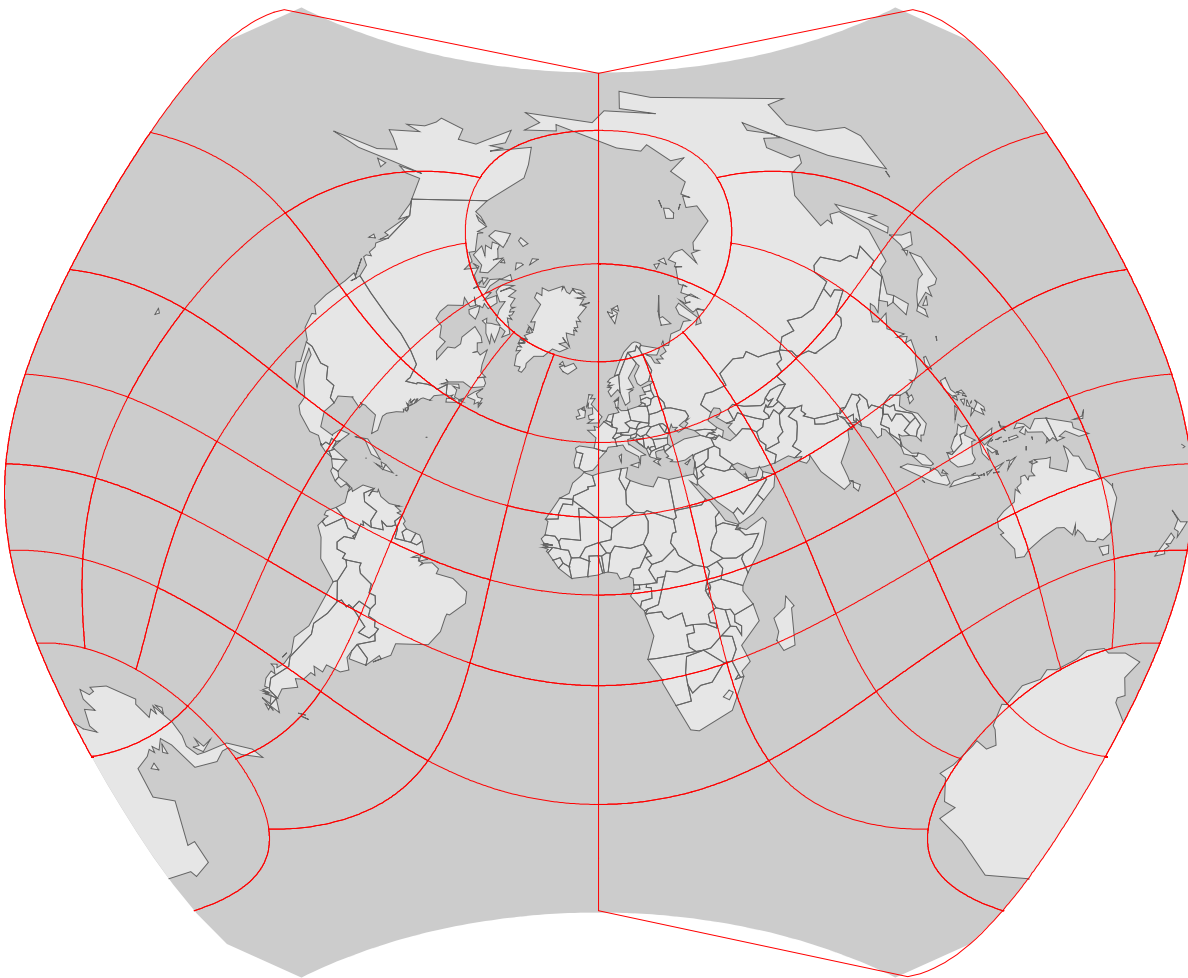


19.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	6 N	0 W
2.	15 N	39 E
3.	47 N	8 E
4.	15 N	17 W
5.	9 S	172 W
6.	6 N	55 W
7.	12 N	105 E
8.	26 S	28 E
9.	39 N	126 E
10.	14 N	87 W

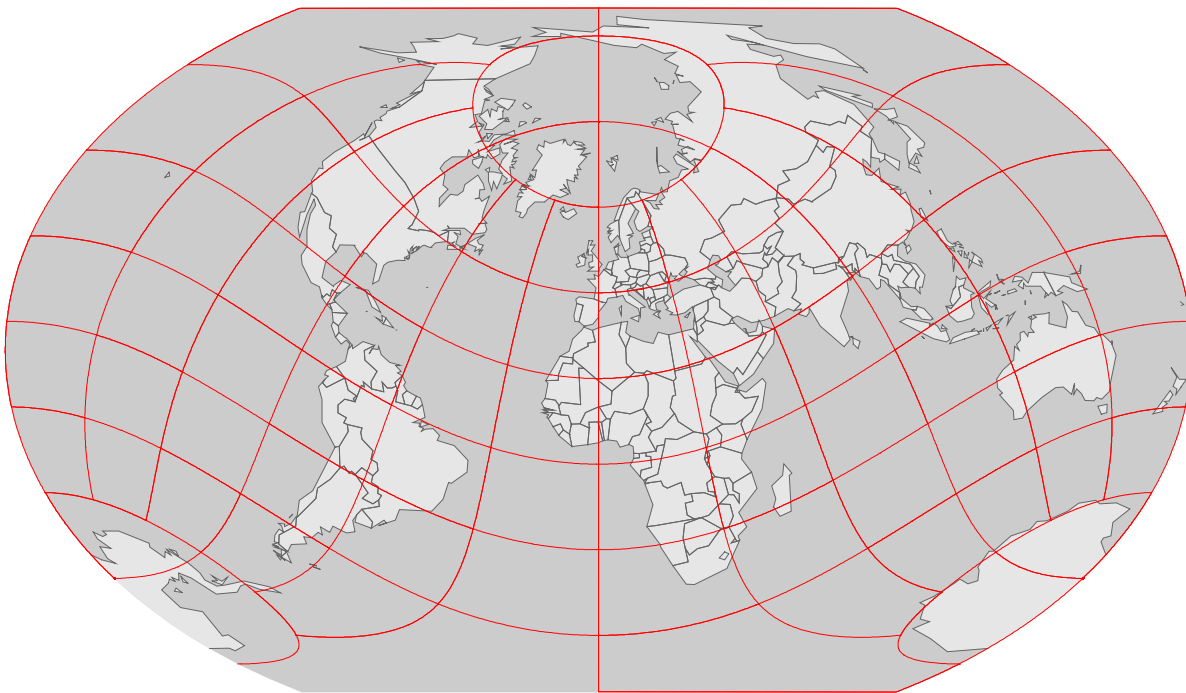


20.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	14 S	172 W
2.	43 N	75 E
3.	24 N	90 E
4.	34 N	36 E
5.	7 S	39 E
6.	6 S	107 E
7.	28 N	85 E
8.	35 S	56 W
9.	13 N	2 E
10.	33 N	13 E

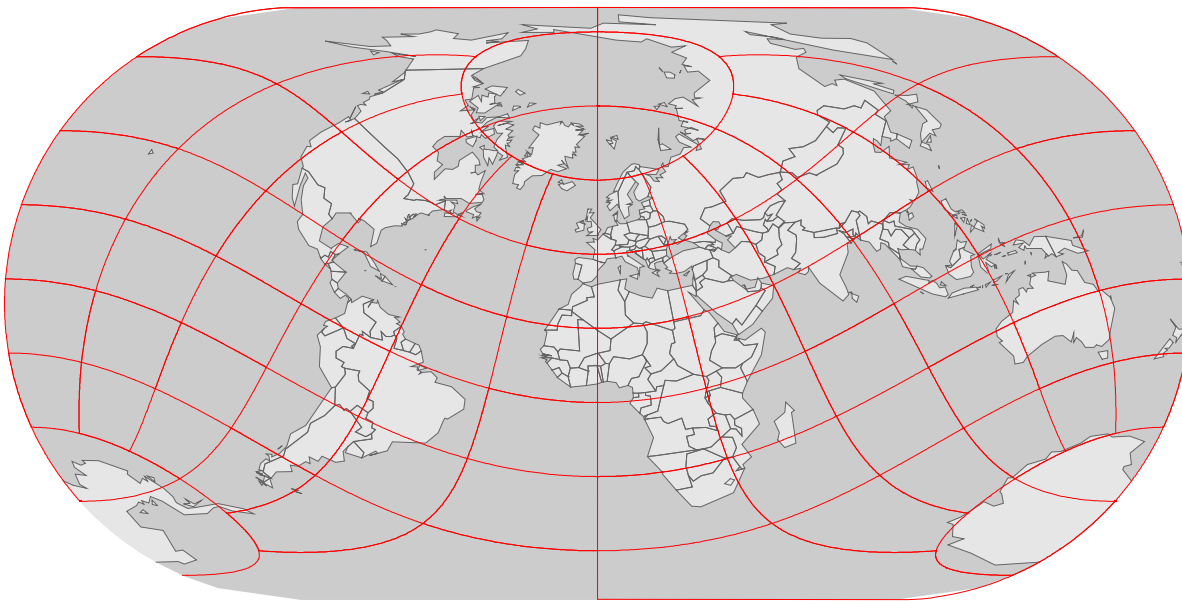


21.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	6 N	0 W
2.	17 N	63 W
3.	39 N	65 E
4.	8 S	179 E
5.	15 N	121 E
6.	12 N	15 E
7.	45 N	76 W
8.	0 S	7 E
9.	12 N	69 W
10.	61 N	150 W

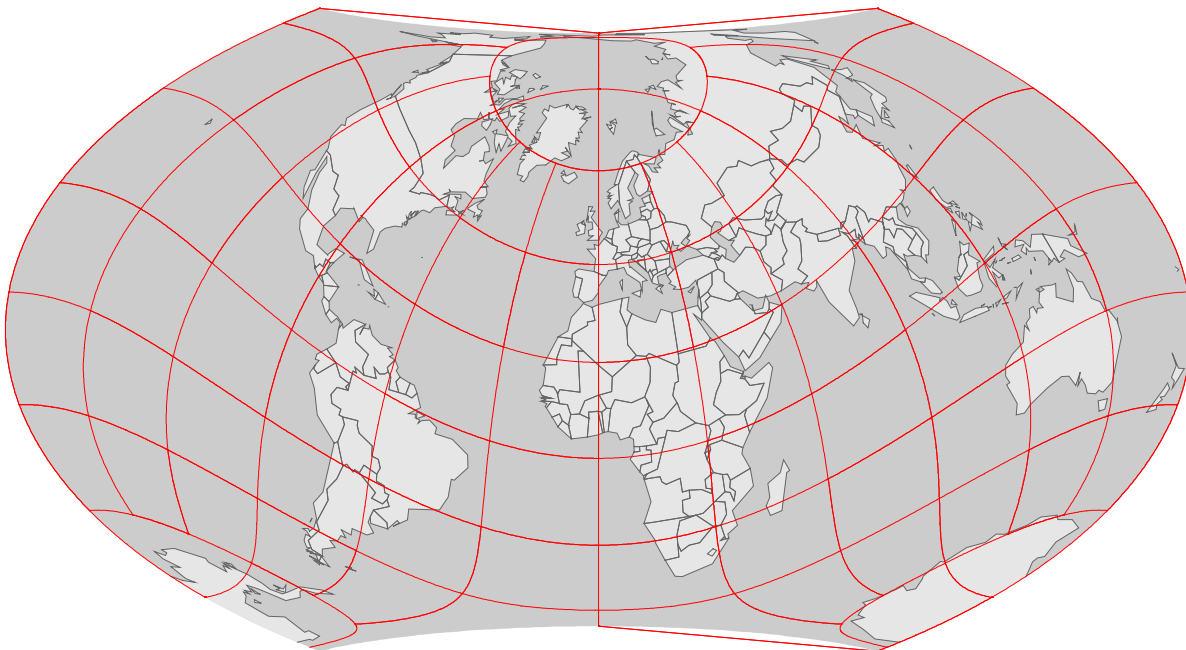


22.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	13 N	45 E
2.	12 N	16 W
3.	4 S	15 E
4.	30 N	31 E
5.	5 N	52 W
6.	5 N	73 E
7.	44 N	18 E
8.	31 N	122 E
9.	34 N	84 W
10.	41 N	112 W



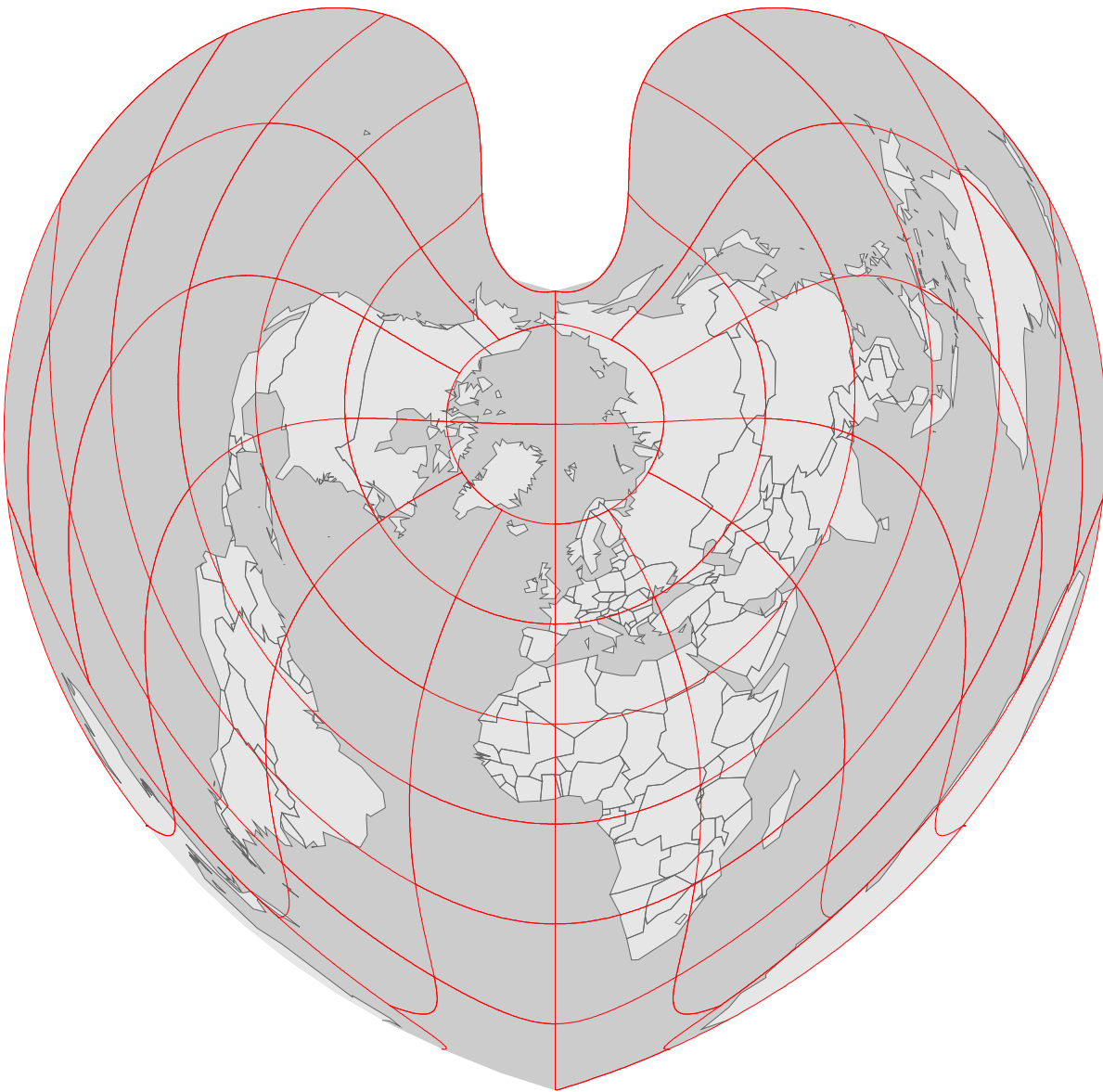


23.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	25 S	58 W
2.	43 N	75 E
3.	6 N	3 E
4.	54 N	28 E
5.	22 S	166 E
6.	9 N	75 W
7.	25 N	47 E
8.	15 N	44 E
9.	18 N	63 W
10.	13 N	145 E

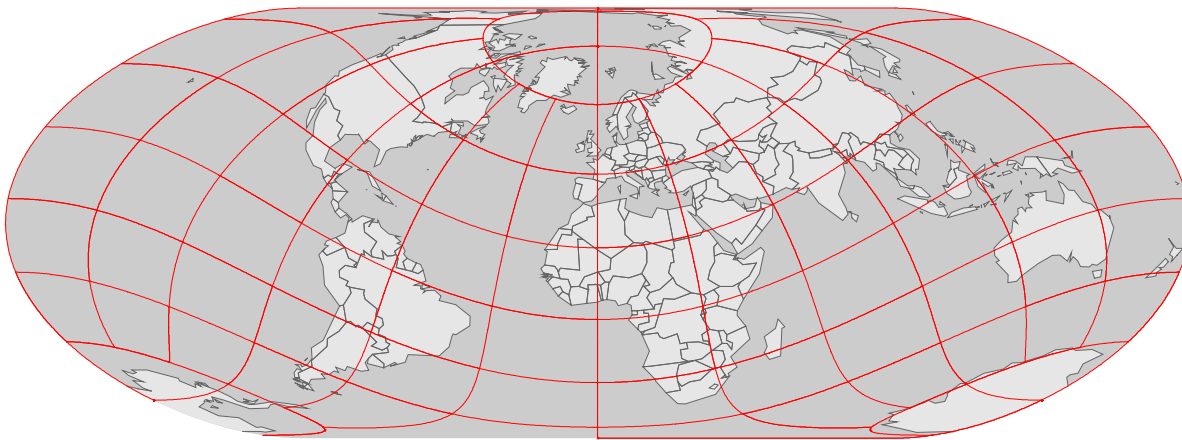


24.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	13 N	45 E
2.	12 N	16 W
3.	39 N	65 E
4.	56 N	3 W
5.	26 N	51 E
6.	12 N	15 E
7.	32 S	116 E
8.	17 N	62 W
9.	37 N	122 W
10.	8 N	158 E

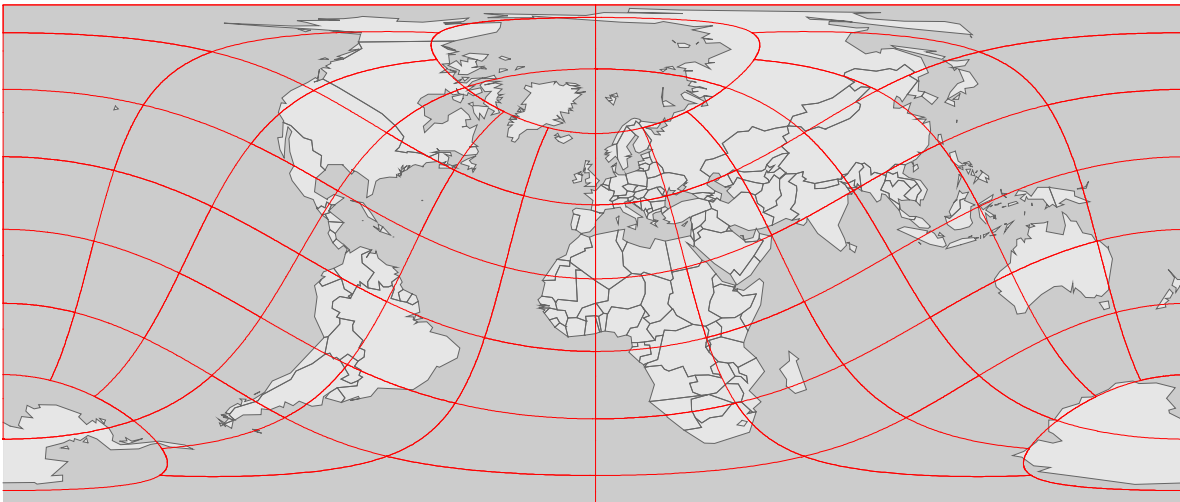


25.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	8 S	179 E
2.	64 N	52 W
3.	7 N	134 E
4.	18 N	16 W
5.	45 N	76 W
6.	39 N	29 W
7.	17 N	96 E
8.	44 N	18 E
9.	48 N	107 E
10.	49 N	123 W

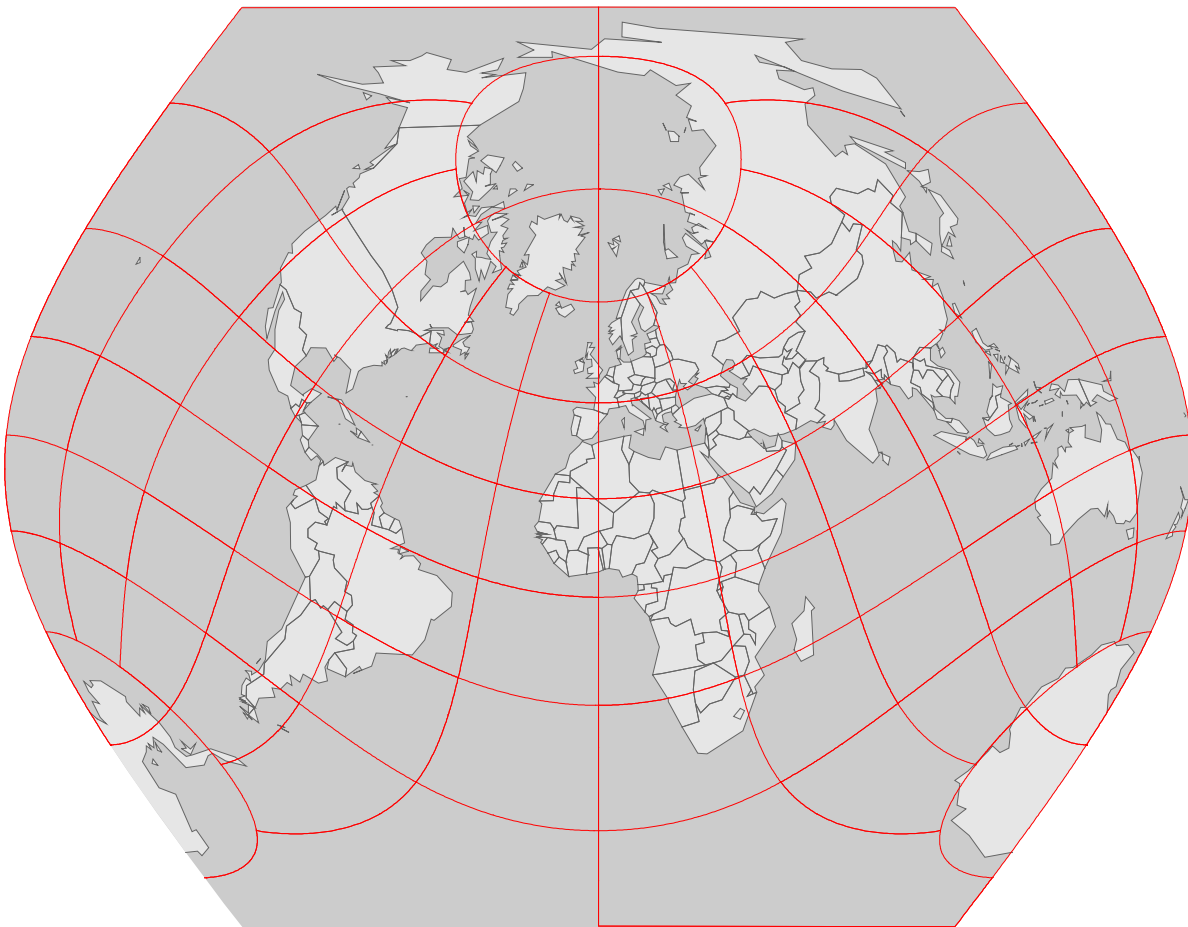


26.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	37 N	3 E
2.	17 N	88 W
3.	0 S	9 E
4.	9 S	13 E
5.	50 N	6 E
6.	29 N	77 E
7.	14 S	171 W
8.	39 N	126 E
9.	42 N	22 E
10.	36 N	140 E

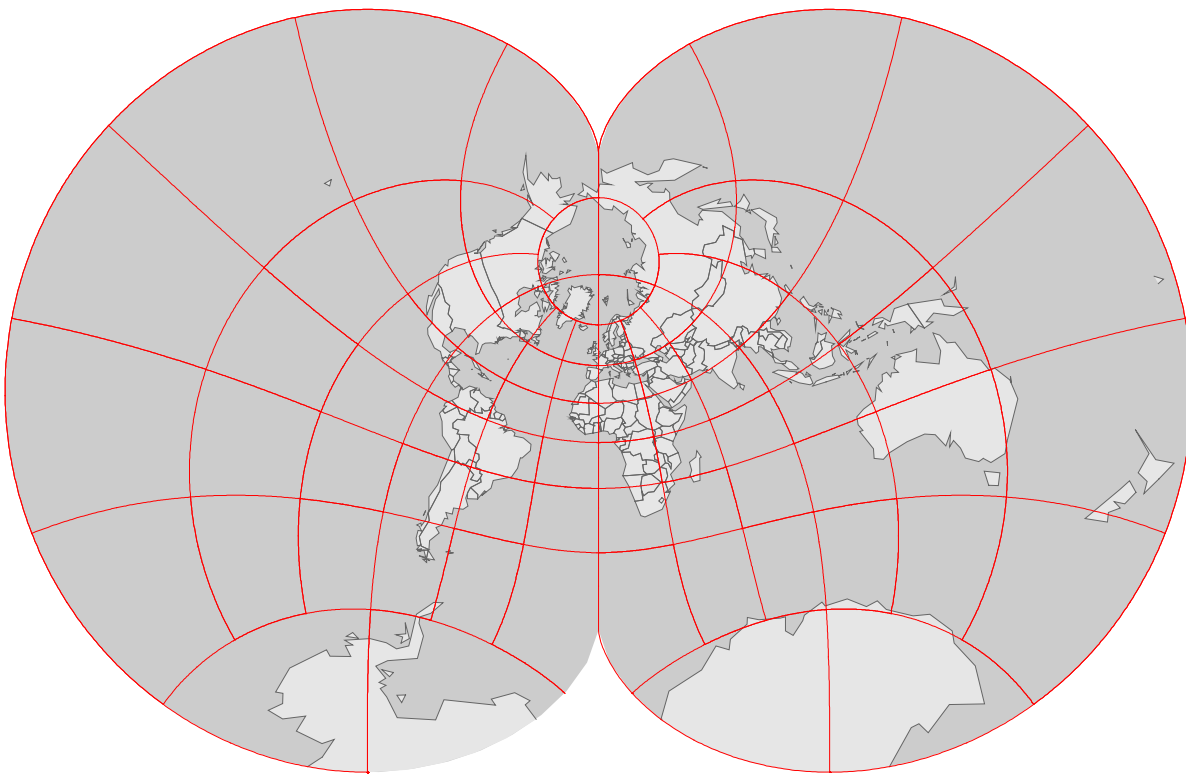


27.

Longitude, Latitude?

On the given map show the following 10 points:

	Latitude	Longitude
1.	43 N	75 E
2.	10 N	67 W
3.	56 N	13 E
4.	12 S	44 W
5.	12 N	15 E
6.	21 S	174 W
7.	35 N	136 E
8.	57 N	24 E
9.	37 N	10 E
10.	12 N	69 W

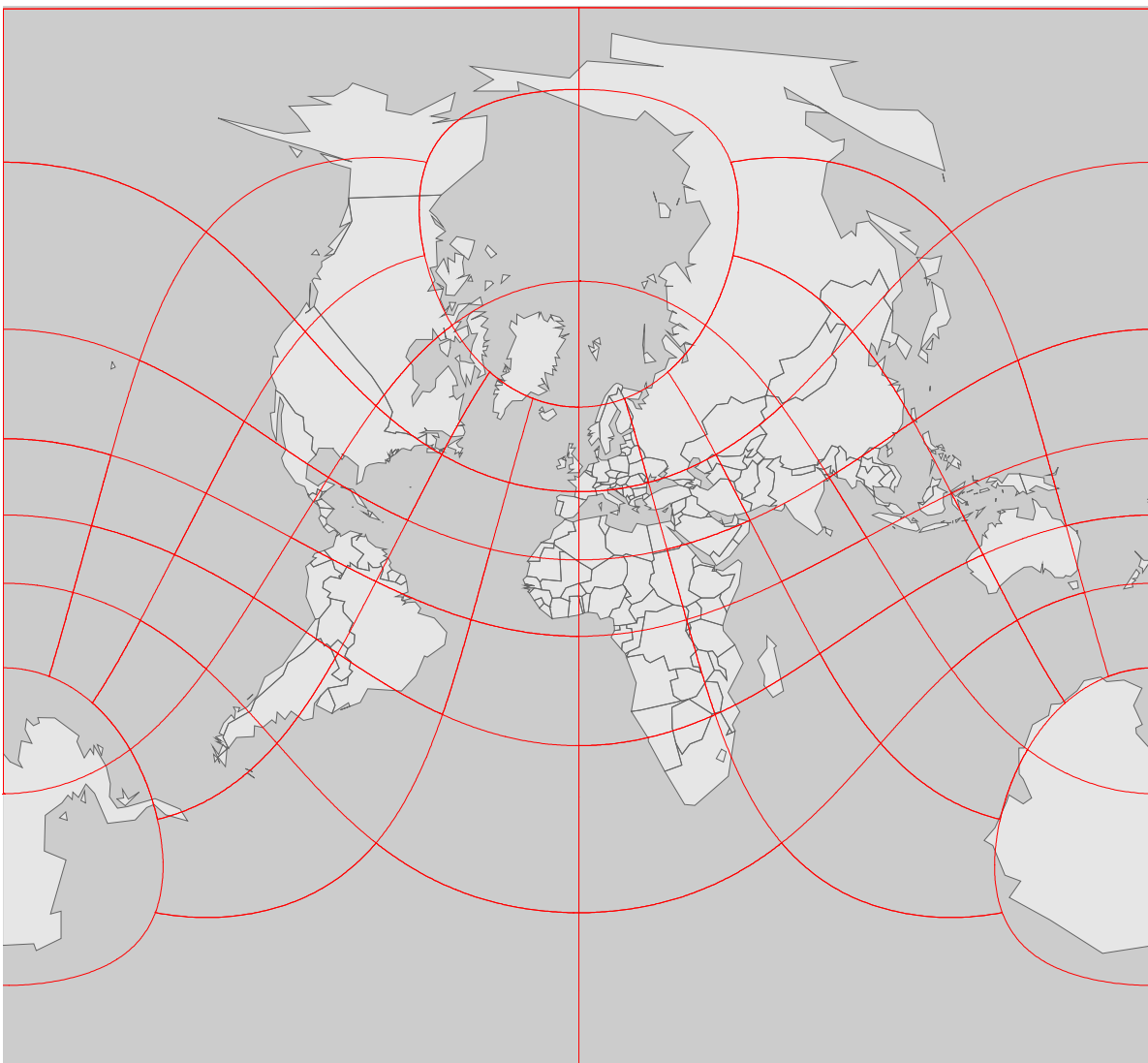


28.

## Longitude, Latitude?

On the given map show the following 10 points:

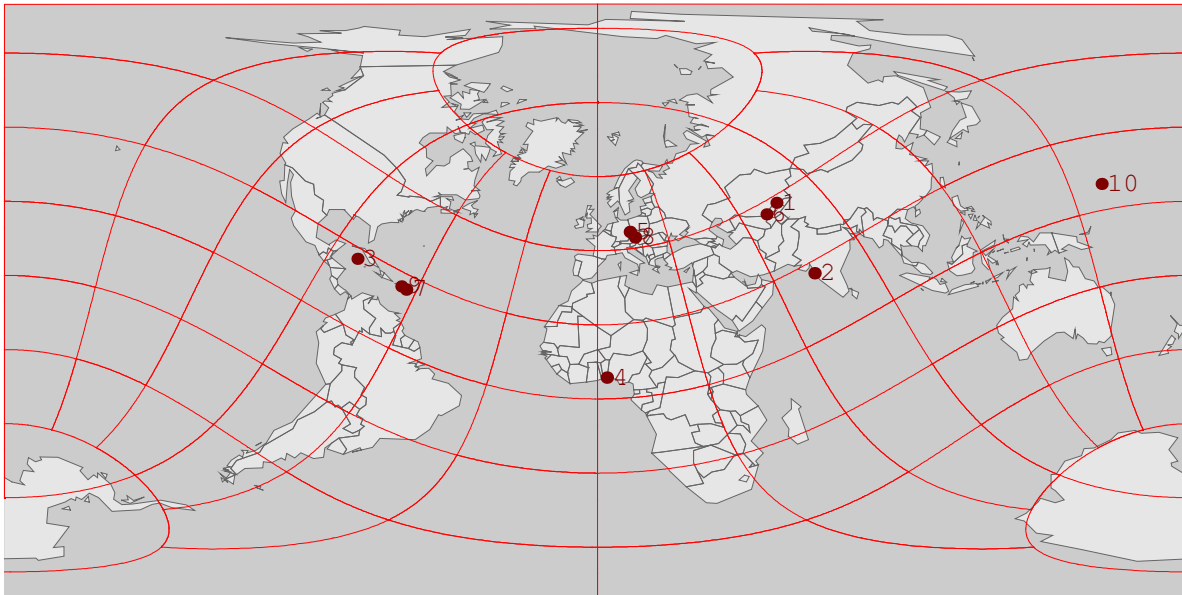
	Latitude	Longitude
1.	6 N	0 W
2.	33 N	44 E
3.	35 S	58 W
4.	32 N	35 E
5.	6 N	11 W
6.	29 N	77 E
7.	32 S	116 E
8.	0 S	78 W
9.	17 N	62 W
10.	14 N	87 W



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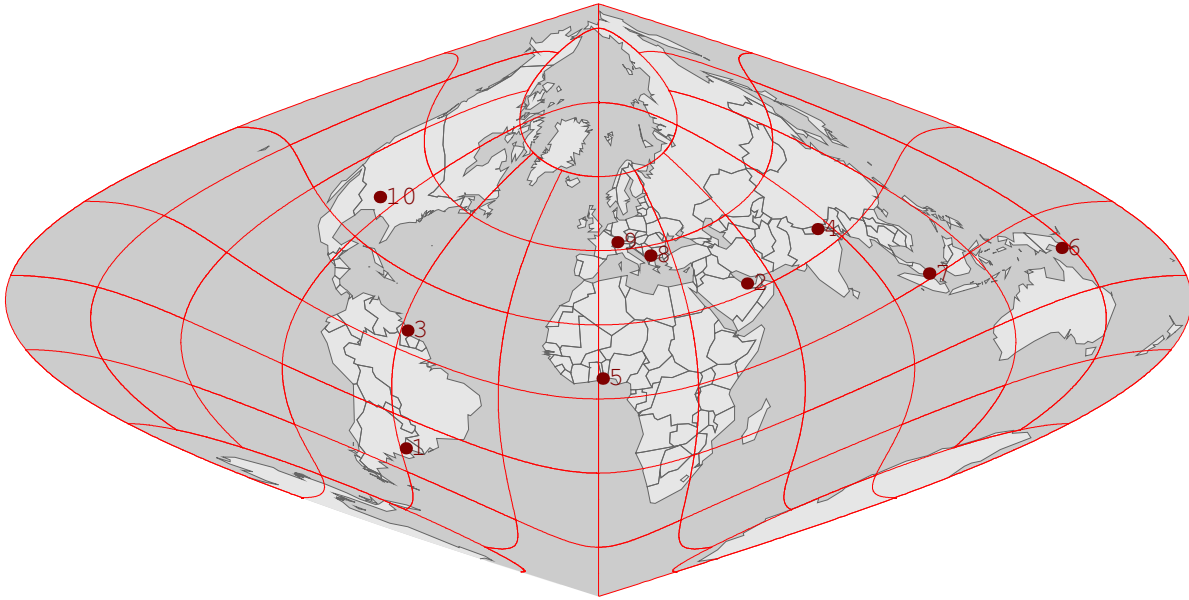
# Solutions

1.

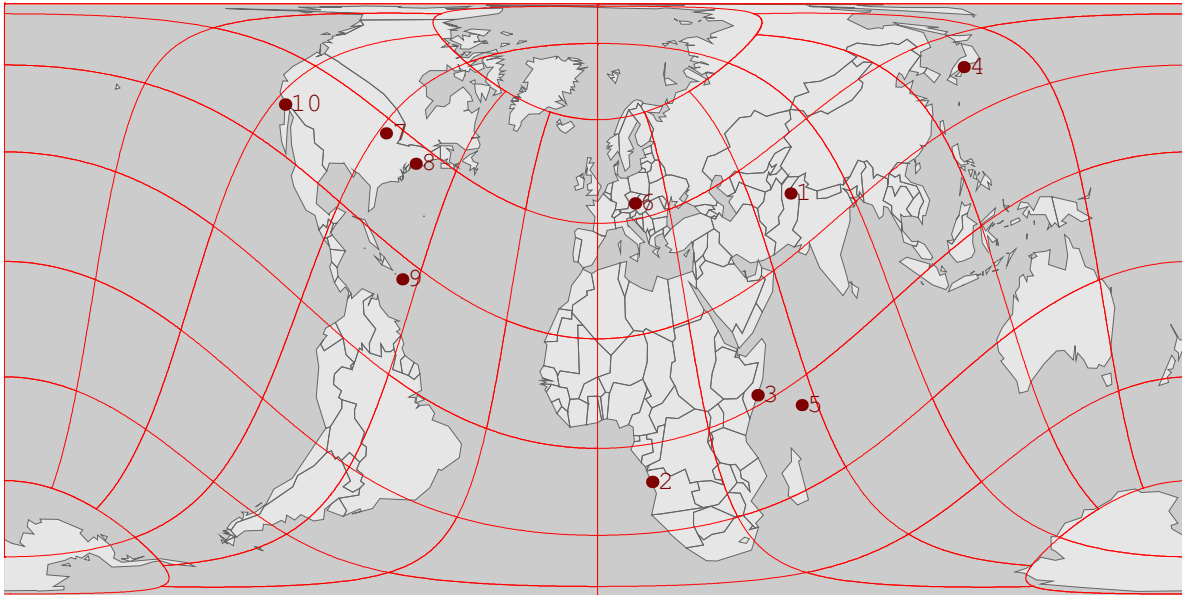




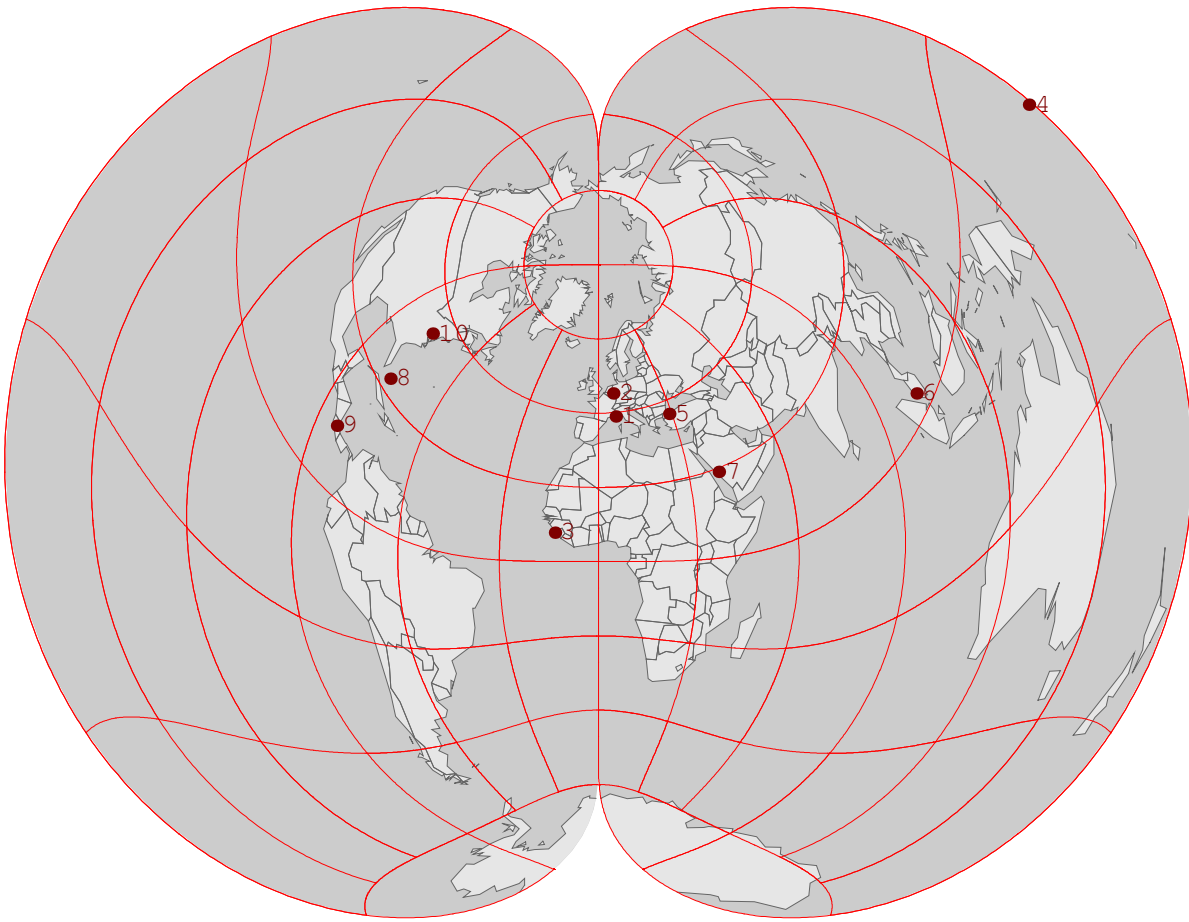
2.



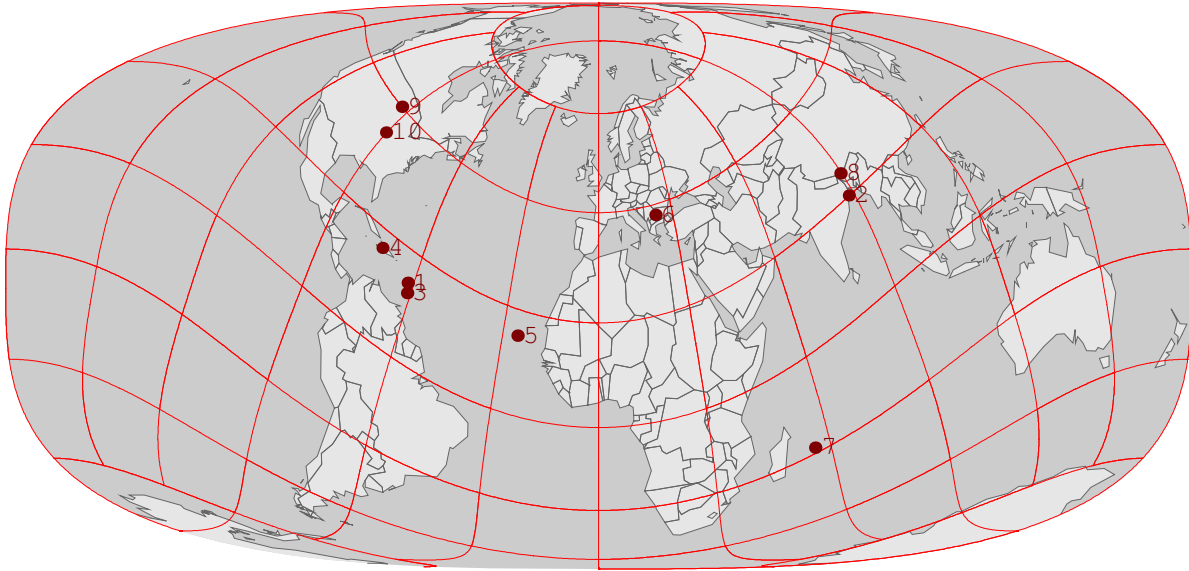
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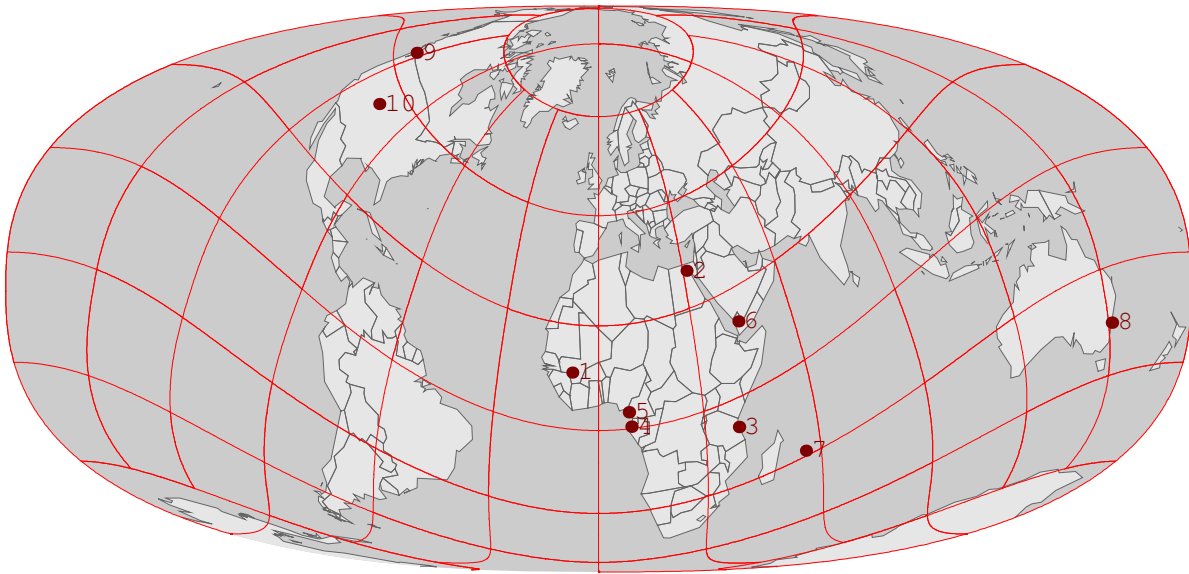
4.



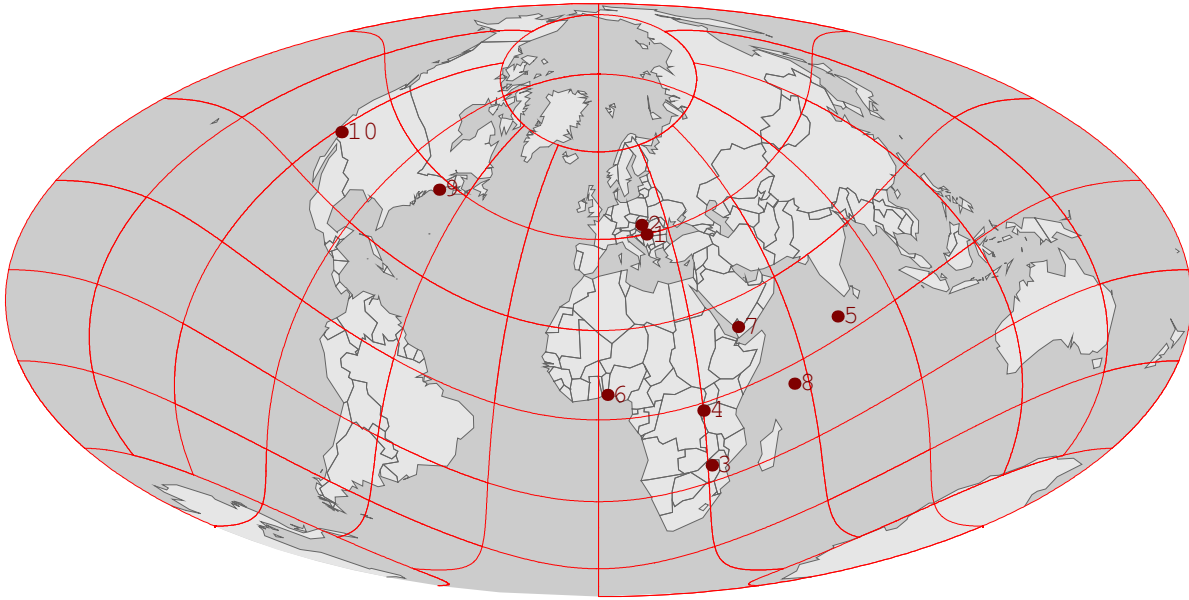
5.



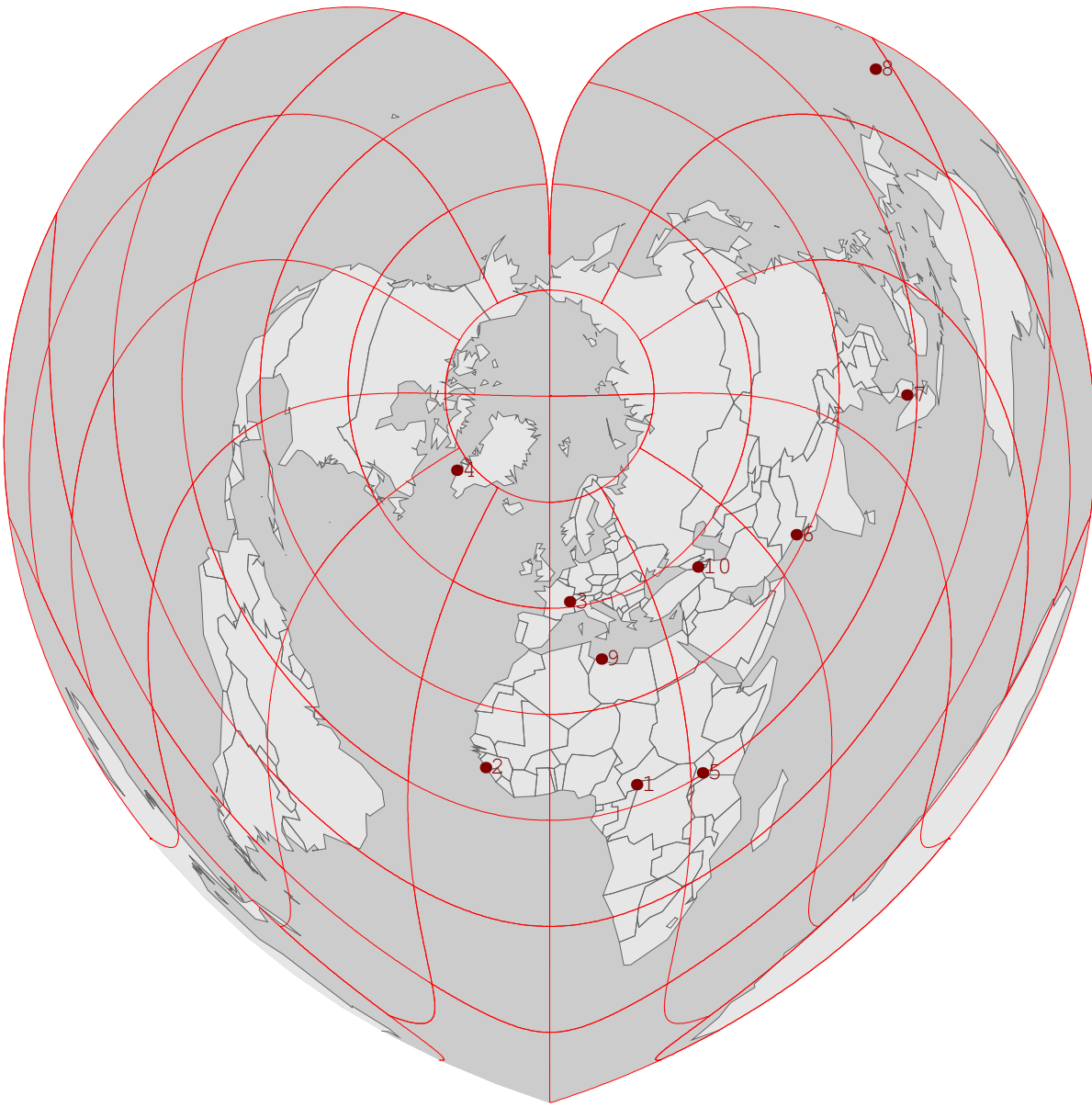
6.



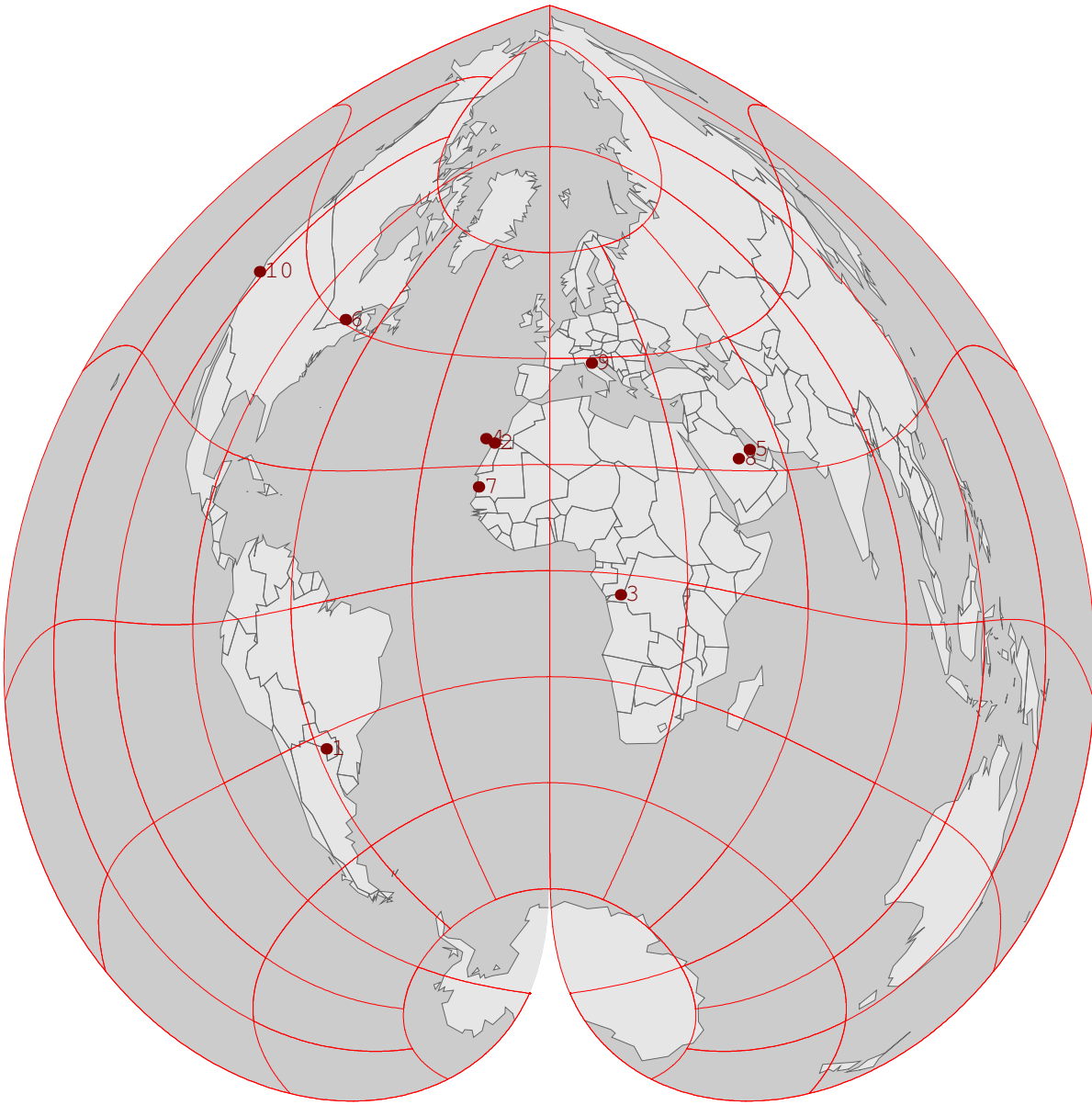
7.



8.

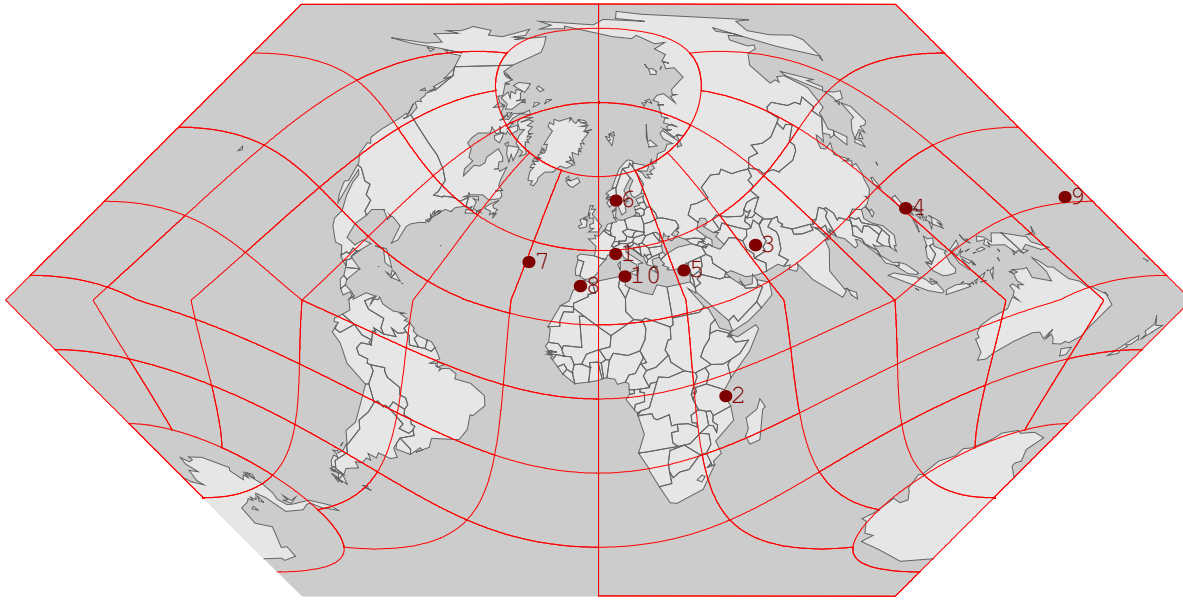


9.

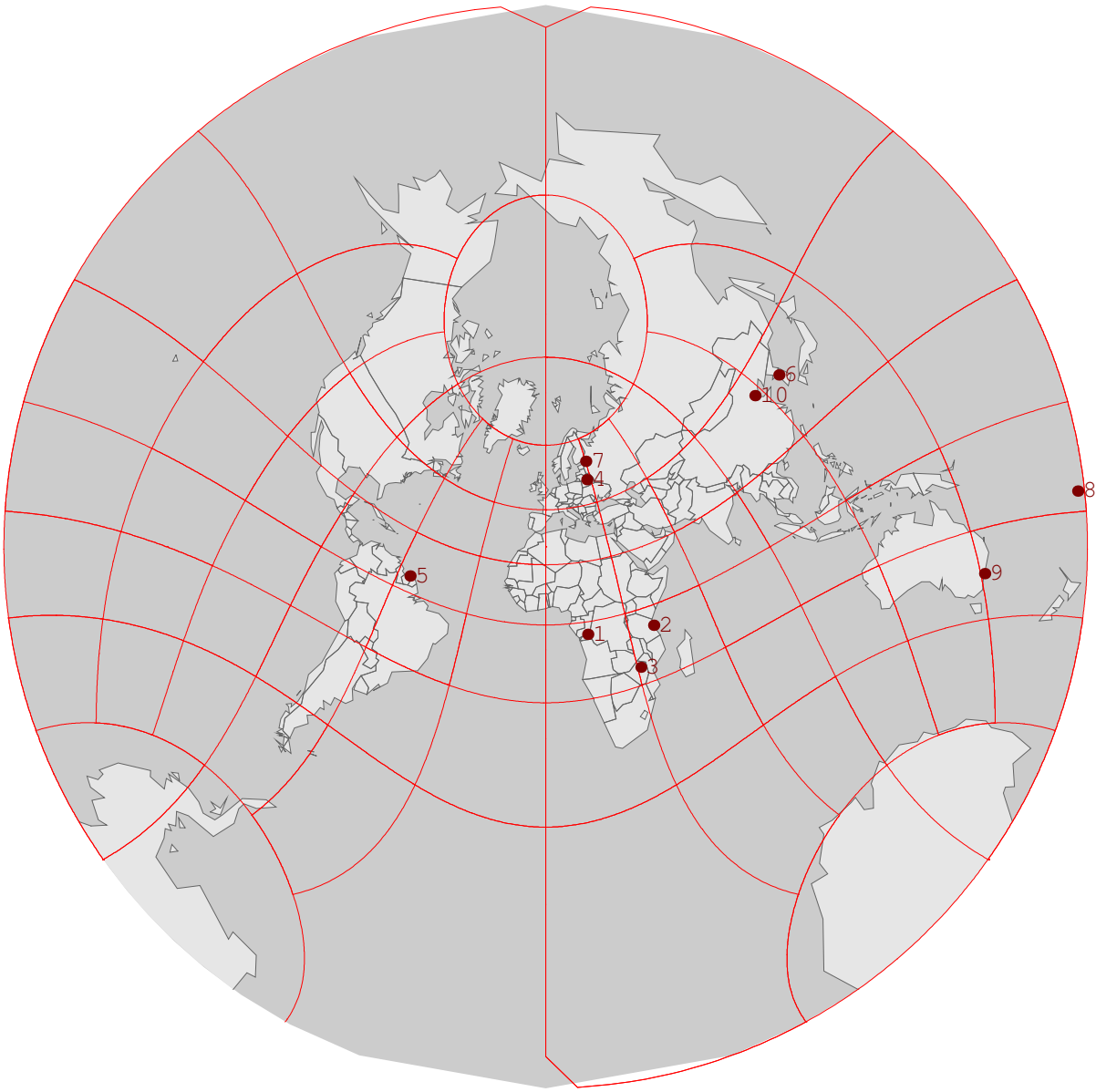




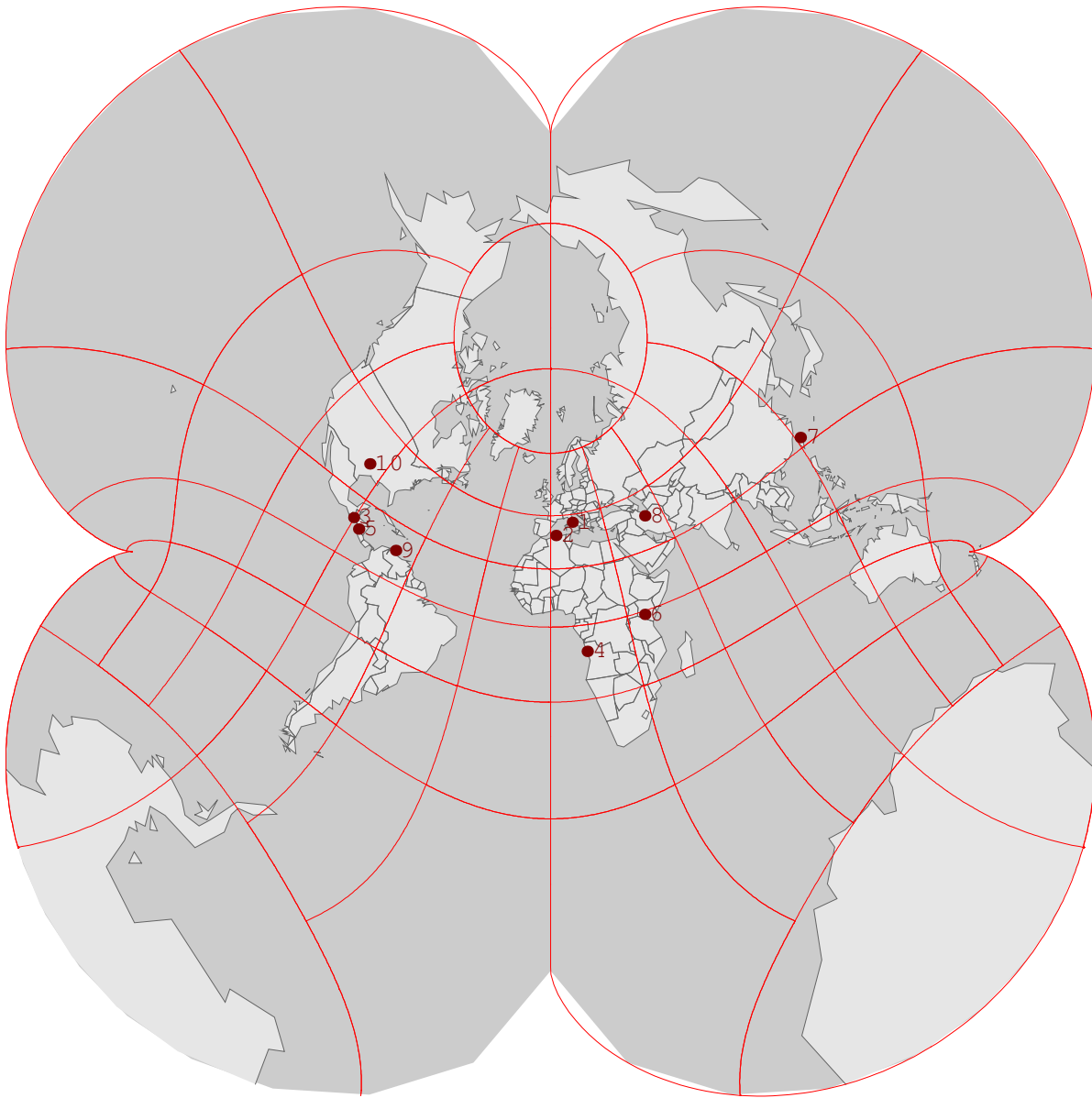
10.



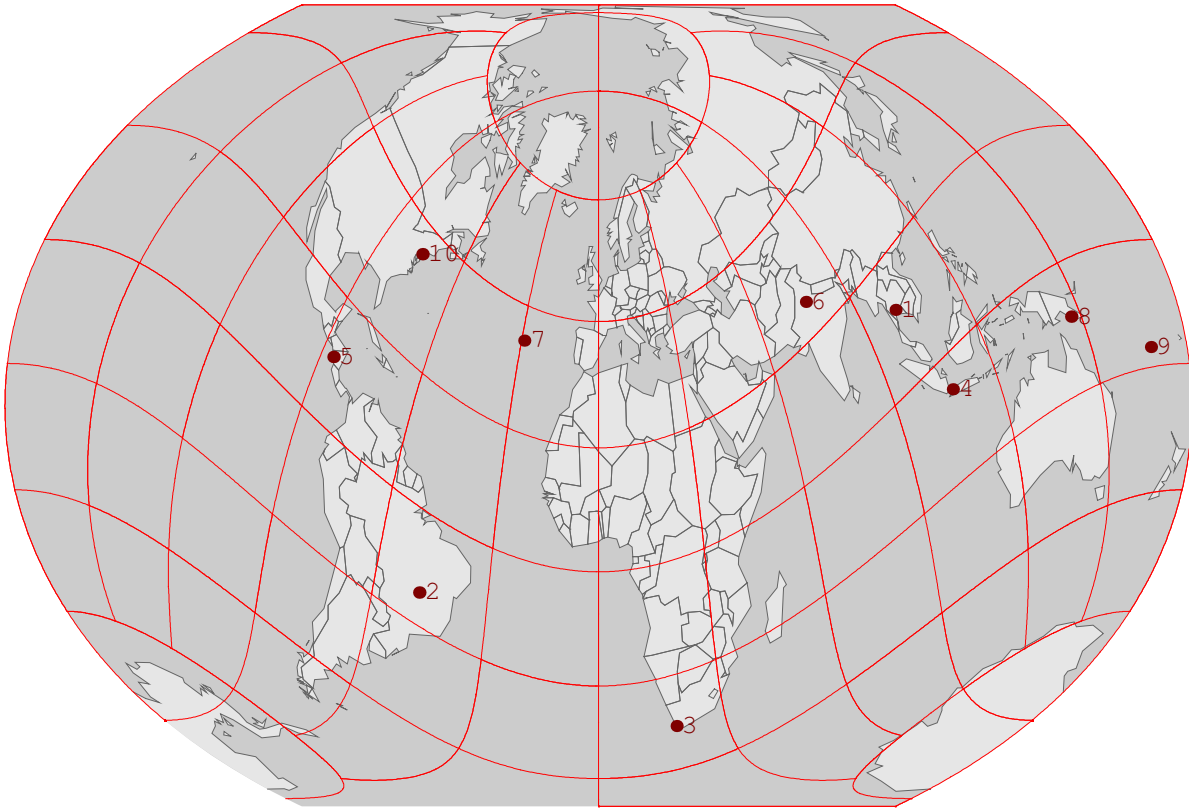
11.



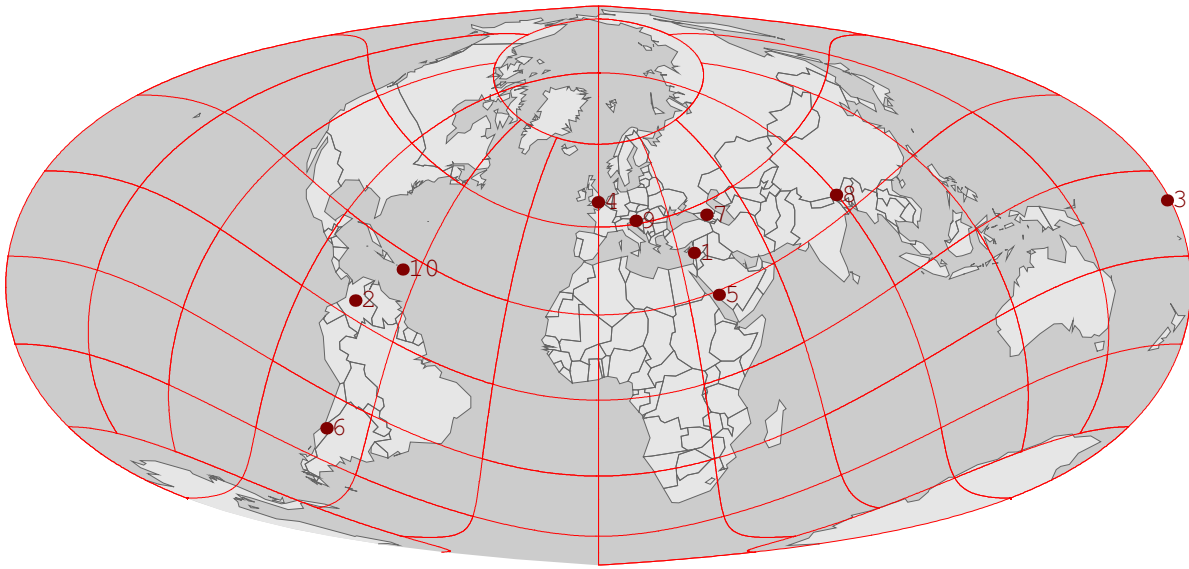
12.



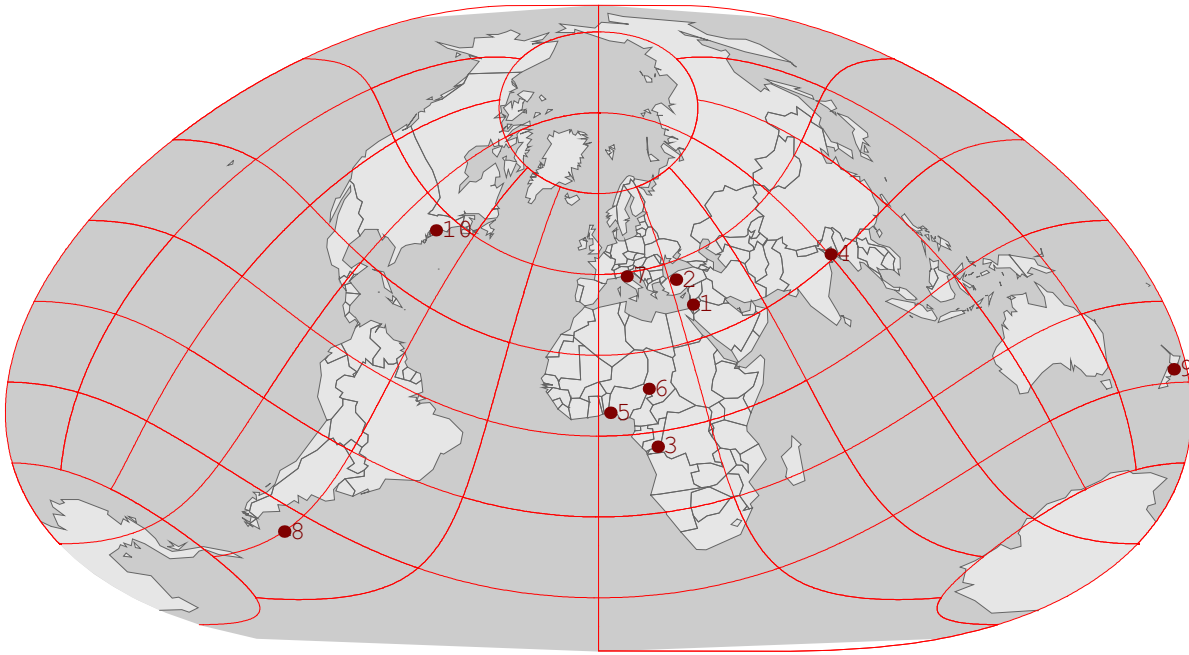
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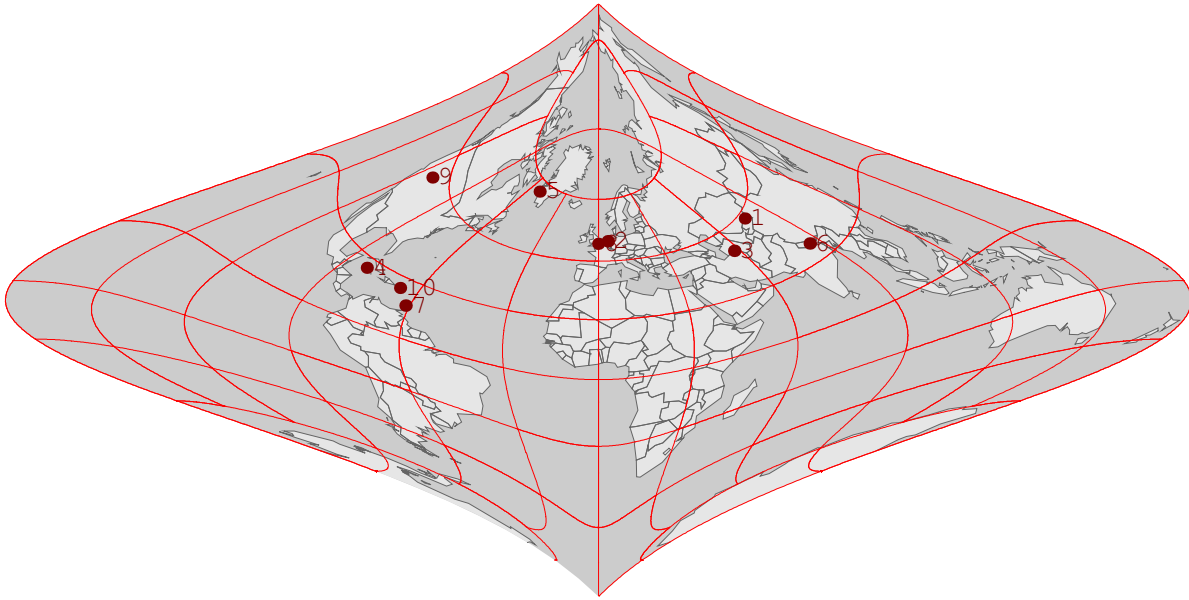
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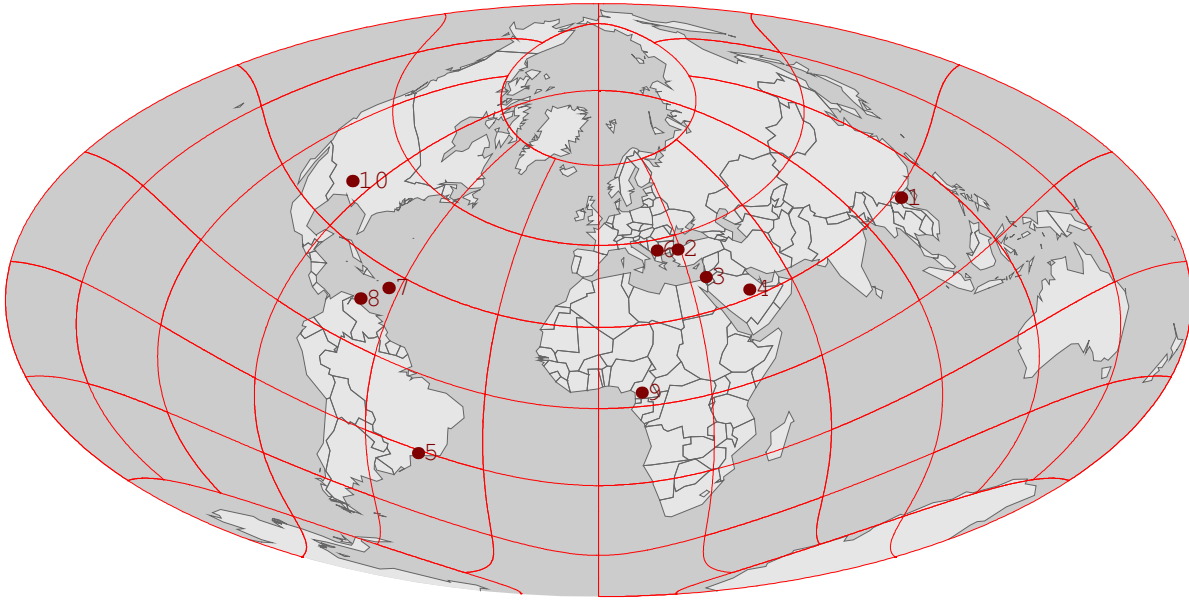
15.



16.

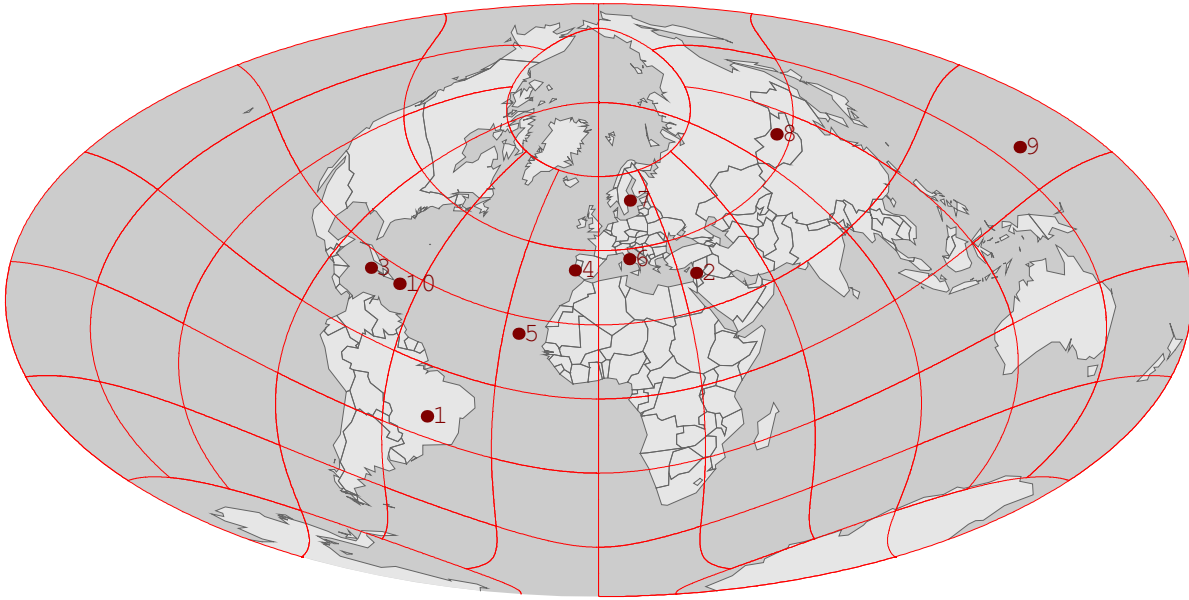


17.

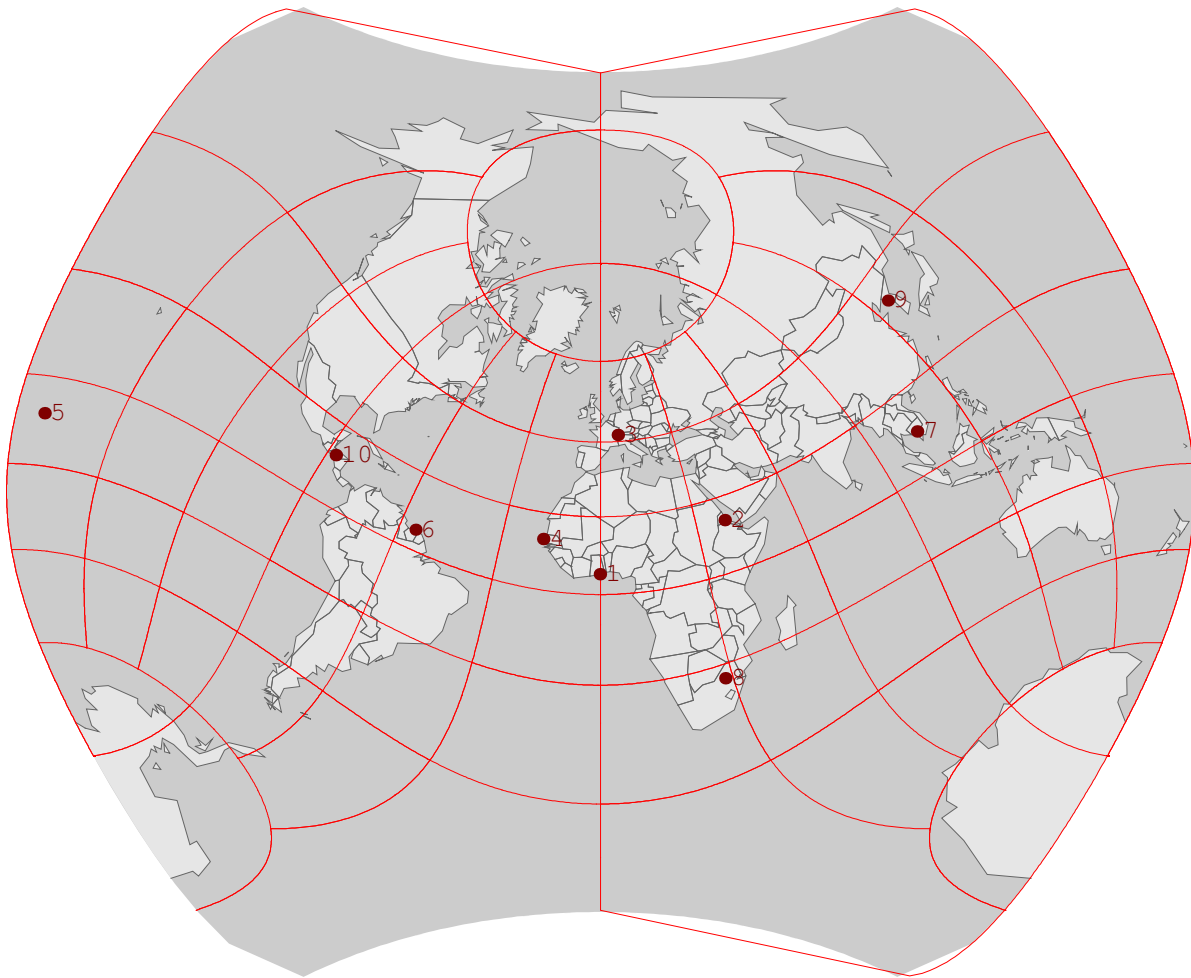




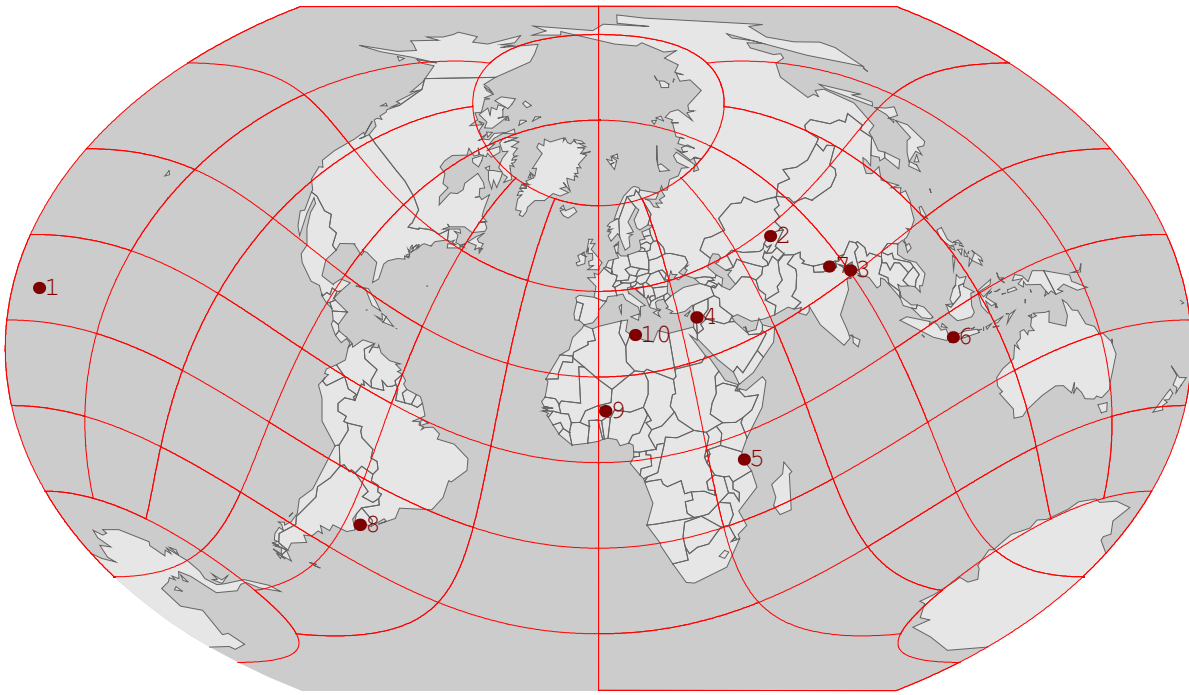
18.



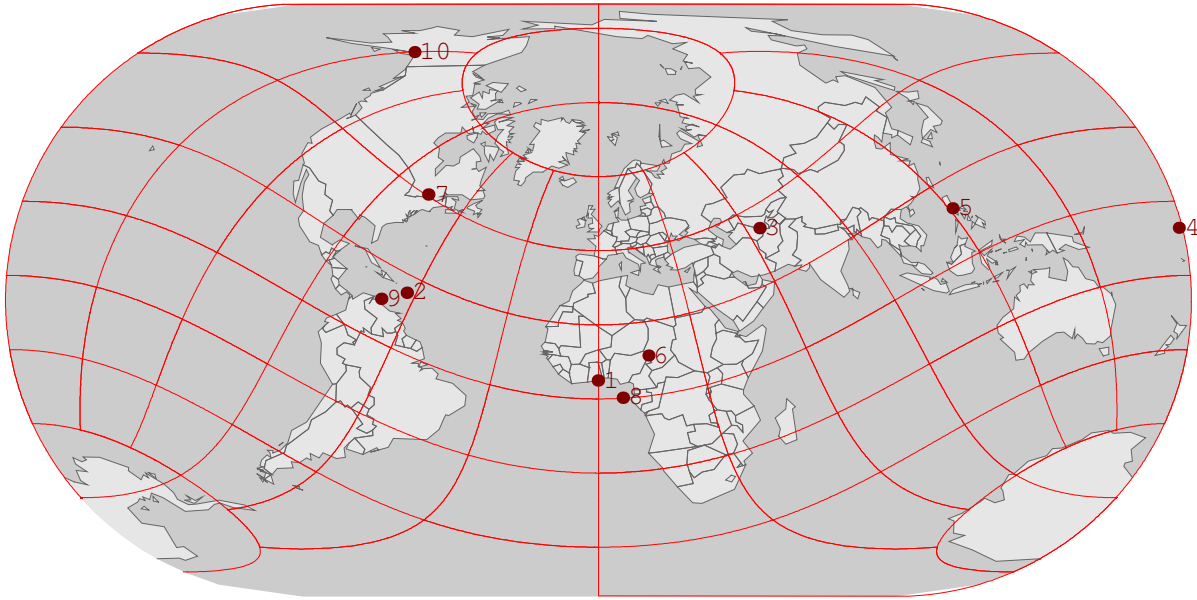
19.



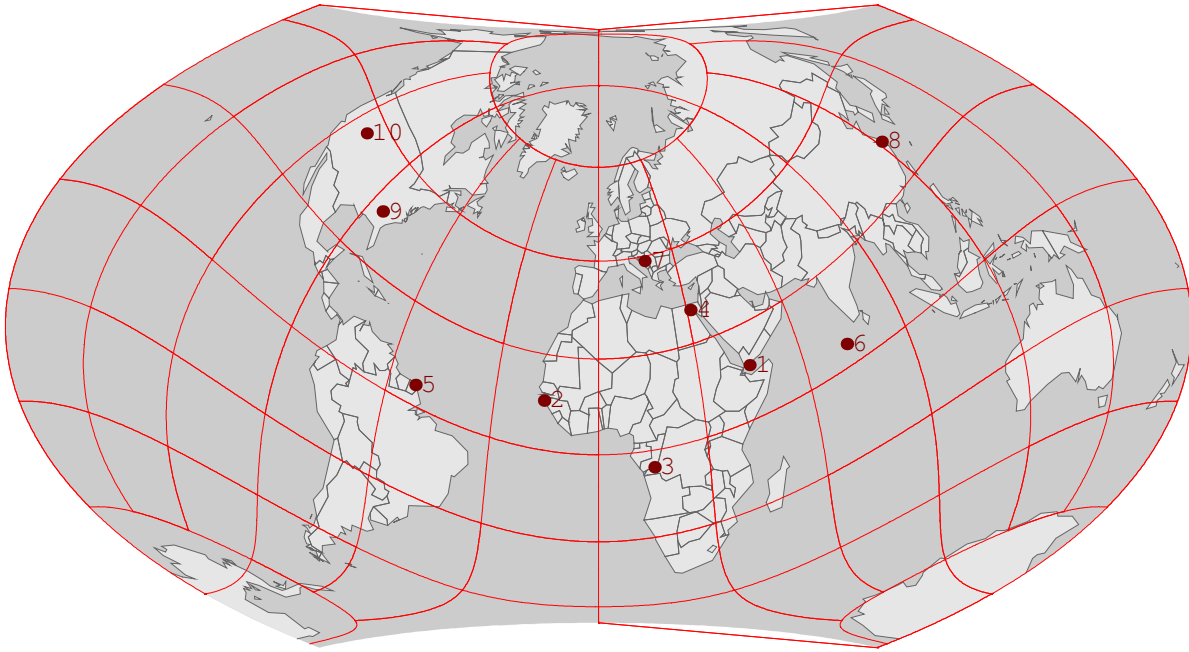
20.



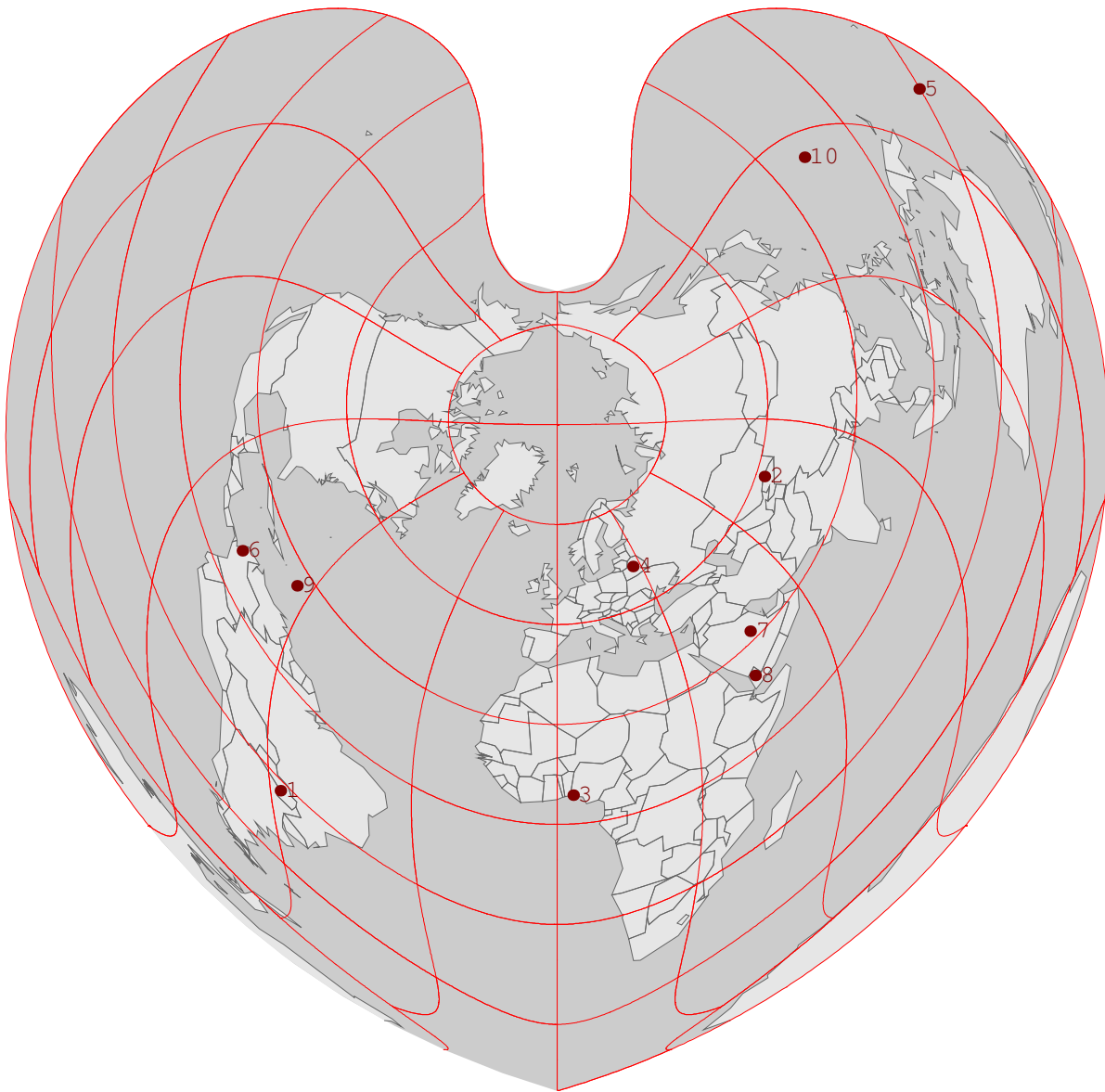
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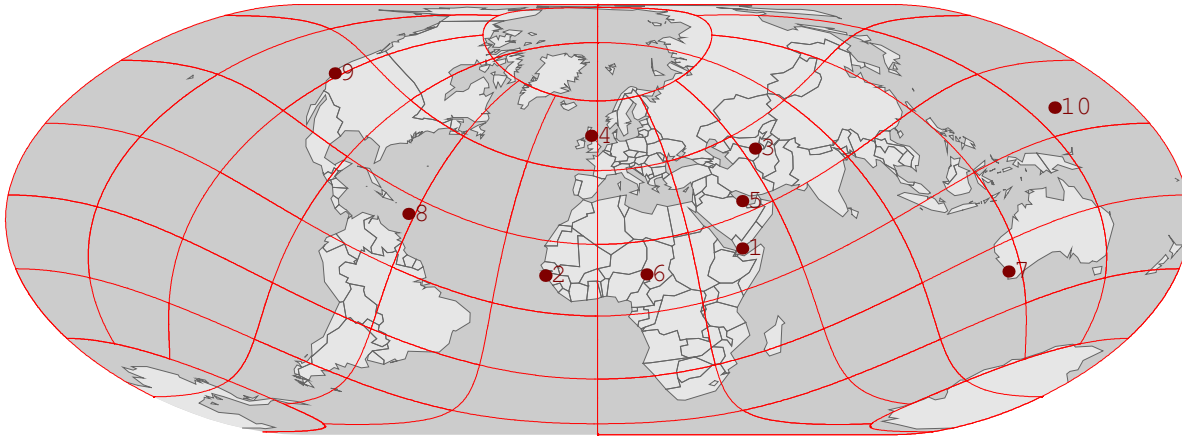
22.



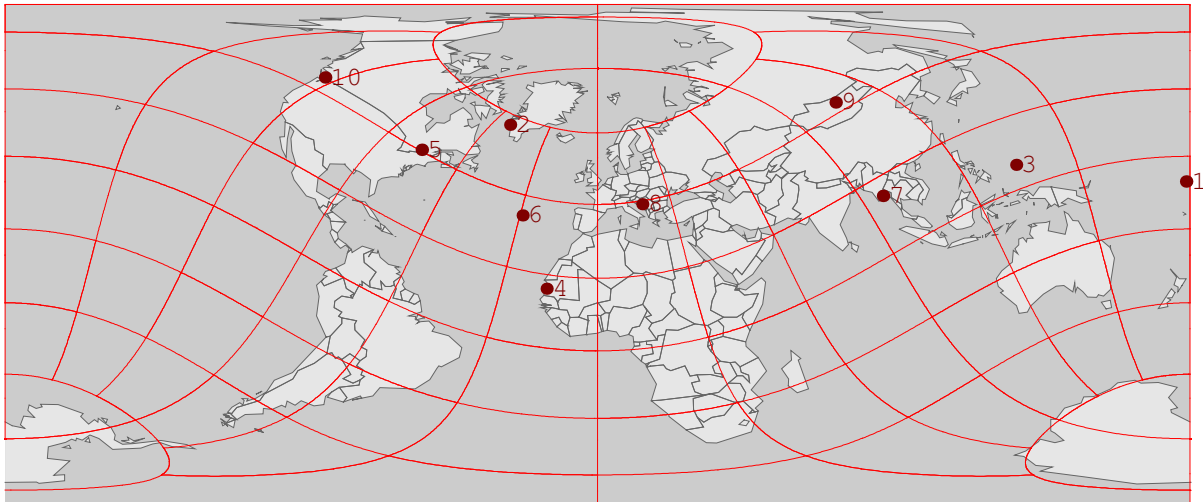
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24.

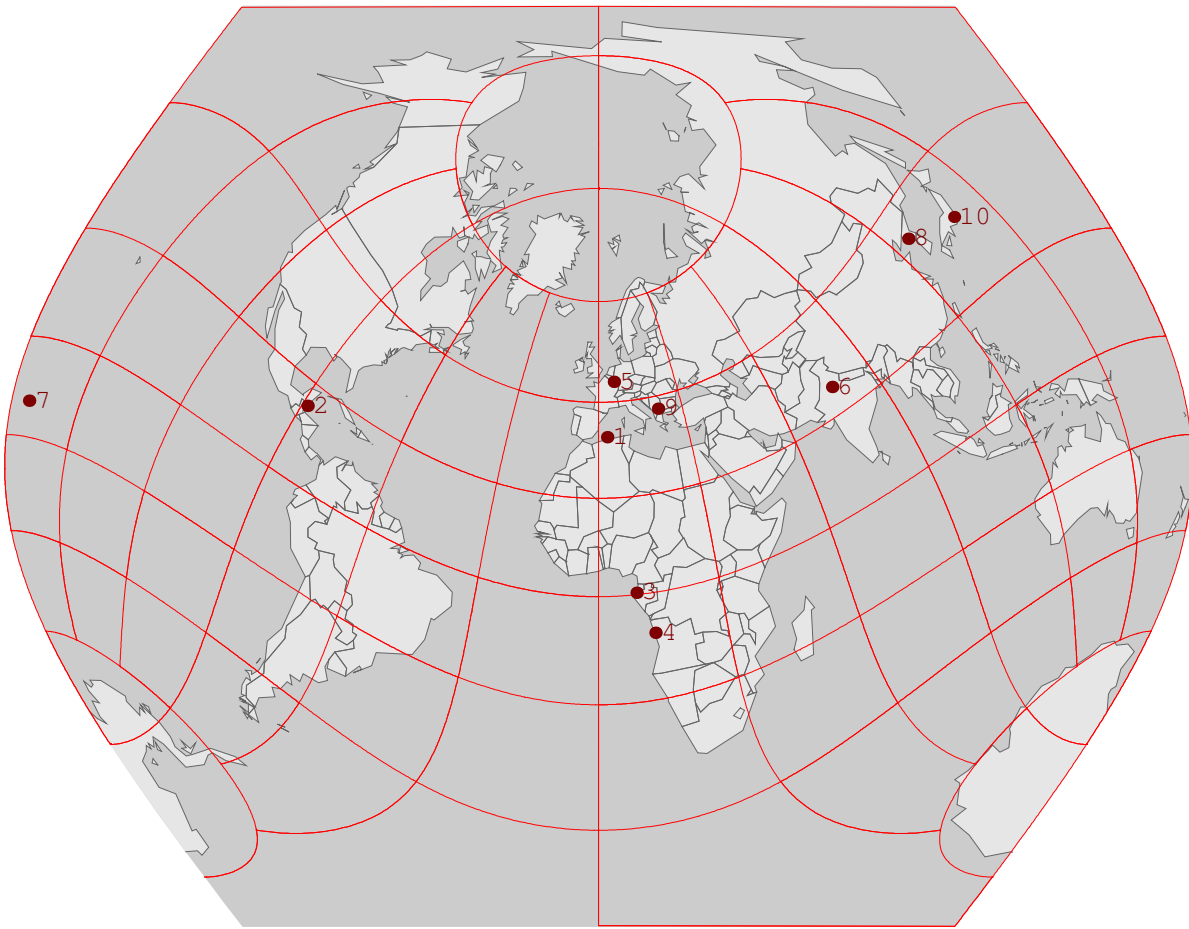


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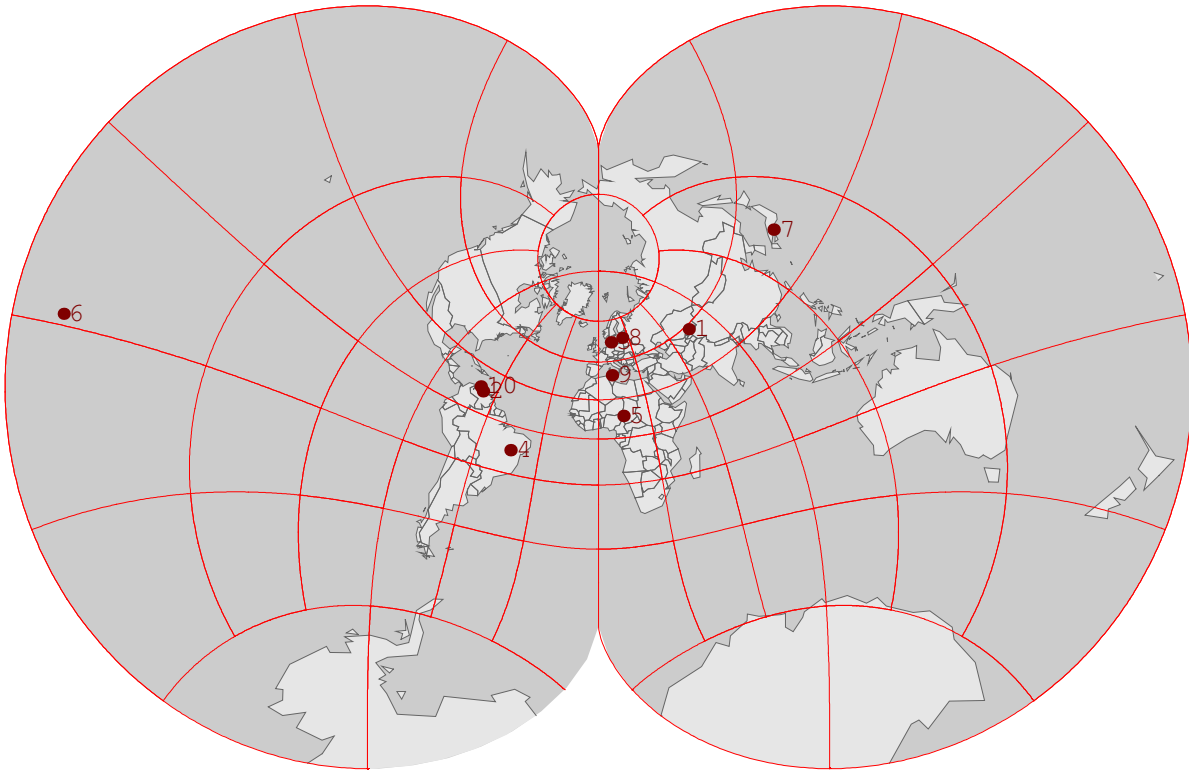




26.



27.



28.

