

YOUR REPORT

Contents

Four movements, from the sky you were born under to the whole map of the Earth

This report moves in four parts. It begins with the sky itself — your birth chart, its planets and houses — then lets the Earth enter the story: the lines your planets draw across the globe, the ground those lines touch, and finally the whole map read at once.

PART ONE

The Native

PART TWO

The Lines of the Earth

PART THREE

The Ground Beneath Them

PART FOUR

The Whole Map

THE NATIVE

NOUS Sample

Birth data and the foundation of the chart

BIRTH DATA

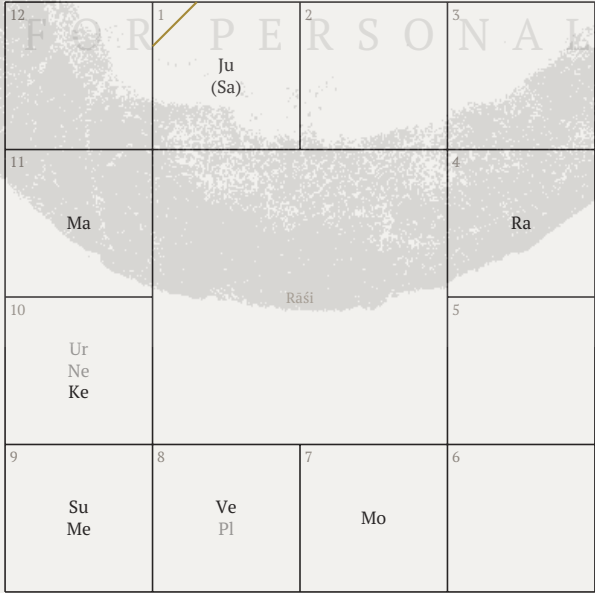
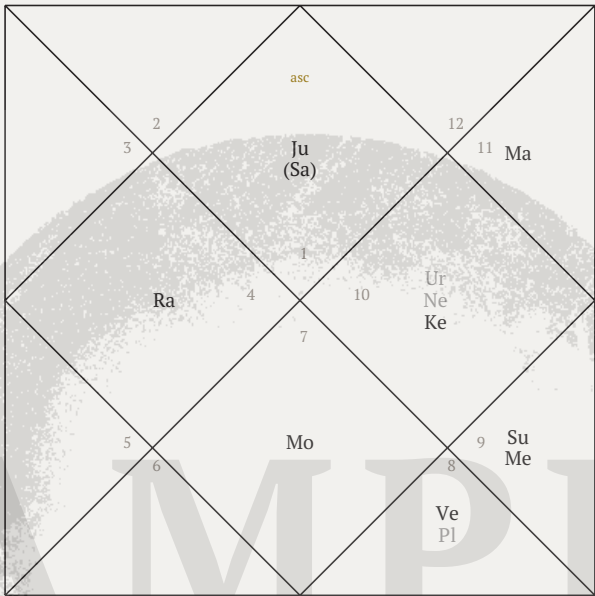
Date of birth	2000-01-01
Time of birth (local)	12:00
UTC offset	UTC+0
Place	Greenwich, United Kingdom
Weekday (vāra)	Shanivara (Saturday) · Shani (also Hanuman, Bhairava)
Day / night	Day birth
Age now	26 years
Ayanāmśa	True Chitra Paksha 23.8571°
Ascendant (lagna)	Aries 00°24'57"
Moon	Libra · Swati

COMPUTED BY ASTRA

Sunrise / sunset	08:06 · 16:01
Latitude / longitude	51.4779° N · 0.0015° W
Planetary hour (horā)	Mercury
Season (ṛtu)	Hemanta · Pre-winter
Julian Day	2451545.00000

The Birth Chart

The rāśi chart, the foundation of the reading, shown in both hands. In the North-Indian diamond the houses are fixed and the signs rotate in from the ascendant (marked *asc*); in the South-Indian square the signs are fixed and the lagna box is corner-marked. Numbers are signs (1 = Aries ... 12 = Pisces); planets sharing a sign sit together.



Planetary Positions

The sidereal longitude of each graha at the moment of birth, with its sign (rāśi), sign-lord, house (bhāva), nakṣatra and pāda, and its dignity. Retrograde bodies are marked; the three outer planets (Uranus, Neptune, Pluto) are shown faintly as they fall outside the classical seven.

GRAHA	SIDEREAL	RASHI	LORD	BH.	NAKSHATRA	PADA	DIGNITY
Lagna	00°24'57"	♈ Aries	Mars	1	Ashwini	1	—
☉ Sun	16°30'39"	♐ Sagittarius	Jupiter	9	Purva Ashadha	1	NEUTRAL
☾ Moon	19°27'28"	♎ Libra	Venus	7	Swati	4	FRIEND
☿ Mercury	08°01'51"	♐ Sagittarius	Jupiter	9	Moola	3	ENEMY
♀ Venus	07°42'28"	♏ Scorpio	Mars	8	Anuradha	2	FRIEND
♂ Mars	04°06'20"	♒ Aquarius	Saturn	11	Dhanishtha	4	NEUTRAL
♃ Jupiter	01°23'45"	♈ Aries	Mars	1	Ashwini	1	GREAT FRIEND
♄ Saturn	16°32'18"	♈ Aries	Mars	1	Bharani	1	DEBILITATED
♌ Rahu	11°11'14"	♋ Cancer	Moon	4	Pushya	2	NEUTRAL
♍ Ketu	11°11'14"	♑ Capricorn	Saturn	10	Shravana	—	NEUTRAL
♅ Uranus	20°57'07"	♑ Capricorn	Saturn	10	Shravana	4	OUTER
♆ Neptune	09°20'09"	♑ Capricorn	Saturn	10	Uttara Ashadha	1	OUTER
♇ Pluto	17°35'51"	♏ Scorpio	Mars	8	Jyeshtha	1	OUTER

The same sky, read in the tropical zodiac

For readers who know the Western zodiac: these are the same ten grahas at the same moment, measured against the season-anchored tropical signs rather than the sidereal ones. The two readings differ only by the ayanāṃśa noted earlier. Offered quietly, for orientation — the reading itself stays sidereal throughout.

GRAHA	TROPICAL (WESTERN) SIGN	DEGREE
Lagna	Aries	24°16'22"
Sun	Capricorn	10°22'05"
Moon	Scorpio	13°18'53"
Mercury	Capricorn	01°53'17"
Venus	Sagittarius	01°33'53"
Mars	Aquarius	27°57'45"
Jupiter	Aries	25°15'10"
Saturn	Taurus	10°23'44"
Uranus	Aquarius	14°48'32"
Neptune	Aquarius	03°11'34"
Pluto	Sagittarius	11°27'17"

PART TWO · THE LINES OF THE EARTH

How to Read These Lines

The four angles, what each planet brings, and how to use the map that follows

Now the Earth enters. Every planet that stood on an angle at the moment of your birth was overhead one meridian of the globe at that instant, and from that single fact four lines are drawn across the whole Earth. What follows is those lines — the world map they make, the ones that pass nearest your home, and the compass directions they set out from where you stand. Before the map, here is how to read it.

What the map shows

The world map that follows is overlaid with a web of coloured lines. Each line belongs to one planet and marks the places on Earth where that planet was **angular** at the exact moment of your birth — sitting on one of the four most powerful points of the sky: the eastern horizon where bodies rise, the western horizon where they set, the highest point overhead, or the lowest point beneath your feet. The idea is **relocation**: to stand on a planet's line is to say “if you had been born here — or if you move here or spend real time here — that planet would sit on that angle in your chart.” Its energy, quiet in your birthplace, becomes strongly activated there. Because the whole sky turns once a day, these lines depend on the exact minute you were born: the same date an hour later would slide every line a thousand miles east or west, which is why an accurate birth time matters more here than almost anywhere else in astrology.

The four kinds of line

Every planet draws up to four lines, and the angle matters as much as the planet. The **MC line** (Midheaven, overhead) is public life, career and reputation — how the world sees you. The **IC line** (Imum Coeli, underfoot) is home, roots and inner life. The **Ascendant line** (rising, on the eastern horizon) is identity, body and how you personally embody the planet. The **Descendant line** (setting, on the western horizon) is relationships — the planet arrives through partners and close others. The overhead and underfoot lines run nearly straight, north to south; the two horizon lines arc as gentle curves. Standing on a line gives its fullest expression, and standing near it still counts — conventionally within about one degree of longitude (roughly 70 miles, or 110 km), the effect tapering with distance rather than stopping at a hard edge. With up to ten planets each drawing as many as four lines, a full map can carry around forty in all — so expect them to cluster, and read the boldest and nearest lines first.

The four angles at a glance

LINE	WHERE IT SITS	WHAT IT GOVERNS
MC — Midheaven	Highest point, overhead	Career, reputation and public life — how the world sees you
IC — Imum Coeli	Lowest point, underfoot	Home, roots, family and the private inner life
AC — Ascendant	Eastern horizon, rising	Identity and body — how you personally embody the planet
DC — Descendant	Western horizon, setting	Relationships — the planet arrives through partners and close others

What each planet brings

The **Sun** brings vitality, confidence and visibility; the **Moon**, emotion, home and belonging. **Mercury** sharpens thought, communication and commerce; **Venus** brings love, beauty and ease; **Mars** raises drive and courage, but also friction and haste. **Jupiter** is expansion, opportunity and good fortune — among the most favourable lines to live on; **Saturn** brings discipline and hard-won achievement, but also weight and restriction. The outer planets carry more collective tones: **Uranus** change and disruption, **Neptune** imagination and inspiration but also confusion, **Pluto** intensity, power and transformation. The same planet reads differently on each of the four angles, so read the pairing rather than the planet alone: Venus overhead can bring public warmth and acclaim, while Venus underfoot sweetens the home you make there; Mars rising sharpens the body and the will, while Mars setting tends to draw passionate or combative partners. Weigh, too, how a planet sits in your own birth chart — a strong, well-supported planet gives its best when you travel to its line, while a stressed one tends to carry its difficulty along with it.

Where lines meet

Lines rarely act alone. Where two planets' lines **cross** near a place, their meanings blend — Venus with Jupiter suggests abundant good fortune in love; Mars with Saturn, hard and effortful struggle. Places where several lines converge are **hot zones**, intensely activated ground where much is likely to happen, for better and worse. A **paran** is a horizontal line of latitude formed where two planets are angular at the same instant; because it runs east to west, it can carry a planet's influence along a whole band of latitude — even to places no vertical line passes through. Proximity is everything: the closer you stand to a crossing, the more concentrated its effect, and a place sitting on a knot of several lines is charged in several ways at once — rich ground, but rarely simple. When you find such a convergence near a place that matters to you, read every planet in the knot together, the easy and the difficult alike, rather than seizing on the one you hoped to see.

How to use it

Begin where you already live: find your home and note which lines pass nearby — they describe forces already at work in your life. Then explore the places that draw you, or where you have felt notably different, and see which planet and which angle govern them. Seek the benefics (Jupiter, Venus, a well-placed Sun or Moon) for ease and support; read Saturn, Mars and the outer lines as ground that asks for effort, growth and care. No line is purely good or bad — every planet has a constructive and a difficult face, and your own chart shapes how each one actually feels. In practice the strength of a line follows how much of yourself you bring to a place: living there activates it fully, a long stay strongly, a short visit more lightly, and even passing through leaves a trace. Test the map against your own past — recall the places where you felt unusually alive, creative, burdened or at home, and see which planet and angle governed them; the agreement is often striking, and it teaches you to read the rest of the map in your own terms.

One honest caveat

Astrocartography is a symbolic, interpretive art, not a deterministic forecast. It is sensitive to an accurate birth time — even a few minutes' error shifts the angular lines noticeably — and living on a line intensifies a planet's themes without guaranteeing specific events; you remain the agent of your own life. Read the map as a thoughtful guide to the quality of your relationship with a place, not a promise about your fate there. A single line is never the whole story: circumstance, timing and the company you keep all shape how a place actually treats you, and two lines can pull in opposite directions over the same ground. Hold the map lightly, weigh several lines together, and let your own lived experience be the final authority.

Reading your map, step by step

1. **Start at home.** Find where you live on the map and note which lines run nearby — they name the forces already shaping your life.
2. **Name the planet and the angle.** For each line that draws you, use the colour key to find its planet, then read it on its angle — MC, IC, AC or DC — from the table above.
3. **Look for the benefics.** Seek Jupiter, Venus and a well-placed Sun or Moon for ease and support; read Saturn, Mars and the outer lines as ground that asks for effort and care.
4. **Watch the crossings.** Where two lines meet, blend their meanings; where several converge, expect an intensely charged place — read every planet in the knot, not just the one you hoped for.
5. **Weigh how much you bring.** Living on a line activates it fully, a long stay strongly, a visit more lightly — match the place to how deeply you mean to engage it.
6. **Test it against your life.** Recall places you have felt unusually alive, creative, burdened or at home, and see which line governed them; let that agreement teach you to trust the rest of the map.

The Colour of Each Line

Every line on the world map that follows is painted in the colour of the planet that draws it. Use this key to tell them apart: find a line's colour here to know whose line it is.



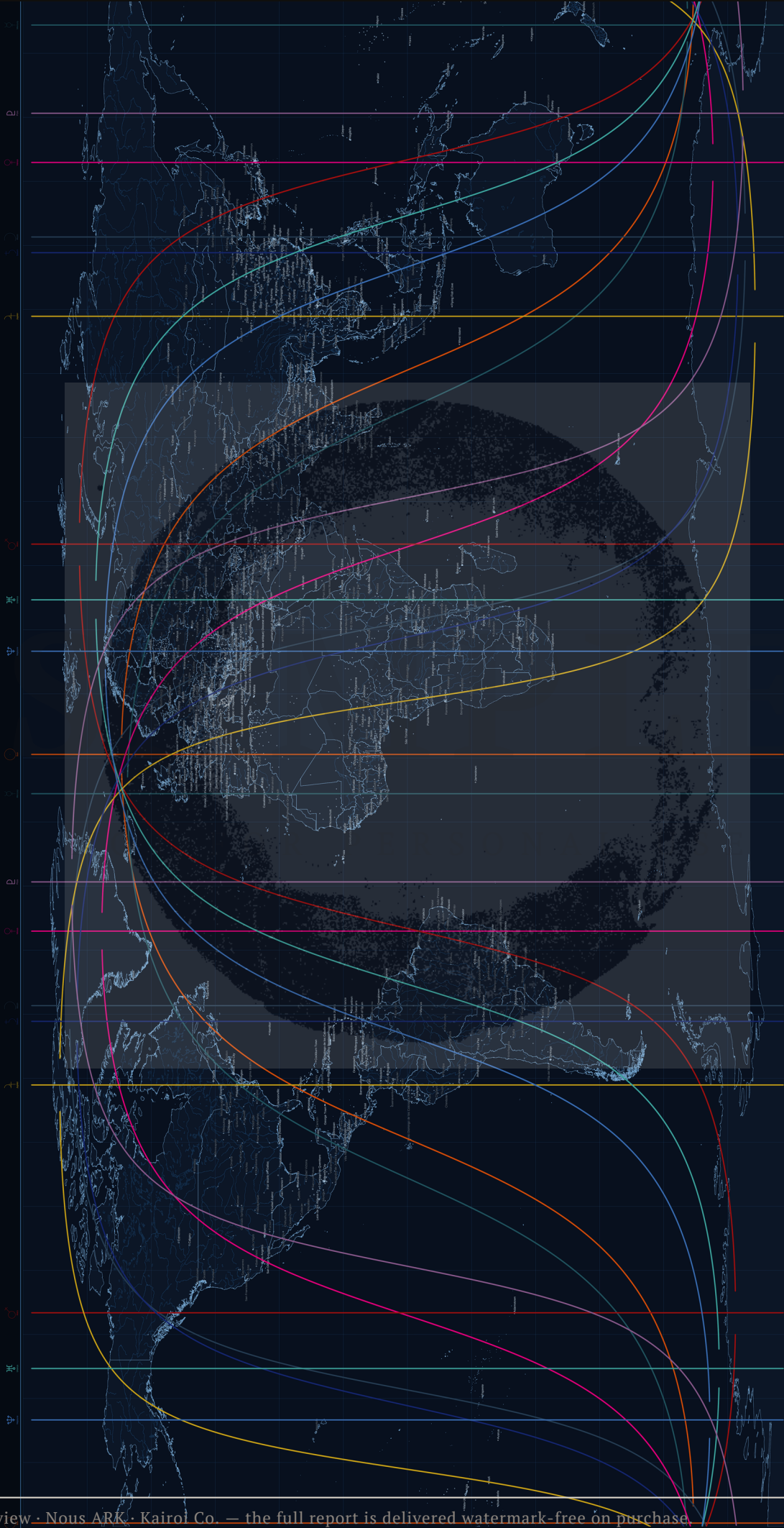
Moment used: 2000-01-01 12:00 UT · signs labelled in the tropical zodiac · line geometry is identical in either zodiac.

Your World Blueprint

Every planet that stood on an angle at your birth drew its lines across the whole Earth. Here they are, all at once, over one map of the world — the overview of where your sky meets the ground.

SAMPLE

NOT FOR PERSONAL USE



SPECIAL PLACES

Power Places Near Home

*The planetary lines that pass closest to Greenwich West, United Kingdom —
your nearest fields of influence on the ground*

PLANET	ANGLE	SIGN	DISTANCE	CROSSING NEAR
Sun	MC	Cap 10°22'05.37"	56.7 km east	Merryman's Hill, United Kingdom
Jupiter	AC	Ari 25°15'10.98"	164.9 km rising	Aldeburgh, United Kingdom
Mercury	MC	Cap 01°53'17.23"	579.5 km west	Minane Bridge, Ireland
Saturn	AC	Tau 10°23'44.41"	749.2 km rising	Birkenmoor, Germany
Moon	DC	Sco 13°18'53.50"	1127.3 km setting	Tångalund, Sweden
Venus	DC	Sag 01°33'53.59"	1290.6 km setting	Brevik, Sweden
Mars	AC	Aqu 27°57'45.80"	1353.7 km rising	St. Kilda Village, United Kingdom

Local Space — Directions From Home

Standing at home, the compass bearing and height of each planet at your birth. Walk or travel along a bearing to move under that planet's direction.

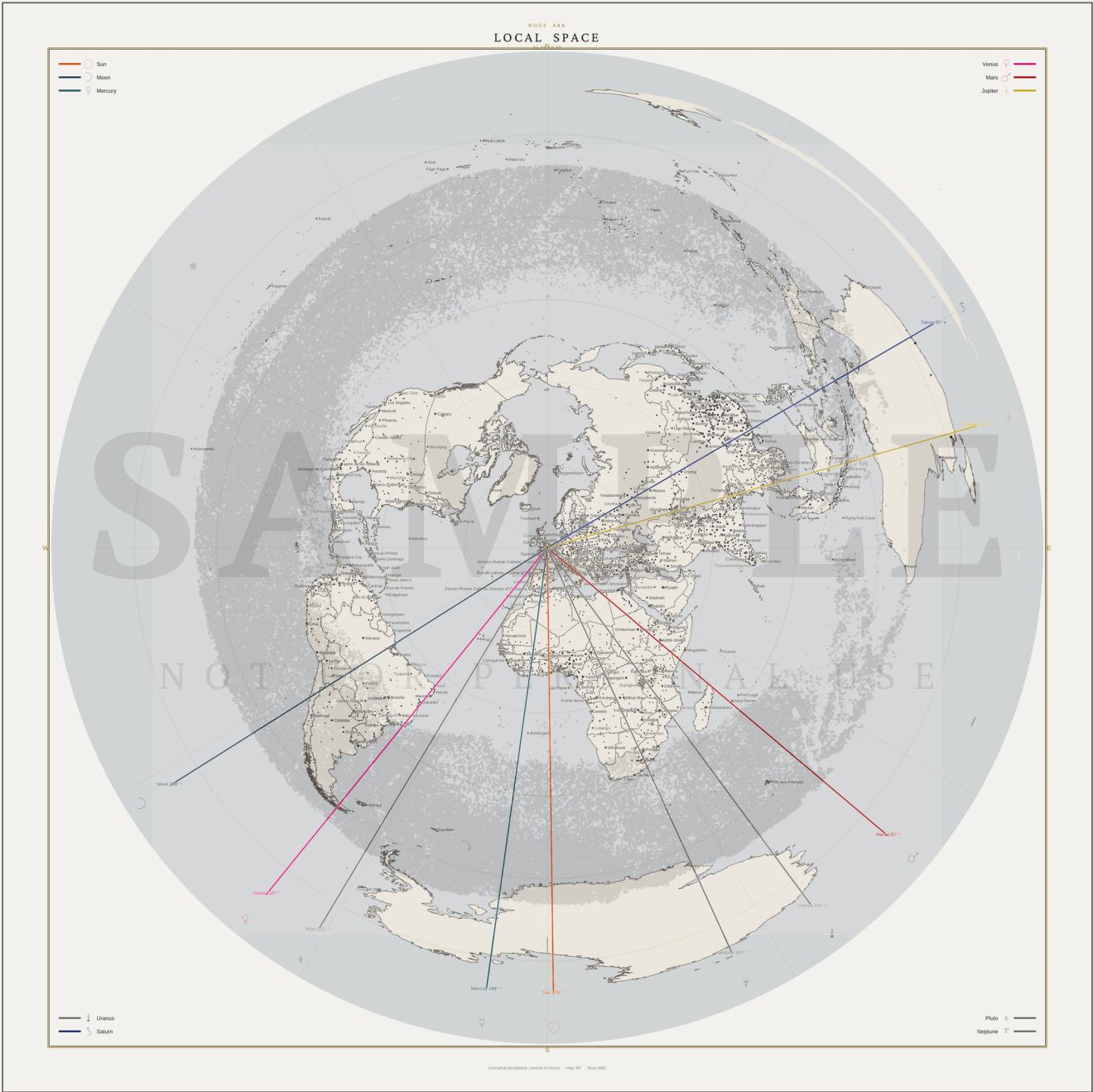
PLANET	SIGN	DIRECTION	AZIMUTH	ALTITUDE	HORIZON
Sun	Cap 10°22'05.37"	S	179.2°	+15.5°	above
Moon	Sco 13°18'53.50"	WSW	237.8°	+10.1°	above
Mercury	Cap 01°53'17.23"	S	187.9°	+13.7°	above
Venus	Sag 01°33'53.59"	SW	219.0°	+11.6°	above
Mars	Aqu 27°57'45.80"	SE	130.2°	+12.2°	above
Jupiter	Ari 25°15'10.98"	ENE	74.2°	-1.5°	below
Saturn	Tau 10°23'44.41"	ENE	59.9°	-6.7°	below
Uranus	Aqu 14°48'32.91"	SE	143.6°	+14.3°	above
Neptune	Aqu 03°11'34.72"	SSE	155.5°	+16.0°	above
Pluto	Sag 11°27'17.08"	SSW	210.9°	+22.3°	above

Your Local Space

Standing at home, each planet points in a compass direction. This disc maps those bearings around you — walk or travel along one to move under that planet's influence.

SAMPLE

NOT FOR PERSONAL USE



Local space — the directions your planets point from home.

PLANET BY PLANET

The Lines of Each Planet

*Every town your lines touch, gathered under the planet that draws them —
overhead, underfoot, rising or setting*



Sun

VITALITY · VISIBILITY

Midheaven (MC) — overhead · Cap · 24 towns within orb

TOWN	COUNTRY	TO THE LINE
Southend-on-Sea	United Kingdom	7.1 km
Lomé	Togo	44.7 km
Toulouse	France	50.5 km
Islington	United Kingdom	63.6 km
London	United Kingdom	65.2 km
Brighton	United Kingdom	67.2 km
Kingston upon Hull	United Kingdom	75.8 km
Brent	United Kingdom	77.4 km
Valencia	Spain	102.7 km
L'Hospitalet de Llobregat	Spain	107.1 km
Milton Keynes	United Kingdom	107.6 km
Bordeaux	France	110.2 km
Barcelona	Spain	111.9 km
Paris	France	112.1 km
Eixample	Spain	112.2 km
Accra	Ghana	112.2 km
Alicante	Spain	113.2 km
Reading	United Kingdom	123.9 km
Oran	Algeria	131.2 km
Leicester	United Kingdom	131.5 km

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N O U S A R K		NOUS SAMPLE
Nottingham	United Kingdom	131.8 km
Marne La Vallée	France	133.6 km
Niamey	Niger	139.8 km
Zaragoza	Spain	140.8 km

Nadir (IC) — underfoot · Cap · 4 towns within orb

TOWN	COUNTRY	TO THE LINE
Egvekinot	Russia	2.9 km
Beringovskiy	Russia	73.9 km
Leava	Wallis and Futuna	110.4 km
Alo	Wallis and Futuna	115.5 km

Ascendant (AC) — rising · Cap · 41 towns within orb

TOWN	COUNTRY	TO THE LINE
Puntarenas	Costa Rica	5.6 km
Yaguajay	Cuba	10.2 km
Sancti Spíritus	Cuba	10.8 km
Charlottetown	Canada	18.8 km
Bluefields	Nicaragua	22.7 km
Cabaiguán	Cuba	22.9 km
Nueva Guinea	Nicaragua	31.9 km
Nassau	Bahamas	33.9 km
Lower Sackville	Canada	36.2 km
Caibarién	Cuba	40.7 km
Condado	Cuba	45.6 km
Remedios	Cuba	46.9 km
Placetas	Cuba	48.5 km
Dartmouth	Canada	49.4 km
Halifax	Canada	51.2 km
Trinidad	Cuba	55.7 km
Morón	Cuba	57 km
Ciego de Ávila	Cuba	57 km
Camajuaní	Cuba	65.4 km
Alajuela	Costa Rica	66.6 km
Manicaragua	Cuba	71.3 km
San Francisco	Costa Rica	76.2 km
Santa Clara	Cuba	82 km
San José	Costa Rica	83.1 km

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N O U S A R K		NOUS SAMPLE
Liberia	Costa Rica	83.7 km
San Vicente	Costa Rica	85.4 km
San Vicente de Moravia	Costa Rica	85.5 km
Curridabat	Costa Rica	88.9 km
Cumanayagua	Cuba	92.4 km
Ranchuelo	Cuba	97.7 km
Cifuentes	Cuba	101.1 km
Paraíso	Costa Rica	109.3 km
Sagua la Grande	Cuba	110.8 km
Cienfuegos	Cuba	115.1 km
Santo Domingo	Cuba	116.2 km
Reykjavík	Iceland	116.2 km
Moncton	Canada	117.3 km
Kópavogur	Iceland	118.3 km
Florida	Cuba	122 km
Juigalpa	Nicaragua	141.1 km
San Isidro	Costa Rica	147.3 km

Descendant (DC) — setting · Cap · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Patiāla	India	1.5 km
Loni	India	3.2 km
Ghāziābād	India	5.5 km
Jammu	India	7.7 km
Naberezhnyye Chelny	Russia	10.1 km
Bhilai	India	10.2 km
Delhi	India	13.3 km
Narela	India	15.4 km
New Delhi	India	16.3 km
Agra	India	16.7 km
Visakhapatnam	India	16.8 km
Karol Bāgh	India	16.9 km
Faridabad	India	18.1 km
Ludhiana	India	18.2 km
Kyzylorda	Kazakhstan	18.6 km
Jalandhar	India	20.3 km
Tashkent	Uzbekistan	21.7 km
Aligarh	India	22.7 km
Rohini	India	23 km
Nowrangapur	India	24.9 km

N o u s A R K		
Rasapūdipalem	India	30.3 km
Raipur	India	30.6 km
Mathura	India	31.4 km
Yunusobod	Uzbekistan	32.4 km
Jabalpur	India	35.5 km
Muzaffarābād	Pakistan	35.5 km
Najafgarh	India	37.4 km
Gurugram	India	40.7 km
Meerut	India	44.4 km
Sialkot	Pakistan	47.6 km
Gwalior	India	49.4 km
Jhānsi	India	50.5 km
Chandigarh	India	52.5 km
Battagram	Pakistan	55.1 km
Rohtak	India	57.1 km
Srinagar	India	57.7 km
Amritsar	India	64.2 km
Muzaffarnagar	India	68.3 km
Sahāranpur	India	79.2 km
Gujrat	Pakistan	81.1 km
Gujranwala	Pakistan	93.8 km
Ufa	Russia	101.7 km
Islamabad	Pakistan	104.7 km
Gorakhpur	India	108.3 km
Shymkent	Kazakhstan	108.9 km
Kākināda	India	109.4 km
Rawalpindi	Pakistan	111 km
Lahore	Pakistan	111.5 km
Kirov	Russia	117.2 km
Bilāspur	India	118.9 km
Hisar	India	118.9 km
Alwar	India	120.8 km
Wah Cantt	Pakistan	125.7 km
Kasur	Pakistan	126.1 km
Izhevsk	Russia	130.3 km
Morādābād	India	131.1 km
Kazan	Russia	131.2 km
Shekhupura	Pakistan	133.8 km
Dehradun	India	138.9 km
Hafizabad	Pakistan	139.7 km



Moon

EMOTION · BELONGING

Midheaven (MC) — **overhead** · Sco · 7 towns within orb

TOWN	COUNTRY	TO THE LINE
Quilmes	Argentina	21.7 km
Buenos Aires	Argentina	32.9 km
Asunción	Paraguay	37.2 km
Mar del Plata	Argentina	40.4 km
Merlo	Argentina	65 km
Corrientes	Argentina	80.6 km
Resistencia	Argentina	95.6 km

Nadir (IC) — **underfoot** · Sco · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Panshan	China	5.6 km
Panjin	China	7.6 km
Zamboanga	Philippines	10.1 km
Weihai	China	11.5 km
Yingkou	China	21 km
Zhoushan	China	21.4 km
Fuxin	China	26.8 km
Chongming	China	27.1 km

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N O U S A R K		NOUS SAMPLE
Dalian	China	32.9 km
Ningbo	China	41.8 km
Yangpu	China	44.1 km
Pudong	China	45.8 km
Taipei	Taiwan	46 km
Baoshan	China	46.8 km
Hongkou	China	46.9 km
Yantai	China	47.8 km
Fengxiang	China	49.2 km
Zhabei	China	49.7 km
Shanghai	China	49.9 km
Xuhui	China	50.9 km
New Taipei City	Taiwan	53 km
Changning	China	53.4 km
Taizhou	China	53.6 km
Jing'an	China	53.9 km
Putuo	China	56.4 km
Minhang	China	57.9 km
Jinshan	China	65.8 km
Jiading	China	70.1 km
Jinzhou	China	70.5 km
Cixi	China	70.8 km
Songjiang	China	72.4 km
Qingpu	China	82.7 km
Taicang	China	84.3 km
Anshan	China	84.4 km
Antipolo	Philippines	92.6 km
Huludao	China	96.6 km
Taguig	Philippines	97.3 km
Kunshan	China	97.6 km
Pasig City	Philippines	99.1 km
Liaoyang	China	99.5 km
Quezon City	Philippines	100.2 km
Paranaque City	Philippines	103.9 km
Nantong	China	104.4 km
Shangyu	China	107 km
Manila	Philippines	107.7 km
Las Piñas	Philippines	107.7 km
Caloocan	Philippines	109.2 km
Valenzuela	Philippines	109.3 km

Changshu	China	117.4 km
Jiaxing	China	117.8 km
Shenyang	China	120.2 km
Wenzhou	China	129.2 km
Rui'an	China	130.3 km
Taichung	Taiwan	131.8 km
Suzhou	China	131.8 km
Shaoxing	China	135.2 km
Zhangjiagang	China	136.3 km
Qingdao	China	144 km
Benxi	China	148.9 km
Qiqihar	China	149.1 km

Ascendant (AC) — rising · Sco · 17 towns within orb

TOWN	COUNTRY	TO THE LINE
Uturoa	French Polynesia	11.2 km
Watson Lake	Canada	11.6 km
Ketchikan	United States	11.8 km
Vaitoare	French Polynesia	13.9 km
Tevaitoa	French Polynesia	14.7 km
Metlakatla	United States	24 km
Fare	French Polynesia	31 km
Fitii	French Polynesia	31.7 km
Anau	French Polynesia	45.4 km
Faanui	French Polynesia	47.7 km
Vaitape	French Polynesia	48.1 km
Wrangell	United States	72.5 km
Craig	United States	82.6 km
Petersburg	United States	118.3 km
Moerai	French Polynesia	124.7 km
Prince Rupert	Canada	130.9 km
Norman Wells	Canada	148.9 km

Descendant (DC) — setting · Sco · 41 towns within orb

TOWN	COUNTRY	TO THE LINE
Blantyre	Malawi	9.9 km
Kahama	Tanzania	13.3 km

Tabora	Tanzania	13.5 km
Mbeya	Tanzania	28.1 km
Katowice	Poland	29.2 km
Niš	Serbia	30 km
Geita	Tanzania	33.1 km
Athens	Greece	33.4 km
Ostrava	Czechia	35.2 km
Poznań	Poland	36.7 km
Belgrade	Serbia	37.4 km
Thessaloníki	Greece	38 km
Skopje	North Macedonia	45.4 km
Pristina	Kosovo	46.6 km
Mwanza	Tanzania	47.2 km
Timișoara	Romania	48.2 km
Pest	Hungary	55.4 km
Yei	South Sudan	56.3 km
Bydgoszcz	Poland	57 km
Juba	South Sudan	58.3 km
Budapest	Hungary	58.5 km
Buda	Hungary	59 km
Kyengera	Uganda	62.9 km
Nansana	Uganda	67.3 km
Bunamwaya	Uganda	68.1 km
Lichinga	Mozambique	68.6 km
Kampala	Uganda	72.1 km
Wrocław	Poland	76.1 km
Kira	Uganda	79.4 km
Kraków	Poland	85.4 km
El Obeid	Sudan	87 km
Oslo	Norway	93.7 km
Lilongwe	Malawi	99.6 km
Łódź	Poland	107.8 km
Beira	Mozambique	115.7 km
Sofia	Bulgaria	124.7 km
Göteborg	Sweden	125.7 km
Gdynia	Poland	136.3 km
Gdańsk	Poland	138 km
Quelimane	Mozambique	139.3 km
Szczecin	Poland	149.1 km



Mercury

MIND · EXCHANGE

Midheaven (MC) — overhead · Cap · 14 towns within orb

TOWN	COUNTRY	TO THE LINE
A Coruña	Spain	0.7 km
Porto	Portugal	18.7 km
Vigo	Spain	27.6 km
Marrakesh	Morocco	36.7 km
Bamako	Mali	44.7 km
Lisbon	Portugal	66.2 km
Casablanca	Morocco	71.9 km
Safi	Morocco	79.9 km
Agadir	Morocco	116.1 km
South Dublin	Ireland	136 km
Temara	Morocco	136.6 km
Dublin	Ireland	142 km
Rabat	Morocco	143.3 km
Salé	Morocco	146.4 km

Nadir (IC) — underfoot · Cap · 60 towns within orb

▲ Contents
NOUS SAMPLE

TOWN	COUNTRY	TO THE LINE
Westport	New Zealand	0.8 km
Ashburton	New Zealand	9.4 km
Allenton	New Zealand	10.2 km
Majuro	Marshall Islands	25.7 km
Dalap-Uliga-Dorrit	Marshall Islands	26 km
Temuka	New Zealand	26.5 km
Timaru	New Zealand	28.5 km
Gleniti	New Zealand	32.8 km
Greymouth	New Zealand	33.9 km
Pevek	Russia	50.4 km
Oamaru	New Zealand	50.4 km
Rolleston	New Zealand	62.1 km
Lincoln	New Zealand	70 km
Prebbleton	New Zealand	72.8 km
Hornby	New Zealand	74.2 km
Wigram	New Zealand	75.5 km
Avonhead	New Zealand	75.6 km
Sockburn	New Zealand	76.1 km
Burnside	New Zealand	76.4 km
Halswell	New Zealand	76.8 km
Upper Riccarton	New Zealand	77.2 km
Ilam	New Zealand	77.2 km
Bishopdale	New Zealand	78.1 km
Rangiora	New Zealand	78.6 km
Riccarton	New Zealand	78.8 km
Bryndwr	New Zealand	78.8 km
Casebrook	New Zealand	78.9 km
Fendalton	New Zealand	79.6 km
Hoon Hay	New Zealand	80.2 km
Merivale	New Zealand	80.4 km
Redwood	New Zealand	80.5 km
Addington	New Zealand	80.9 km
Spreydon	New Zealand	80.9 km
Papanui	New Zealand	81 km
Cashmere	New Zealand	81.8 km
Somerfield	New Zealand	82.1 km
Christchurch	New Zealand	82.3 km
Belfast	New Zealand	82.4 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Sydenham	New Zealand	82.5 km
Mairehau	New Zealand	82.9 km
Kaiapoi	New Zealand	83 km
North East Valley	New Zealand	83.6 km
Richmond	New Zealand	83.7 km
Shirley	New Zealand	83.7 km
Waltham	New Zealand	83.7 km
Woodend	New Zealand	85.3 km
Dunedin	New Zealand	85.9 km
Saint Kilda	New Zealand	86 km
Parklands	New Zealand	86.9 km
Aranui	New Zealand	87.7 km
Burwood	New Zealand	87.7 km
Wakari	New Zealand	87.7 km
New Brighton	New Zealand	90.4 km
Mosgiel	New Zealand	98 km
Motueka	New Zealand	117.6 km
Stoke	New Zealand	135.3 km
Waikowhai	New Zealand	139.6 km
Nelson	New Zealand	139.7 km
Balclutha	New Zealand	143.3 km
Betio Village	Kiribati	145.4 km

NOT FOR PERSONAL USE

Ascendant (AC) — rising · Cap · 24 towns within orb

TOWN	COUNTRY	TO THE LINE
Baltimore	United States	2.4 km
Washington	United States	10.1 km
Durham	United States	17.9 km
West Raleigh	United States	47.8 km
Raleigh	United States	50.6 km
Greensboro	United States	55.7 km
Philadelphia	United States	62.1 km
Tapachula	Mexico	79.1 km
Newark	United States	84.1 km
Charlotte	United States	90.9 km
Jersey City	United States	91.1 km
Mixco	Guatemala	94.5 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Manhattan	United States	95.5 km
New York City	United States	97 km
Staten Island	United States	97.1 km
The Bronx	United States	98.3 km
Villa Nueva	Guatemala	101.7 km
Guatemala City	Guatemala	103.2 km
Brooklyn	United States	105 km
Québec	Canada	107.4 km
Queens	United States	110.9 km
Jacksonville	United States	111.3 km
Mérida	Mexico	117.2 km
Cancún	Mexico	130.8 km

Descendant (DC) — setting · Cap · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Tirunelveli	India	6.8 km
Rājkot	India	8.5 km
Saint Petersburg	Russia	11.9 km
Kalininskiy	Russia	19.6 km
Krasnogvargeisky	Russia	20.1 km
Nawabshah	Pakistan	24.4 km
Dhārāvī	India	25.9 km
Larkana	Pakistan	26.7 km
Kandahār	Afghanistan	27.1 km
Mumbai	India	28.5 km
Belagavi	India	28.9 km
Borivli	India	34.2 km
Tando Allahyar	Pakistan	36.6 km
Bhayandar	India	36.7 km
Penza	Russia	36.8 km
Saratov	Russia	39 km
Navi Mumbai	India	39.4 km
Virār	India	40.4 km
Shivamogga	India	41.2 km
Coimbatore	India	41.5 km
Thāne	India	42.2 km
Kolhāpur	India	42.9 km

Teni	India	46 km
Thoothukudi	India	53.6 km
Dombivali	India	54.5 km
Bhiwandi	India	56.2 km
Vladimir	Russia	57.6 km
Quetta	Pakistan	59.3 km
Kalyān	India	60.7 km
Ulhasnagar	India	60.8 km
Kozhikode	India	64.4 km
Tver	Russia	64.8 km
Hubballi	India	65.9 km
Jamnagar	India	66.1 km
Mysuru	India	69.6 km
Hyderabad	Pakistan	70.2 km
Mangaluru	India	76.4 km
Kanayannur	India	76.5 km
Thiruvananthapuram	India	77.8 km
Kochi	India	78.4 km
Sāngli	India	82.4 km
Tiruppur	India	85.1 km
Moscow	Russia	90.4 km
Sukkur	Pakistan	90.7 km
Bhavnagar	India	91.1 km
Pimpri-Chinchwad	India	94 km
Pune	India	94.2 km
Shivaji Nagar	India	94.4 km
Pimpri	India	94.5 km
Ryazan'	Russia	95.4 km
Kollam	India	95.7 km
Davangere	India	101.5 km
Madurai	India	105.5 km
Herāt	Afghanistan	105.8 km
Bilimora	India	118.1 km
Helsinki	Finland	126.3 km
Surat	India	126.5 km
Espoo	Finland	130.6 km
Erode	India	132.7 km
Colombo	Sri Lanka	140.8 km



Venus

LOVE · BEAUTY

Midheaven (MC) — **overhead** · Sag · 8 towns within orb

TOWN	COUNTRY	TO THE LINE
Petrolina	Brazil	7.5 km
Cariacica	Brazil	15.5 km
Vitória	Brazil	24.1 km
Serra	Brazil	27.3 km
Vila Velha	Brazil	28.8 km
Vitória da Conquista	Brazil	29.1 km
Campos dos Goytacazes	Brazil	78.6 km
Governador Valadares	Brazil	145.3 km

Nadir (IC) — **underfoot** · Sag · 54 towns within orb

TOWN	COUNTRY	TO THE LINE
Machida	Japan	1.8 km
Tokorozawa	Japan	3.4 km
Fujisawa	Japan	4.1 km
Fuchū	Japan	4.6 km
Kawagoe	Japan	4.9 km
Hiratsuka	Japan	8.5 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Hachiōji	Japan	9.7 km
Aihara	Japan	10.3 km
Sagamihara	Japan	17.1 km
Setagaya	Japan	19.5 km
Yokohama	Japan	19.8 km
Saitama	Japan	20.3 km
Yokosuka	Japan	21.4 km
Nakano	Japan	21.5 km
Tokyo	Japan	23.5 km
Meguro	Japan	24.5 km
Shinjuku	Japan	25.1 km
Kawaguchi	Japan	25.2 km
Itabashi	Japan	25.6 km
Ōta	Japan	25.8 km
Kawasaki	Japan	25.9 km
Kita	Japan	27.3 km
Toshima	Japan	28.3 km
Minato City	Japan	29 km
Maebashi	Japan	31.1 km
Koshigaya	Japan	32.3 km
Adachi	Japan	34 km
Niigata	Japan	34.2 km
Sumida	Japan	35.2 km
Takasaki	Japan	37.1 km
Katsushika	Japan	37.8 km
Edogawe	Japan	39.9 km
Utsunomiya	Japan	40.4 km
Matsudo	Japan	42.4 km
Ichikawa	Japan	42.9 km
Kashiwa	Japan	49.2 km
Honchō	Japan	50.2 km
Nagaoka	Japan	51.3 km
Akita	Japan	58.7 km
Ichihara	Japan	59 km
Chiba	Japan	62 km
Adelaide	Australia	75.9 km
Suginami	Japan	76.5 km
Kōriyama	Japan	84.1 km

Fukushima	Japan	91.1 km
Mito	Japan	91.3 km
Shizuoka	Japan	95.4 km
Hakodate	Japan	108.3 km
Aomori	Japan	109.6 km
Nagano	Japan	111.3 km
Sendai	Japan	125.3 km
Iwaki	Japan	128.9 km
Jayapura	Indonesia	143 km
Morioka	Japan	147.1 km

Ascendant (AC) — rising · Sag · 12 towns within orb

TOWN	COUNTRY	TO THE LINE
Irvine	United States	8.1 km
Santa Ana	United States	15.2 km
Riverside	United States	16.3 km
Anaheim	United States	22.9 km
Long Beach	United States	43.6 km
Los Angeles	United States	60.2 km
Saskatoon	Canada	88.7 km
San Diego	United States	89 km
Chula Vista	United States	99.2 km
Las Vegas	United States	108 km
Tijuana	Mexico	112.1 km
Henderson	United States	126.8 km

Descendant (DC) — setting · Sag · 46 towns within orb

TOWN	COUNTRY	TO THE LINE
Tarsus	Türkiye	1.8 km
Sanaa	Yemen	3.2 km
Aden	Yemen	5.4 km
Aksaray	Türkiye	7 km
Ṭarṭūs	Syria	7.7 km
Białystok	Poland	8.5 km
Latakia	Syria	11.9 km
Brest	Belarus	19.2 km

N O U S A R K		
Chisinau	Moldova	26.8 km
Mersin	Türkiye	27.2 km
Çankaya	Türkiye	27.9 km
Ankara	Türkiye	28.5 km
Khmelnyskyi	Ukraine	29.9 km
Damascus	Syria	32.3 km
Batikent	Türkiye	35.8 km
Khamis Mushait	Saudi Arabia	36.1 km
Adana	Türkiye	36.5 km
Kaliningrad	Russia	42.9 km
Iași	Romania	49.3 km
Ibb	Yemen	49.8 km
Homs	Syria	56.1 km
Antakya	Türkiye	71.4 km
Najrân	Saudi Arabia	73.3 km
Ḥamāh	Syria	75.9 km
Hrodna	Belarus	77.5 km
Taiz	Yemen	80.5 km
Beirut	Lebanon	83.2 km
Ra's Bayrūt	Lebanon	84.5 km
İskenderun	Türkiye	89 km
Chernivtsi	Ukraine	98.1 km
Madinah	Saudi Arabia	102.7 km
Sulṭānah	Saudi Arabia	104.5 km
Irbid	Jordan	111.2 km
Zarqa	Jordan	111.2 km
Vinnysya	Ukraine	115.2 km
Russeifa	Jordan	117.2 km
Kayseri	Türkiye	125.4 km
Amman	Jordan	128.7 km
Odesa	Ukraine	129 km
Stockholm	Sweden	129.8 km
Lviv	Ukraine	131.5 km
Constanța	Romania	133.6 km
Ḥayy Khildā	Jordan	136.2 km
Lublin	Poland	136.7 km
Al Ḥudaydah	Yemen	144.1 km
Oslo	Norway	149.1 km



Mars

DRIVE · COURAGE

Midheaven (MC) — **overhead** · Aqu · 34 towns within orb

TOWN	COUNTRY	TO THE LINE
Qazvin	Iran	4.6 km
Dammam	Saudi Arabia	4.7 km
Samara	Russia	5.3 km
Baku	Azerbaijan	13.9 km
Kirov	Russia	23.1 km
Sumqayıt	Azerbaijan	32.7 km
Arāk	Iran	33 km
Rasht	Iran	41.4 km
Al Mubarraz	Saudi Arabia	46.8 km
Tolyatti	Russia	46.9 km
Al Hufuf	Saudi Arabia	47.1 km
Kazan	Russia	58.4 km
Toamasina	Madagascar	69.1 km
Qom	Iran	75.1 km
Karaj	Iran	84.3 km
Shahrīār	Iran	90.5 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Qods	Iran	95.1 km
Oral	Kazakhstan	95.3 km
Mukalla	Yemen	100.3 km
Eslamshahr	Iran	106.7 km
Ulyanovsk	Russia	108.2 km
Borūjerd	Iran	120.4 km
Tehran	Iran	123.3 km
Ahvaz	Iran	130.3 km
Yoshkar-Ola	Russia	132.4 km
Āzādshahr	Iran	135.7 km
Ar Rayyān	Qatar	137.6 km
Qarchak	Iran	137.9 km
Atyrau	Kazakhstan	138.4 km
Khomeynī Shahr	Iran	138.5 km
Zanjan	Iran	139.1 km
Hamadān	Iran	140.7 km
Naberezhnyye Chelny	Russia	147.9 km
Doha	Qatar	148.3 km

Nadir (IC) — underfoot · Aqu · 10 towns within orb

TOWN	COUNTRY	TO THE LINE
Adamstown	Pitcairn	15.9 km
Prince Rupert	Canada	24.4 km
Watson Lake	Canada	68.5 km
Kitimat	Canada	84.2 km
Terrace	Canada	86.5 km
Metlakatla	United States	103.8 km
Ketchikan	United States	107.7 km
Bella Bella	Canada	122.8 km
Norman Wells	Canada	144.6 km
Wrangell	United States	149.4 km

Ascendant (AC) — rising · Aqu · 36 towns within orb

TOWN	COUNTRY	TO THE LINE
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▲ Contents

NOUS SAMPLE

N O U S A R K		
Taubaté	Brazil	10.2 km
Montes Claros	Brazil	12.5 km
São José dos Campos	Brazil	18.5 km
Guarujá	Brazil	32.2 km
Mogi das Cruzes	Brazil	38.7 km
Santos	Brazil	40.7 km
Praia Grande	Brazil	46.3 km
São Vicente	Brazil	46.4 km
Suzano	Brazil	50.2 km
Itaquaquecetuba	Brazil	55.5 km
Mauá	Brazil	61.6 km
Betim	Brazil	63.7 km
Santo André	Brazil	69.3 km
Ribeirão das Neves	Brazil	69.7 km
Sapopemba	Brazil	69.8 km
São Bernardo do Campo	Brazil	71 km
Guarulhos	Brazil	74.4 km
Sacomã	Brazil	76.1 km
Diadema	Brazil	76.9 km
Contagem	Brazil	77.4 km
Grajaú	Brazil	79.3 km
São Paulo	Brazil	82.2 km
Jardim Sao Luis	Brazil	88.6 km
Belo Horizonte	Brazil	88.9 km
Jardim Angela	Brazil	90.5 km
Capao Redondo	Brazil	93 km
Taboão da Serra	Brazil	95.3 km
Osasco	Brazil	97.9 km
Embu das Artes	Brazil	100.6 km
Carapicuíba	Brazil	102.5 km
Barueri	Brazil	106.9 km
Cotia	Brazil	108.5 km
Jundiaí	Brazil	116.9 km
Volta Redonda	Brazil	140.9 km
Campinas	Brazil	142.4 km
Florianópolis	Brazil	149.4 km

Descendant (DC) — setting · Aqu · 34 towns within orb

TOWN	COUNTRY	TO THE LINE
Shimonoseki	Japan	3.8 km
Jayapura	Indonesia	7.4 km
Kitakyushu	Japan	14.7 km
Miyazaki	Japan	22.7 km
Ōita	Japan	33.4 km
Harbin	China	37.3 km
Jilin	China	37.4 km
Canberra	Australia	40.9 km
Daqing	China	52 km
Kotō	Japan	57.1 km
Kurume	Japan	60.9 km
Fukuoka	Japan	61 km
Kumamoto	Japan	61.1 km
Pohang	South Korea	76 km
Suihua	China	92.2 km
Hŭngnam	North Korea	93.8 km
Ulsan	South Korea	96 km
Qiqihar	China	96.8 km
Hamhŭng	North Korea	98.9 km
Kagoshima	Japan	112.2 km
Bei'an	China	123.5 km
Hulan Ergi	China	125.3 km
Yangsan	South Korea	126.9 km
Changchun	China	129.9 km
Wŏnsan	North Korea	132.9 km
Busan	South Korea	135.1 km
Nagasaki	Japan	135.4 km
Gyeongsan-si	South Korea	136.7 km
Wollongong	Australia	140.7 km
Chongjin	North Korea	143.1 km
Hiroshima	Japan	143.5 km
Kimhae	South Korea	143.7 km
Daxing'anling	China	147.2 km
Daegu	South Korea	147.7 km



Jupiter

EXPANSION · FORTUNE

Midheaven (MC) — overhead · Ari · 54 towns within orb

TOWN	COUNTRY	TO THE LINE
Mengzi	China	2.5 km
Kuantan	Malaysia	9 km
Kluang	Malaysia	10 km
Linxia Chengguanzhen	China	18.1 km
Jambi City	Indonesia	23.3 km
Iskandar Puteri	Malaysia	24 km
Mukim Pulaui	Malaysia	28.9 km
Kuala Terengganu	Malaysia	29.5 km
Zhaotong	China	30.6 km
Leshan	China	34.5 km
Jurong West	Singapore	35.1 km
Jurong Town	Singapore	35.1 km
Kampung Larkin Lama	Malaysia	37.5 km
Qujing	China	37.8 km
Kampung Kangkar Teberau	Malaysia	38.7 km
Lanzhou	China	38.9 km
Johor Bahru	Malaysia	39 km
Ya'an	China	39.3 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Meishan	China	41.4 km
Woodlands	Singapore	42.4 km
Pelentong	Malaysia	46.4 km
Singapore	Singapore	49.3 km
Sengkang New Town	Singapore	54.2 km
Pasir Gudang	Malaysia	55.4 km
Ulu Bedok	Singapore	58.5 km
Tampines Estate	Singapore	59.3 km
Bedok New Town	Singapore	59.4 km
Irkutsk	Russia	60.1 km
Tampines New Town	Singapore	60.3 km
Phu Quoc	Viet Nam	61.8 km
Chengdu	China	63.1 km
Wuwei	China	68 km
Baiyin	China	68.2 km
Batam	Indonesia	68.7 km
Kunming	China	69.4 km
Mianzhu, Deyang, Sichuan	China	77.3 km
Vientiane	Laos	85.4 km
Wenshan City	China	86.1 km
Nianbo	China	88.6 km
Deyang	China	92.8 km
Muar	Malaysia	93.1 km
Dingxi	China	110 km
Bratsk	Russia	111.1 km
Xichang	China	112.4 km
Ziyang	China	119.4 km
Yibin	China	120.2 km
Mianyang	China	120.9 km
Bengkulu	Indonesia	126.6 km
Kota Bharu	Malaysia	128.7 km
Malacca	Malaysia	129.6 km
Zigong	China	132.8 km
Liupanshui	China	141.8 km
Xining	China	147.2 km
Palembang	Indonesia	148.7 km

TOWN	COUNTRY	TO THE LINE
Baltimore	United States	1.6 km
Popayán	Colombia	2.2 km
Cali	Colombia	8.1 km
New Kingston	Jamaica	20.1 km
Kingston	Jamaica	21.2 km
Palmira	Colombia	32.1 km
Holguín	Cuba	34.3 km
Washington	United States	38.4 km
Santiago de Surco	Peru	45 km
Buenaventura	Colombia	45.2 km
Lima	Peru	47.3 km
Virginia Beach	United States	54.7 km
Callao	Peru	58.9 km
Gatineau	Canada	69.5 km
Ottawa	Canada	69.9 km
Pasto	Colombia	76.2 km
Montería	Colombia	78.6 km
Santiago de Cuba	Cuba	80.6 km
Ica	Peru	92.6 km
Pereira	Colombia	99.5 km
Armenia	Colombia	102 km
Itagüí	Colombia	109.9 km
Medellín	Colombia	112.9 km
Bello	Colombia	114.4 km
Cartagena	Colombia	120.3 km
Manizales	Colombia	120.3 km
Philadelphia	United States	121.8 km
Sincelejo	Colombia	132 km
Camagüey	Cuba	137.1 km
Guantánamo	Cuba	144.5 km
Neiva	Colombia	145.8 km

Ascendant (AC) — rising · Ari · 27 towns within orb

TOWN	COUNTRY	TO THE LINE
Windhoek	Namibia	7.7 km
Marseille	France	12.8 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Lyon	France	27.8 km
Constantine	Algeria	35.4 km
Huambo	Angola	39.4 km
Yola	Nigeria	51.9 km
Uíge	Angola	54.2 km
Marne La Vallée	France	57.7 km
Gombe	Nigeria	72.2 km
Gent	Belgium	73.9 km
Cape Town	South Africa	74.4 km
Annaba	Algeria	76.6 km
Paris	France	78 km
Matadi	Democratic Republic of the Congo	90.7 km
Batna	Algeria	91.6 km
Brussels	Belgium	112.2 km
Southend-on-Sea	United Kingdom	115.4 km
Kingston upon Hull	United Kingdom	117.2 km
Antwerp	Belgium	124.6 km
Brazzaville	Congo	134.9 km
Boma	Democratic Republic of the Congo	135.7 km
Kinshasa	Democratic Republic of the Congo	137.2 km
The Hague	Netherlands	138.2 km
Yaoundé	Cameroon	143.1 km
Masina	Democratic Republic of the Congo	144.7 km
Sétif	Algeria	144.8 km
Rotterdam	Netherlands	146.6 km

Descendant (DC) — setting · Ari · 48 towns within orb

TOWN	COUNTRY	TO THE LINE
College	United States	0.2 km
Ridgeway	United States	0.4 km
Soldotna	United States	2.5 km
Farmers Loop	United States	2.8 km
Diamond Ridge	United States	3.2 km
Homer	United States	4.8 km
Fairbanks	United States	4.8 km
Susitna North	United States	5.5 km
Cohoe	United States	6.5 km
Kodiak Station	United States	7.1 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Kalifornsky	United States	7.3 km
Ester	United States	8.8 km
Kenai	United States	10.2 km
Willow	United States	11 km
Healy	United States	14.2 km
Badger	United States	14.4 km
Anchor Point	United States	14.7 km
Fritz Creek	United States	15.3 km
Sterling	United States	16.1 km
Nikiski	United States	16.3 km
Kodiak	United States	17.4 km
Funny River	United States	17.5 km
Big Lake	United States	23.2 km
North Pole	United States	24.4 km
Houston	United States	26.1 km
Alofi	Niue	34.7 km
Anchorage	United States	36.7 km
Meadow Lakes	United States	37.2 km
Eielson Air Force Base	United States	41 km
Knik-Fairview	United States	41.3 km
Tanaina	United States	45.7 km
Wasilla	United States	46.7 km
Elmendorf Air Force Base	United States	48.9 km
Eagle River	United States	49.8 km
Fishhook	United States	51 km
Lakes	United States	52.4 km
Salcha	United States	53.4 km
Gateway	United States	57.1 km
Farm Loop	United States	59.5 km
Palmer	United States	62.4 km
Butte	United States	68.5 km
Sutton-Alpine	United States	69.2 km
Lazy Mountain	United States	69.8 km
Ta`ū	American Samoa	77.1 km
Girdwood	United States	84 km
Seward	United States	100.4 km
Bear Creek	United States	100.7 km
Waitangi	New Zealand	124.1 km



Saturn

DISCIPLINE · ENDURANCE

Midheaven (MC) — overhead · Tau · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Chuzhou	China	0.6 km
Huangshan	China	0.8 km
Suqian	China	0.8 km
Linyi	China	3.5 km
Tangshan	China	10.4 km
Wuhu	China	11.9 km
Nanping	China	13 km
Dongying	China	16.5 km
Ma'anshan	China	19.4 km
Sandakan	Malaysia	20.6 km
Zibo	China	21.5 km
Xiamen	China	22.5 km
Binzhou	China	25.4 km
Jinjiang	China	27.2 km
Quanzhou	China	28.4 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Chengde	China	29 km
Shangrao	China	35.4 km
Shouguang	China	38.5 km
Xuancheng	China	43 km
Nanjing	China	44.6 km
Tongling	China	49.7 km
Quzhou	China	54.9 km
Tanggu	China	56.8 km
Laiwu	China	58.1 km
Zhangzhou	China	65.7 km
Huai'an	China	66.2 km
Sanming	China	68.4 km
Zaozhuang	China	68.5 km
Putian	China	70.9 km
Weifang	China	71.1 km
Chizhou	China	79.1 km
Lianyungang	China	83.4 km
Bengbu	China	88.1 km
Xuzhou	China	93.9 km
Hefei	China	96.7 km
Tianjin	China	97.3 km
Zhucheng	China	98.3 km
Zhu Cheng City	China	98.8 km
Fuzhou	China	100 km
Sanhe	China	105.3 km
Yangzhou	China	106.2 km
Tai'an	China	106.3 km
Jingdezhen	China	106.3 km
Zhenjiang	China	108.2 km
Qinhuangdao	China	109.5 km
Rizhao	China	111 km
Jinan	China	116.6 km
Anqing	China	120.4 km
Ningde	China	121.1 km
Huainan	China	122.5 km
Suzhou	China	122.7 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Makassar	Indonesia	124.9 km
Cangzhou	China	126.6 km
Samarinda	Indonesia	128.8 km
Longyan	China	129.6 km
Jinhua	China	130.2 km
Langfang	China	136.4 km
Huaibei	China	139.5 km
Yixing	China	143.9 km
Pingdu	China	146.2 km

Nadir (IC) — underfoot · Tau · 6 towns within orb

TOWN	COUNTRY	TO THE LINE
Bahía Blanca	Argentina	49.4 km
Santa Fe	Argentina	93.4 km
Rosario	Argentina	98.6 km
Ciudad Guayana	Venezuela	104 km
Boa Vista	Brazil	113.5 km
Halifax	Canada	148.8 km

Ascendant (AC) — rising · Tau · 37 towns within orb

TOWN	COUNTRY	TO THE LINE
Kiel	Germany	0.4 km
Bukavu	Democratic Republic of the Congo	2.1 km
Isiro	Democratic Republic of the Congo	7.3 km
Uvira	Democratic Republic of the Congo	7.8 km
Bergen	Norway	10.6 km
Bari	Italy	13.4 km
Benghazi	Libya	14.6 km
El Fasher	Sudan	16.4 km
Leipzig	Germany	20.4 km
Ljubljana	Slovenia	27.4 km
Bujumbura	Burundi	32.4 km
Wandsbek	Germany	34.3 km
Marienthal	Germany	35 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Hamburg-Mitte	Germany	39.8 km
Hamburg-Nord	Germany	40.1 km
Hamburg	Germany	41.2 km
Eimsbüttel	Germany	42.4 km
El Daein	Sudan	44.9 km
Altona	Germany	44.9 km
Goma	Democratic Republic of the Congo	59.6 km
Nyala	Sudan	72.7 km
Zagreb	Croatia	72.7 km
Chimoio	Mozambique	74.5 km
Graz	Austria	76.1 km
Århus	Denmark	80.4 km
Dresden	Germany	99.2 km
Hannover	Germany	106.9 km
Prague	Czechia	110.2 km
Butembo	Democratic Republic of the Congo	110.5 km
Chipata	Zambia	129.8 km
Berlin	Germany	132.1 km
Bremen	Germany	134.2 km
Winejok	South Sudan	139.4 km
Nuremberg	Germany	139.6 km
Harare	Zimbabwe	142.2 km
Kigali	Rwanda	142.9 km
Chitungwiza	Zimbabwe	144.5 km

NOT FOR PERSONAL USE

Descendant (DC) — setting · Tau · 7 towns within orb

TOWN	COUNTRY	TO THE LINE
Watson Lake	Canada	5.8 km
Wrangell	United States	23.9 km
Craig	United States	25.7 km
Ketchikan	United States	67.4 km
Petersburg	United States	71.2 km
Metlakatla	United States	81 km
Kugluktuk	Canada	110.3 km



Uranus

CHANGE · AWAKENING

Midheaven (MC) — overhead · Aqu · 55 towns within orb

TOWN	COUNTRY	TO THE LINE
Sivas	Türkiye	0.1 km
Ruiru	Kenya	6 km
Thika	Kenya	6.1 km
Kahramanmaraş	Türkiye	7.8 km
Aleppo	Syria	13.2 km
Quelimane	Mozambique	13.4 km
Jimma	Ethiopia	19.8 km
Port Sudan	Sudan	21.1 km
Nairobi	Kenya	22 km
Ḥamāh	Syria	23.3 km
Homs	Syria	26.4 km
Belgorod	Russia	30.6 km
Gaziantep	Türkiye	32.7 km
Arusha	Tanzania	36.8 km
Moscow	Russia	37.8 km
Kikuyu	Kenya	39.1 km
Tula	Russia	39.3 km

Bahir Dar	Ethiopia	41 km
Pravyi Bereh	Ukraine	43.2 km
Tabuk	Saudi Arabia	43.3 km
Saltivka	Ukraine	47.5 km
Kaluga	Russia	48 km
Gonder	Ethiopia	49.1 km
Cherepovets	Russia	50.5 km
Kharkiv	Ukraine	54.3 km
Samsun	Türkiye	56.7 km
Kursk	Russia	57.2 km
Donetsk	Ukraine	58.6 km
Orël	Russia	62.6 km
Kassala	Sudan	65.9 km
Damascus	Syria	67.1 km
Tver	Russia	67.7 km
Makiyivka	Ukraine	67.7 km
Morogoro	Tanzania	71.4 km
İskenderun	Türkiye	75.1 km
Antakya	Türkiye	76.9 km
Zarqa	Jordan	87.3 km
Russeifa	Jordan	91.3 km
Amman	Jordan	100.9 km
Ṭarṭūs	Syria	102.9 km
Nakuru	Kenya	104.8 km
Irbid	Jordan	109.1 km
Latakia	Syria	110.7 km
Ḥayy Khildā	Jordan	110.8 km
Adıyaman	Türkiye	110.9 km
Malatya	Türkiye	113.5 km
Kayseri	Türkiye	132.6 km
Beirut	Lebanon	139.6 km
Petrozavodsk	Russia	140.2 km
Dodoma	Tanzania	141 km
Ra's Bayrūt	Lebanon	141.3 km
Zaporizhzhya	Ukraine	141.6 km
Taganrog	Russia	142.7 km
Dnipro	Ukraine	145.5 km
Songea	Tanzania	149.1 km

Nadir (IC) — underfoot · Aqu · 2 towns within orb

TOWN	COUNTRY	TO THE LINE
Tok	United States	0 km
Deltana	United States	109.3 km

Ascendant (AC) — rising · Aqu · 1 town within orb

TOWN	COUNTRY	TO THE LINE
Córdoba	Argentina	38.3 km

Descendant (DC) — setting · Aqu · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Hebi	China	0.4 km
Hohhot	China	2.6 km
General Santos	Philippines	3.8 km
Cebu City	Philippines	7.4 km
Fuyang	China	19.7 km
Ulan Bator	Mongolia	21.5 km
Anyang	China	22.3 km
Quanzhou	China	24.2 km
Yangquan	China	25.7 km
Cagayan de Oro	Philippines	26.2 km
Jinjiang	China	28.7 km
Putian	China	35.1 km
Malingao	Philippines	35.3 km
Kaifeng	China	36 km
Irkutsk	Russia	36.3 km
Lu'an	China	37 km
Budta	Philippines	37.6 km
Anqing	China	38.5 km
Shangrao	China	44 km
Jinzhong	China	47.5 km
Handan	China	51.6 km
Bozhou	China	53.4 km

Taiyuan	China	55.5 km
Kaohsiung	Taiwan	61 km
Xinxiang	China	63.2 km
Shangqiu	China	64.3 km
Tainan	Taiwan	64.3 km
Puyang	China	64.4 km
Adelaide	Australia	64.9 km
Xingtai	China	70 km
Heze	China	80.6 km
Changzhi	China	80.9 km
Davao	Philippines	81.8 km
Chizhou	China	82.9 km
Fuzhou	China	85.3 km
Jiujiang	China	86.6 km
Xiamen	China	88.1 km
Zhengzhou	China	93.8 km
Datong	China	95.6 km
Xuchang	China	104.9 km
Shijiazhuang	China	107.9 km
Jiaozuo	China	108.7 km
Luohe	China	108.8 km
Hefei	China	109.8 km
Huainan	China	113 km
Zhumadian	China	133.1 km
Antipolo	Philippines	134.2 km
Nanchang	China	139.4 km
Quezon City	Philippines	140.7 km
Pasig City	Philippines	141.8 km
Taguig	Philippines	142.1 km
Huaibei	China	145.6 km
Valenzuela	Philippines	147.6 km
Quzhou	China	147.8 km
Caloocan	Philippines	149.2 km
Suzhou	China	149.2 km
Manila	Philippines	149.3 km
Baotou	China	149.5 km
Paranaque City	Philippines	149.9 km
Taichung	Taiwan	150 km



Neptune

IMAGINATION · DISSOLUTION

Midheaven (MC) — overhead · Aqu · 33 towns within orb

TOWN	COUNTRY	TO THE LINE
Helsinki	Finland	2.1 km
Vantaa	Finland	3.8 km
Nyala	Sudan	10 km
Tallinn	Estonia	12.4 km
Espoo	Finland	17.7 km
Plovdiv	Bulgaria	18.3 km
Vilnius	Lithuania	19.7 km
Kisangani	Democratic Republic of the Congo	24.3 km
Kariega	South Africa	39.6 km
El Fasher	Sudan	40.7 km
Braşov	Romania	49.3 km
Riga	Latvia	52.6 km
Kolwezi	Democratic Republic of the Congo	54 km
Gqeberha	South Africa	59.2 km
Tampere	Finland	62.9 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Kaunas	Lithuania	68 km
Lviv	Ukraine	68.1 km
Chernivtsi	Ukraine	71 km
Hrodna	Belarus	75.3 km
Sector 6	Romania	82.9 km
Brest	Belarus	85.7 km
Sector 5	Romania	87.3 km
Bucharest	Romania	90 km
Sector 4	Romania	91.3 km
Sector 2	Romania	92.1 km
Sector 3	Romania	95 km
Cluj-Napoca	Romania	104.5 km
Athens	Greece	109.1 km
Bloemfontein	South Africa	120.6 km
Białystok	Poland	120.6 km
El Daein	Sudan	125.7 km
Sofia	Bulgaria	134.7 km
Khmelnyskyi	Ukraine	145.1 km

Nadir (IC) — underfoot · Aqu · 54 towns within orb

TOWN	COUNTRY	TO THE LINE
Keaʻau	United States	1 km
Orchidlands Estates	United States	1.3 km
Hawaiian Acres	United States	2.6 km
Kurtistown	United States	3.1 km
Ainaloa	United States	3.6 km
Fern Acres	United States	5.5 km
Hawaiian Paradise Park	United States	5.7 km
Hilo	United States	6.6 km
Pāpaʻīkou	United States	6.9 km
Wainaku	United States	7.1 km
Eden Roc	United States	7.9 km
Pepeekeo	United States	8.3 km
Mountain View	United States	8.4 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Fern Forest	United States	11.3 km
Leilani Estates	United States	11.5 km
Hawaiian Beaches	United States	11.7 km
Nanawale Estates	United States	12.1 km
Volcano	United States	21.7 km
Laupāhoehoe	United States	21.8 km
Honoka‘a	United States	45.9 km
Pāhala	United States	47.4 km
Utqiagvik	United States	62.8 km
Discovery Harbor	United States	63.5 km
Waimea	United States	67.4 km
Hawaiian Ocean View	United States	77.5 km
Waikoloa	United States	79.6 km
Kapaau	United States	80.8 km
Hāwī	United States	84.1 km
Honaunau-Napoopoo	United States	87.8 km
Captain Cook	United States	93.7 km
Kealahou	United States	93.8 km
Honalo	United States	94.8 km
Hōlualoa	United States	96.4 km
Kahaluu-Keauhou	United States	97.9 km
Kalaoa	United States	99.9 km
Hana	United States	100.1 km
Kailua-Kona	United States	101.8 km
Wailua	United States	115.2 km
Huelo	United States	124.4 km
Olinda, CDP	United States	131.5 km
Haiku-Pauwela	United States	132.7 km
Makawao	United States	133.6 km
Ha‘ikū	United States	134.4 km
Kula	United States	135.1 km
Pukalani	United States	136.1 km
Haliimaile	United States	137 km
Kēōkea	United States	138 km
Paia	United States	139.4 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Kodiak Station	United States	143.9 km
Spreckelsville	United States	144.1 km
Wailea-Makena	United States	145.6 km
Kihei Mauka	United States	146.9 km
Wailea	United States	147.1 km
Kihei	United States	147.5 km

Ascendant (AC) — rising · Aqu · 5 towns within orb

TOWN	COUNTRY	TO THE LINE
Ciudad Guayana	Venezuela	56.7 km
Arequipa	Peru	62.4 km
Rio Branco	Brazil	75.5 km
Tacna	Peru	127.3 km
Ciudad Bolívar	Venezuela	142.4 km

Descendant (DC) — setting · Aqu · 51 towns within orb

TOWN	COUNTRY	TO THE LINE
Liupanshui	China	8.4 km
Leshan	China	17.3 km
Hà Long	Viet Nam	22.4 km
Jiuquan	China	30.2 km
Novokuznetsk	Russia	30.2 km
Ya'an	China	33.1 km
Meishan	China	44 km
Baise	China	50.8 km
Miri	Malaysia	58.1 km
Basuo	China	61.7 km
Chongzuo	China	62.3 km
Bijie	China	62.3 km
Yibin	China	62.9 km
Xingyi	China	62.9 km
Haiphong	Viet Nam	63.7 km
Kemerovo	Russia	73.7 km

▲ Contents

N O U S A R K		NOUS SAMPLE
Quảng Ngãi	Viet Nam	78.3 km
Anshun	China	79.7 km
Surgut	Russia	80.6 km
Zhaotong	China	81.1 km
Qui Nhon	Viet Nam	86 km
Tomsk	Russia	88.7 km
Chengdu	China	90.4 km
An Nhon	Viet Nam	93.5 km
Bắc Giang	Viet Nam	94.8 km
Zigong	China	99.1 km
Da Nang	Viet Nam	99.3 km
Bắc Ninh	Viet Nam	109.7 km
Novosibirsk	Russia	111.6 km
Sanya	China	112.8 km
Thái Nguyên	Viet Nam	115.4 km
Ziyang	China	119.6 km
Gia Lâm	Viet Nam	129.7 km
Nam Định	Viet Nam	130 km
Mianzhu, Deyang, Sichuan	China	131.9 km
Long Bien	Viet Nam	132.9 km
Fangchenggang	China	133.9 km
Neijiang	China	134.7 km
Deyang	China	137.5 km
Hai Bà Trưng	Viet Nam	138.8 km
Hanoi	Viet Nam	139 km
Luzhou	China	139.4 km
Đồng Đa	Viet Nam	141 km
Cầu Giấy	Viet Nam	142.6 km
Thanh Xuân	Viet Nam	144.2 km
Zhangye	China	144.3 km
Bắc Từ Liêm	Viet Nam	146.5 km
Huế	Viet Nam	146.6 km
Xining	China	147.1 km
Nha Trang	Viet Nam	147.2 km
Balikpapan	Indonesia	148.5 km

P

Pluto

POWER · TRANSFORMATION

Midheaven (MC) — overhead · Sag · 13 towns within orb

TOWN	COUNTRY	TO THE LINE
Castelo Branco	Portugal	28.5 km
Ribeira Grande	Portugal	29.7 km
Angústias	Portugal	35.7 km
Horta	Portugal	36.1 km
Madalena	Portugal	44.8 km
Cais do Pico	Portugal	62.7 km
São Roque do Pico	Portugal	63.9 km
Lajes	Portugal	68.8 km
Velas	Portugal	72.3 km
Calheta	Portugal	89 km
Santa Cruz da Graciosa	Portugal	89.4 km
Ribeira Seca	Portugal	92 km
Santa Bárbara	Portugal	147.7 km

Nadir (IC) — underfoot · Sag · 60 towns within orb

TOWN	COUNTRY	TO THE LINE
Kellyville	Australia	0.7 km
Fairfield	Australia	0.8 km
Greystanes	Australia	1.1 km
Cabramatta	Australia	2.2 km
Merrylands	Australia	2.3 km
Seven Hills	Australia	2.3 km
Westmead	Australia	2.7 km
Tamworth	Australia	2.8 km
Liverpool	Australia	3 km
Baulkham Hills	Australia	3.2 km
Castle Hill	Australia	3.8 km
Blacktown	Australia	3.9 km
Parramatta	Australia	4.2 km
Yagoona	Australia	5.7 km
Wollongong	Australia	6 km
Wollongong city centre	Australia	6 km
Bankstown	Australia	6.9 km
Auburn	Australia	6.9 km
Quakers Hill	Australia	6.9 km
Lidcombe	Australia	7.5 km
Cherrybrook	Australia	8.1 km
Carlingford	Australia	8.4 km
Punchbowl	Australia	8.6 km
Magadan	Russia	8.8 km
Greenacre	Australia	9 km
Strathfield	Australia	11.2 km
Epping	Australia	11.4 km
Hornsby	Australia	13 km
Burwood	Australia	13.1 km
Hurstville	Australia	13.2 km
Campsie	Australia	13.3 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Ryde	Australia	13.7 km
Bexley	Australia	14.6 km
Ashfield	Australia	15.2 km
St Clair	Australia	16.1 km
Marrickville	Australia	18.2 km
Saint Ives	Australia	18.6 km
Chatswood	Australia	20.8 km
Sydney	Australia	23 km
Sydney Central Business District	Australia	23 km
Maroubra	Australia	25.4 km
Mosman	Australia	26 km
Glenmore Park	Australia	26.7 km
Randwick	Australia	26.8 km
Gladstone	Australia	30.4 km
Dee Why	Australia	30.5 km
Pittwater	Australia	31.8 km
Cessnock	Australia	37.2 km
Central Coast	Australia	38.3 km
Rockhampton	Australia	46.2 km
Maitland	Australia	56 km
Blue Mountains	Australia	58.1 km
Armidale	Australia	67.7 km
Newcastle	Australia	76.7 km
Kimbe	Papua New Guinea	90.8 km
Toowoomba	Australia	98.1 km
Goulburn	Australia	113.1 km
Bathurst	Australia	127.9 km
Bundaberg	Australia	140.2 km
Kokopo	Papua New Guinea	145.3 km

Ascendant (AC) — rising · Sag · 5 towns within orb

TOWN	COUNTRY	TO THE LINE
Chandler	United States	37 km
Mesa	United States	38.3 km

Phoenix	United States	61.7 km
Tucson	United States	74.6 km
Nogales	Mexico	97.6 km

Descendant (DC) — setting · Sag · 28 towns within orb

TOWN	COUNTRY	TO THE LINE
Al Ain City	United Arab Emirates	0.3 km
Ajman	United Arab Emirates	1.3 km
Sharjah	United Arab Emirates	6.9 km
Saratov	Russia	17.6 km
Dayrah	United Arab Emirates	19.2 km
Penza	Russia	20.1 km
Dubai	United Arab Emirates	23.3 km
Saransk	Russia	26.5 km
Nizhniy Novgorod	Russia	37.8 km
Astrakhan	Russia	52.9 km
Ras Al Khaimah	United Arab Emirates	56.1 km
Yazd	Iran	56.6 km
Sari	Iran	60.6 km
Vologda	Russia	67.6 km
Kostroma	Russia	76.2 km
Baku	Azerbaijan	97.7 km
Qarchak	Iran	99.8 km
Tehran	Iran	105.9 km
Ivanovo	Russia	106.9 km
Sumqayıt	Azerbaijan	109.5 km
Bandar Abbas	Iran	122.1 km
Eslamshahr	Iran	126.2 km
Murmansk	Russia	127.5 km
Abu Dhabi	United Arab Emirates	128.6 km
Qods	Iran	132.4 km
Shahrīār	Iran	138.7 km
Karaj	Iran	139.4 km
Yaroslavl	Russia	139.7 km

THE PARANS

Parans Across Your Latitude

*Planet pairs that share an angle along your latitude — an influence that runs
as a band around the Earth, not a single point*

A paran is two planets standing on an angle at the same instant for a given *latitude*. Its influence is not a point but a band: it runs along that whole latitude, east to west around the Earth, and is strongest where the two lines actually cross (the town shown). These are the parans whose latitude runs closest to your home — the nearer the band, the more it is already part of your ground.

PLANET PAIR (ANGLES)	RUNS ALONG	FROM HOME	PEAKS NEAR
♀ Venus DC & ♆ Neptune MC	51.14° N	on your latitude	Holoby, Ukraine
☿ Mercury DC & ♇ Pluto DC	52.08° N	on your latitude	Novyye Burasy, Russia
☼ Sun AC & ☾ Moon MC	50.59° N	on your latitude	Saint-Augustin, Canada
♃ Jupiter MC & ♅ Uranus DC	52.60° N	125 km north	Usol'ye-Sibirskoye, Russia
☿ Mercury AC & ♄ Saturn IC	52.77° N	144 km north	Happy Valley-Goose Bay, Canada
☾ Moon IC & ♂ Mars DC	52.95° N	163 km north	Gulian, China
♅ Uranus AC & ♇ Pluto MC	52.97° N	166 km north	(no town)
♃ Jupiter DC & ♆ Neptune IC	52.99° N	168 km north	(no town)
♀ Venus MC & ♆ Neptune AC	49.91° N	174 km south	(no town)
☿ Mercury DC & ♂ Mars MC	49.06° N	270 km south	Zhangaqala, Kazakhstan
♀ Venus AC & ♇ Pluto AC	54.61° N	349 km north	Creighton, Canada
☾ Moon MC & ☿ Mercury AC	54.97° N	389 km north	Sheshatshiu, Canada
☼ Sun MC & ♃ Jupiter AC	55.26° N	421 km north	Whitby, United Kingdom
☼ Sun AC & ♄ Saturn IC	47.35° N	460 km south	Cap-aux-Meules, Canada

THE CROSSINGS

Line Crossings

Where two of your lines meet on the Earth and their themes fuse over a single place

NOT FOR PERSONAL USE

Where two of your planetary lines actually cross on the Earth, both planets stand on an angle at once and their themes fuse over one place. Below is every crossing that has towns near it — 45 crossings, 1213 town listings in all. The cities under each were selected by one honest rule: every significant town whose centre lies within a 150 km radius of the crossing point, nearest first. Nothing is picked by hand; the distances are measured great-circle. Each crossing also shows how sharply the two lines meet: the angle between them, from a razor-sharp near-90° cut that pins the influence to one spot, down to a shallow grazing meet whose effect smears along the lines.

 Sun AC × **Moon MC**

crossing at 50.59° N, 58.02° W · 1 town within 150 km · lines meet at 38.1° — broad

TOWN	COUNTRY	TO THE CROSSING
Saint-Augustin	Canada	83.215 km

 Sun DC × **Mars MC**

crossing at 56.93° N, 50.06° E · 62 towns within 150 km · lines meet at 45.8° — broad

TOWN	COUNTRY	TO THE CROSSING
Urzhum	Russia	21.12 km
Mari-Turek	Russia	30.541 km
Arkul'	Russia	39.379 km
Paran'ga	Russia	46.975 km
Mariyets	Russia	47.891 km
Medvedok	Russia	51.446 km
Sernur	Russia	55.213 km
Malmyzh	Russia	59.303 km
Kil'mez'	Russia	61.373 km
Baltasi	Russia	65.343 km
Nema	Russia	69.922 km
Kuzhener	Russia	70.757 km
Nolinsk	Russia	70.77 km

N o u s A R K

[▲ Contents](#)
 NOUS SAMPLE

Novyy Toryal	Russia	80.852 km
Morki	Russia	85.047 km
Shemordan	Russia	85.214 km
Arsk	Russia	93.594 km
Syumsi	Russia	96.878 km
Kukmor	Russia	97.265 km
Sovetskiy	Russia	98.174 km
Sovetsk	Russia	99.24 km
Vyatskiye Polyany	Russia	99.291 km
Suna	Russia	100.79 km
Krasnaya Polyana	Russia	101.459 km
Bogatyie Saby	Russia	105.011 km
Sosnovka	Russia	106.294 km
Bogorodskoye	Russia	108.81 km
Pizhanka	Russia	109.125 km
Azanovo	Russia	114.248 km
Kizner	Russia	115.025 km
Vavozh	Russia	115.648 km
Tyulyachi	Russia	116.148 km
Russkiy Kukmor	Russia	120.387 km
Vysokaya Gora	Russia	122.205 km
Mochalishche	Russia	123.759 km
Uni	Russia	126.306 km
Lubyany	Russia	129.099 km
Uva	Russia	129.726 km
Suslonger	Russia	129.953 km
Surok	Russia	130.056 km
Semenovka	Russia	130.668 km

▲ Contents

NOUS SAMPLE

Orshanka	Russia	131.517 km
Kumëny	Russia	131.77 km
Pestretsy	Russia	133.013 km
Selty	Russia	133.035 km
Verkhoshizhem'ye	Russia	133.168 km
Arbazh	Russia	134.686 km
Yoshkar-Ola	Russia	136.185 km
Krasnogorskiy	Russia	137.006 km
Osinovo	Russia	137.248 km
Yaransk	Russia	138.719 km
Kazan	Russia	139.297 km
Medvedevo	Russia	141.504 km
Staroye Arakchino	Russia	141.906 km
Mozhga	Russia	142.789 km
Nizhneivkino	Russia	144.652 km
Verkhniy Uslon	Russia	145.285 km
Aysha	Russia	146.907 km
Vasil'yevo	Russia	147.53 km
Privolzhskiy	Russia	147.674 km
Tuzha	Russia	148.62 km
Pomary	Russia	149.876 km

☉

Sun AC ×

☿

Mercury AC

crossing at 64.53° N, 25.98° W · 1 town within 150 km · lines meet at 8.5° — grazing

TOWN	COUNTRY	TO THE CROSSING
Ólafsvík	Iceland	115.412 km

○

Sun MC ×

♂

Jupiter AC

crossing at 55.26° N, 0.82° E · 40 towns within 150 km · lines meet at 15.2° — grazing

TOWN	COUNTRY	TO THE CROSSING
Whitby	United Kingdom	126.006 km
Sleights	United Kingdom	130.857 km
Burniston	United Kingdom	132.389 km
Skinningrove	United Kingdom	134.365 km
Scarborough	United Kingdom	134.668 km
Loftus	United Kingdom	135.044 km
Brotton	United Kingdom	136.663 km
Filey	United Kingdom	137.072 km
Saltburn-by-the-Sea	United Kingdom	137.495 km
Marske-by-the-Sea	United Kingdom	139.406 km
Lingdale	United Kingdom	139.544 km
East Ayton	United Kingdom	139.59 km
Skelton	United Kingdom	139.641 km
Redcar	United Kingdom	140.116 km
Boosbeck	United Kingdom	140.428 km
Hunmanby	United Kingdom	141.015 km
Flamborough	United Kingdom	141.153 km
Bempton	United Kingdom	141.375 km
New Marske	United Kingdom	141.423 km
Danby	United Kingdom	141.972 km
Kirkleatham	United Kingdom	142.969 km
Whitburn	United Kingdom	143.659 km

Contents

NOUS SAMPLE

Hartlepool	United Kingdom	144.808 km
Guisborough	United Kingdom	144.886 km
Tynemouth	United Kingdom	145.57 km
Sunderland	United Kingdom	145.968 km
Seaham	United Kingdom	146.025 km
Ryhope	United Kingdom	146.329 km
South Shields	United Kingdom	146.439 km
Whitley Bay	United Kingdom	146.45 km
Bridlington	United Kingdom	146.483 km
North Shields	United Kingdom	147.084 km
East Boldon	United Kingdom	147.598 km
Eston	United Kingdom	148.073 km
Newbiggin-by-the-Sea	United Kingdom	148.627 km
Peterlee	United Kingdom	148.657 km
Blyth	United Kingdom	148.859 km
Easington	United Kingdom	148.95 km
The Boldons	United Kingdom	149.223 km
Murton	United Kingdom	149.514 km

Sun AC

×

Jupiter IC

crossing at 27.14° N, 76.59° W · 4 towns within 150 km · lines meet at 26.1° — broad

TOWN	COUNTRY	TO THE CROSSING
Marsh Harbour	Bahamas	81.366 km
Treasure Cay	Bahamas	85.982 km
Cooper's Town	Bahamas	95.95 km
Hard Bargain	Bahamas	133.223 km

☉ Sun AC × ♄ Saturn IC

crossing at 47.35° N, 61.70° W · 7 towns within 150 km · lines meet at 35.3° — broad

TOWN	COUNTRY	TO THE CROSSING
Cap-aux-Meules	Canada	12.941 km
Souris	Canada	118.775 km
Ingonish	Canada	124.21 km
Inverness	Canada	127.648 km
Mabou	Canada	144.52 km
Three Rivers	Canada	145.584 km
Port Hood	Canada	148.602 km

☉ Sun DC × ♅ Uranus MC

crossing at 62.22° N, 37.01° E · 14 towns within 150 km · lines meet at 57.1° — clean

TOWN	COUNTRY	TO THE CROSSING
Pudozh	Russia	52.541 km
Shal'skiy	Russia	70.115 km
Shun'ga	Russia	114.923 km
Konëvo	Russia	121.226 km
Sheltozero	Russia	128.538 km
Kargopol'	Russia	129.12 km
Kvartsitnyy	Russia	131.987 km
Povenets	Russia	132.876 km
Vytegra	Russia	138.149 km

Nous ARK

Contents
NOUS SAMPLE

Kondopoga	Russia	142.848 km
Yanishpole	Russia	143.501 km
Pindushi	Russia	147.432 km
Petrozavodsk	Russia	147.802 km
Shuya	Russia	148.291 km

Sun DC × ♆ Neptune MC

crossing at 65.02° N, 24.97° E · 101 towns within 150 km · lines meet at 67.9° — clean

TOWN	COUNTRY	TO THE CROSSING
Pateniemi	Finland	21.757 km
Rajakylä	Finland	21.864 km
Taskila	Finland	22 km
Kello	Finland	22.049 km
Lumijoki	Finland	22.25 km
Herukka	Finland	22.306 km
Toppila	Finland	22.338 km
Koskela	Finland	22.525 km
Oulunsalo	Finland	22.584 km
Hollihaka	Finland	22.78 km
Alppila	Finland	23.09 km
Leveri	Finland	23.241 km
Limingantulli	Finland	23.305 km
Oulu	Finland	23.372 km
Vanhatulli	Finland	23.44 km
Tuira	Finland	23.512 km
Pokkinen	Finland	23.577 km

▲ Contents

NOUS SAMPLE

N o u s A R K		
Linnanmaa	Finland	23.698 km
Välivainio	Finland	23.919 km
Vaara	Finland	24.052 km
Myllytulli	Finland	24.075 km
Puolivälinkangas	Finland	24.326 km
Kaijonharju	Finland	24.442 km
Karjasilta	Finland	24.497 km
Siikajoki	Finland	24.548 km
Raksila	Finland	24.565 km
Höyhtyä	Finland	24.783 km
Intiö	Finland	24.809 km
Pyykösjärvi	Finland	24.848 km
Mäntylä	Finland	24.999 km
Laanila	Finland	25.254 km
Haukipudas	Finland	25.34 km
Kuivasjärvi	Finland	25.438 km
Kiviniemi	Finland	25.452 km
Peltola	Finland	25.55 km
Värttö	Finland	25.69 km
Kaukovainio	Finland	25.86 km
Hiironen	Finland	26.175 km
Oulunsuu	Finland	26.185 km
Kynsilehto	Finland	26.763 km
Kaakkuri	Finland	27.036 km
Martinniemi	Finland	27.086 km
Myllyoja	Finland	27.364 km
Kempele	Finland	27.541 km
Maikkula	Finland	28.342 km

▲ Contents

NOUS SAMPLE

N o u s A R K		
Korvensuora	Finland	28.604 km
Hiukkavaara	Finland	28.831 km
Talvikangas	Finland	29.577 km
Heikkilänkangas	Finland	30.726 km
Liminka	Finland	31.047 km
Jääli	Finland	34.653 km
Ii	Finland	38.564 km
Ruukki	Finland	39.332 km
Kiiminki	Finland	40.912 km
Tyrnävä	Finland	42.629 km
Raahe	Finland	43.681 km
Muhos	Finland	53.55 km
Yli-Ii	Finland	57.036 km
Vihanti	Finland	59.156 km
Ylikiiinki	Finland	60.631 km
Kuivaniemi	Finland	63.597 km
Rantsila	Finland	65.624 km
Pyhäjoki	Finland	70.57 km
Simo	Finland	72.721 km
Utajärvi	Finland	74.107 km
Kemi	Finland	82.625 km
Merijärvi	Finland	83.558 km
Oulainen	Finland	83.864 km
Lautiosaari	Finland	89.285 km
Keminmaa	Finland	89.897 km
Pulkkila	Finland	93.766 km
Kestilä	Finland	96.904 km
Kalajoki	Finland	98.333 km

Contents

NOUS SAMPLE

Haparanda	Sweden	99.343 km
Pudasjärvi	Finland	99.85 km
Alavieska	Finland	99.937 km
Haapavesi	Finland	100.12 km
Tornio	Finland	100.461 km
Vaala	Finland	101.622 km
Marielund	Sweden	101.722 km

 Sun DC ×  Pluto DC

crossing at 61.55° N, 39.12° E · 16 towns within 150 km · lines meet at 30.7° — broad

TOWN	COUNTRY	TO THE CROSSING
Kargopol'	Russia	10.474 km
Voloshka	Russia	57.162 km
Nyandoma	Russia	59.589 km
Konëvo	Russia	64.071 km
Konosha	Russia	89.048 km
Shalakusha	Russia	95.904 km
Yertsevo	Russia	98.932 km
Podyuga	Russia	106.475 km
Oksovskiy	Russia	124.426 km
Ust'-Shonosha	Russia	127.049 km
Solginskiy	Russia	131.669 km
Vozhega	Russia	134.219 km
Puksoozero	Russia	139.491 km
Pudozh	Russia	140.012 km
Plesetsk	Russia	143.049 km

Mirnyy	Russia	149.396 km
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☾ Moon MC × ♂ Mars AC

crossing at 52.95° S, 58.02° W · 1 town within 150 km · lines meet at 22.2° — grazing

TOWN	COUNTRY	TO THE CROSSING
Stanley	Falkland Islands	139.653 km

☾ Moon IC × ♂ Mars DC

crossing at 52.95° N, 121.98° E · 8 towns within 150 km · lines meet at 22.2° — grazing

TOWN	COUNTRY	TO THE CROSSING
Gulian	China	24.11 km
Tuqiang	China	52.962 km
Amu'er Jingtao Shequ	China	79.022 km
Xilinji	China	84.302 km
Yerofey Pavlovich	Russia	113.095 km
Amazar	Russia	125.451 km
Pangu	China	126.187 km
Urusha	Russia	136.905 km

☾ Moon DC × ♀ Mercury DC

crossing at 64.68° N, 7.97° E · 3 towns within 150 km · lines meet at 48.9° — broad

TOWN	COUNTRY	TO THE CROSSING
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Contents

NOUS SAMPLE

Å i Åfjord	Norway	135.02 km
Botngård	Norway	135.148 km
Brekstad	Norway	137.592 km

☾ Moon DC × ♀ Venus DC

crossing at 61.82° N, 10.92° E · 29 towns within 150 km · lines meet at 18.5° — grazing

TOWN	COUNTRY	TO THE CROSSING
Koppang	Norway	27.942 km
Alvdal	Norway	35.94 km
Tynset	Norway	51.79 km
Vinstra	Norway	66.68 km
Otta	Norway	73.357 km
Rena	Norway	79.857 km
Lillehammer	Norway	81.795 km
Røros	Norway	87.91 km
Innbygda	Norway	90.535 km
Vågåmo	Norway	96.385 km
Dombås	Norway	98.553 km
Moelv	Norway	99.07 km
Brumunddal	Norway	104.192 km
Oppdal	Norway	107.855 km
Elverum	Norway	109.564 km
Løten	Norway	113.295 km
Hamar	Norway	114.087 km
Gjøvik	Norway	114.355 km
Dokka	Norway	118.386 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Raufoss	Norway	122.578 km
Stange	Norway	123.205 km
Fossbergom	Norway	124.076 km
Lena	Norway	127.394 km
Reinsvoll	Norway	127.631 km
Hov	Norway	128.207 km
Fagernes	Norway	129.264 km
Skreia	Norway	129.637 km
Våler	Norway	136.632 km
Vang	Norway	146.998 km

☾ Moon MC × ☿ Uranus AC
crossing at 15.99° S, 58.02° W · 18 towns within 150 km · lines meet at 17.7° — grazing

TOWN	COUNTRY	TO THE CROSSING
Mirassol d'Oeste	Brazil	35.309 km
Cáceres	Brazil	37.376 km
Glória d'Oeste	Brazil	39.596 km
Curvelândia	Brazil	43.724 km
São José dos Quatro Marcos	Brazil	43.892 km
Porto Esperidião	Brazil	49.705 km
San Matías	Bolivia	58.144 km
Araputanga	Brazil	67.475 km
Lambari d'Oeste	Brazil	73.441 km
Indiavaí	Brazil	80.71 km
Rio Branco	Brazil	83.226 km
Salto do Céu	Brazil	95.573 km

▲ Contents

NOUS SAMPLE

Figueirópolis dOeste	Brazil	97.987 km
Reserva do Cabaçal	Brazil	103.403 km
Porto Estrela	Brazil	111.996 km
Jauru	Brazil	115.676 km
Barra do Bugres	Brazil	135.218 km
Vale de São Domingos	Brazil	135.952 km

☾ Moon IC × ☿ Uranus DC

crossing at 15.99° N, 121.98° E · 333 towns within 150 km · lines meet at 17.7° — grazing

TOWN	COUNTRY	TO THE CROSSING
Dumabato	Philippines	47.394 km
Nagtipunan	Philippines	48.199 km
Maddela	Philippines	50.533 km
Suklayin	Philippines	52.821 km
Maria Aurora	Philippines	58.436 km
Minuri	Philippines	61.876 km
Masaya Sur	Philippines	62.121 km
Dibuluan	Philippines	63.335 km
Aglipay	Philippines	66.256 km
Jones	Philippines	69.831 km
Alfonso Castañeda	Philippines	75.41 km
Pangal Sur	Philippines	75.68 km
Saguday	Philippines	76.091 km
Cabarroguis	Philippines	76.151 km
Belance	Philippines	81.353 km
San Guillermo	Philippines	83.788 km

▲ Contents

NOUS SAMPLE

N o u s A R K		
Dicamay	Philippines	85.147 km
Soyung	Philippines	85.896 km
Echague	Philippines	85.956 km
Batal	Philippines	87.615 km
Ramos West	Philippines	88.064 km
Angadanan	Philippines	88.64 km
Santiago	Philippines	90.399 km
General Luna	Philippines	90.63 km
Gabaldon	Philippines	90.917 km
Ligaya	Philippines	91.387 km
Dingalan	Philippines	91.461 km
Bagong-Sikat	Philippines	91.572 km
Pantabangan	Philippines	91.866 km
Conversion	Philippines	92.068 km
Alicia	Philippines	92.845 km
Siclong	Philippines	92.901 km
Malasin	Philippines	92.923 km
Rizal	Philippines	92.966 km
Cordon	Philippines	94.019 km
Antipolo	Philippines	94.229 km
Quezon	Philippines	95.311 km
Gappal	Philippines	95.573 km
Laur	Philippines	96.429 km
Burgos	Philippines	96.461 km
Buliwao	Philippines	97.144 km
Macapsing	Philippines	97.332 km
Bongabon	Philippines	97.983 km
Carranglan	Philippines	98.38 km

▲ Contents

NOUS SAMPLE

N o u s A R K		
Cabulay	Philippines	98.672 km
Rizal	Philippines	98.712 km
Mabasa	Philippines	98.789 km
Cabog	Philippines	99.17 km
Malasin	Philippines	100.123 km
Dupax Del Norte	Philippines	100.255 km
Sagana	Philippines	100.296 km
Burgos	Philippines	100.312 km
Ramon	Philippines	100.357 km
Sillawit	Philippines	100.94 km
Dupax del Sur	Philippines	101.024 km
San Fernando	Philippines	101.244 km
Del Pilar	Philippines	101.291 km
San Antonio	Philippines	101.71 km
Sapang Buho	Philippines	101.885 km
Ineangan	Philippines	101.975 km
Tuao	Philippines	102.144 km
Agbannawag	Philippines	102.19 km
Baggabag B	Philippines	102.361 km
Paco Roman	Philippines	102.492 km
Pinoma	Philippines	102.524 km
Tayabo	Philippines	103.311 km
Almaguer North	Philippines	103.316 km
Bambang	Philippines	103.601 km
Porais	Philippines	103.897 km
Solano	Philippines	103.974 km
Minante Segundo	Philippines	104 km
Bayombong	Philippines	104.517 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Umiray	Philippines	104.634 km
Estrella	Philippines	105.011 km
Nagrumbuan	Philippines	105.121 km
Salinungan Proper	Philippines	105.246 km
Diadi	Philippines	105.527 km
Banganan	Philippines	105.697 km
Piñahan	Philippines	106.388 km
Puncan	Philippines	106.577 km

☾ Moon IC × ♆ Neptune DC

crossing at 19.30° S, 121.98° E · 1 town within 150 km · lines meet at 20.4° — grazing

TOWN	COUNTRY	TO THE CROSSING
Roebuck	Australia	136.313 km

☾ Moon DC × ♆ Neptune MC

crossing at 32.37° N, 24.97° E · 6 towns within 150 km · lines meet at 12.9° — grazing

TOWN	COUNTRY	TO THE CROSSING
Al Bardīyah	Libya	68.707 km
Kambūt	Libya	69.415 km
Umm Sā`ad	Libya	84.42 km
As Sallūm	Egypt	91.993 km
Tobruk	Libya	100.861 km
Sīdī Barānī	Egypt	123.065 km

 Mars MC × **Mercury DC**

crossing at 49.06° N, 50.06° E · 6 towns within 150 km · lines meet at 39.1° — broad

TOWN	COUNTRY	TO THE CROSSING
Zhangaqala	Kazakhstan	24.674 km
Zhumysker	Kazakhstan	56.941 km
Kaztalovka	Kazakhstan	126.891 km
Inderbor	Kazakhstan	138.772 km
Shalkar	Kazakhstan	142.119 km
Chapayev	Kazakhstan	149.576 km

 Mars AC × **Venus MC**

crossing at 2.67° S, 40.57° W · 43 towns within 150 km · lines meet at 13.2° — grazing

TOWN	COUNTRY	TO THE CROSSING
Jijoca de Jericoacoara	Brazil	28.595 km
Camocim	Brazil	39.952 km
Cruz	Brazil	52.012 km
Acaraú	Brazil	55.508 km
Granja	Brazil	57.773 km
Bela Cruz	Brazil	61.616 km
Martinópolis	Brazil	63.457 km
Marco	Brazil	69.039 km
Uruoca	Brazil	71.631 km
Barroquinha	Brazil	74.134 km
Senador Sá	Brazil	76.58 km

▲ Contents

NOUS SAMPLE

N o u s A R K		
Itarema	Brazil	77.96 km
Morrinhos	Brazil	79.472 km
Chaval	Brazil	85.323 km
Moraújo	Brazil	89.376 km
Cajueiro da Praia	Brazil	90.158 km
Santana do Acaraú	Brazil	96.377 km
Meruoca	Brazil	97.632 km
Massapê	Brazil	97.999 km
Coreaú	Brazil	98.324 km
Alcântaras	Brazil	102.06 km
Amontada	Brazil	112.397 km
Viçosa do Ceará	Brazil	114.884 km
Sobral	Brazil	115.382 km
Miraíma	Brazil	120.038 km
Frecheirinha	Brazil	124.033 km
Luís Correia	Brazil	124.325 km
Juá dos Vieiras	Brazil	125.679 km
Tianguá	Brazil	126.891 km
Forquilha	Brazil	129.797 km
Bom Princípio do Piauí	Brazil	132.873 km
Parnaíba	Brazil	136.84 km
Ubajara	Brazil	137.094 km
Mucambo	Brazil	138.883 km
Groaíras	Brazil	139.439 km
Ilha Grande	Brazil	140.26 km
Cocal	Brazil	141.46 km
Cocal dos Alves	Brazil	141.896 km
Cariré	Brazil	142.418 km

Itapipoca	Brazil	143.208 km
Ibiapina	Brazil	143.497 km
Pacujá	Brazil	146.004 km
Irauçuba	Brazil	147.937 km

♂ Mars DC × ♄ Saturn MC

crossing at 57.70° N, 118.30° E · 2 towns within 150 km · lines meet at 25.3° — broad

TOWN	COUNTRY	TO THE CROSSING
Chara	Russia	89.11 km
Novaya Chara	Russia	100.953 km

♂ Mars MC × ♅ Uranus DC

crossing at 72.55° N, 50.06° E · 1 town within 150 km · lines meet at 77.5° — razor-sharp

TOWN	COUNTRY	TO THE CROSSING
Belush'ya Guba	Russia	137.667 km

♂ Mars MC × ♇ Pluto DC

crossing at 43.18° N, 50.06° E · 5 towns within 150 km · lines meet at 15.7° — grazing

TOWN	COUNTRY	TO THE CROSSING
Aktau	Kazakhstan	105.19 km
Umirzak	Kazakhstan	106.684 km
Mangistau	Kazakhstan	117.248 km

Kuryk	Kazakhstan	132.131 km
Fort-Shevchenko	Kazakhstan	148.449 km

 Mars AC × **Pluto MC**

crossing at 38.92° N, 29.04° W · 13 towns within 150 km · lines meet at 17° — grazing

TOWN	COUNTRY	TO THE CROSSING
Castelo Branco	Portugal	52.474 km
Ribeira Grande	Portugal	53.619 km
Horta	Portugal	55.656 km
Angústias	Portugal	56.384 km
Madalena	Portugal	61.7 km
Cais do Pico	Portugal	76.403 km
Velas	Portugal	76.953 km
São Roque do Pico	Portugal	77.921 km
Lajes	Portugal	89.988 km
Santa Cruz da Graciosa	Portugal	91.617 km
Calheta	Portugal	95.676 km
Ribeira Seca	Portugal	98.553 km
Santa Bárbara	Portugal	149.931 km

 Mercury AC × **Jupiter IC**

crossing at 39.27° N, 76.59° W · 1173 towns within 150 km · lines meet at 32.3° — broad

TOWN	COUNTRY	TO THE CROSSING
Locust Point	United States	0.362 km

▲ Contents

NOUS SAMPLE

Nous ARK

Fells Point	United States	1.109 km
Riverside	United States	1.196 km
Inner Harbor	United States	1.67 km
Federal Hill	United States	1.722 km
Upper Fells Point	United States	1.74 km
South Baltimore	United States	1.919 km
Butcher's Hill	United States	1.923 km
Washington Hill	United States	2.103 km
Sharp-Leadenhall	United States	2.179 km
Jonestown	United States	2.223 km
Otterbein	United States	2.248 km
Canton	United States	2.435 km
Patterson Place	United States	2.489 km
Baltimore	United States	2.573 km
Highlandtown	United States	2.593 km
Old Town	United States	2.67 km
Patterson Park Neighborhood	United States	2.731 km
Brewers Hill	United States	2.765 km
Downtown	United States	2.802 km
McElderry Park	United States	2.901 km
Penn-Fallsway	United States	3.077 km
Gay Street	United States	3.193 km
Middle East	United States	3.219 km
Milton-Montford	United States	3.223 km
Ellwood Park/Monument	United States	3.264 km
Baltimore Highlands	United States	3.275 km
Mount Vernon	United States	3.4 km
Madison-Eastend	United States	3.42 km

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NOUS SAMPLE

NOUS ARK

Washington Village/Pigtown	United States	3.535 km
Johnston Square	United States	3.611 km
Greektown	United States	3.634 km
Seton Hill	United States	3.764 km
Hollins Market	United States	3.832 km
Westport	United States	3.851 km
Oliver	United States	3.967 km
Broadway East	United States	3.995 km
Medford	United States	4 km
Poppleton	United States	4.008 km
Mid-Town Belvedere	United States	4.039 km
Cherry Hill	United States	4.082 km
Berea	United States	4.306 km
Greenmount West	United States	4.318 km
New Southwest/Mount Clare	United States	4.359 km
Union Square	United States	4.468 km
Madison Park	United States	4.607 km
Upton	United States	4.616 km
Charles North	United States	4.698 km
Franklin Square	United States	4.725 km
Brooklyn	United States	4.755 km
Broening Manor	United States	4.766 km
East Baltimore Midway	United States	4.77 km
Bayview	United States	4.79 km
Harlem Park	United States	4.819 km
Bolton Hill	United States	4.82 km
Carrollton Ridge	United States	4.937 km
Barclay	United States	4.962 km
Armistead Gardens	United States	4.962 km

Contents

NOUS SAMPLE

Curtis Bay	United States	5.109 km
Lakeland	United States	5.239 km
Graceland Park	United States	5.254 km
Brooklyn Park	United States	5.303 km
Orchard Ridge	United States	5.414 km
Druid Heights	United States	5.49 km
Sandtown-Winchester	United States	5.498 km
Millhill	United States	5.556 km
Harwood	United States	5.573 km
Midtown-Edmondson	United States	5.584 km
Coldstream Homestead Montebello	United States	5.59 km
Reservoir Hill	United States	5.72 km
Shipley Hill	United States	5.735 km
Baltimore Highlands	United States	5.776 km
Better Waverly	United States	5.842 km
Remington	United States	5.87 km
Charles Village	United States	5.877 km
Morrell Park	United States	5.918 km
Penrose/Fayette Street Outreach	United States	5.922 km
Rosemont Homeowners/Tenants	United States	6.071 km
Penn North	United States	6.125 km
Bridgeview/Greenlawn	United States	6.21 km

☿ Mercury AC × ♄ Saturn IC

crossing at 52.77° N, 61.70° W · 2 towns within 150 km · lines meet at 43.1° — broad

TOWN	COUNTRY	TO THE CROSSING
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Happy Valley-Goose Bay	Canada	109.494 km
Sheshatshiu	Canada	133.106 km

♿ Mercury AC × ⚙ Uranus AC

crossing at 65.56° N, 10.63° W · 1 town within 150 km · lines meet at 42.9° — broad

TOWN	COUNTRY	TO THE CROSSING
Neskaupstaður	Iceland	149.447 km

♿ Mercury DC × ⚙ Uranus MC

crossing at 57.11° N, 37.01° E · 199 towns within 150 km · lines meet at 49.6° — broad

TOWN	COUNTRY	TO THE CROSSING
Il'inskoye	Russia	18.994 km
Kimry	Russia	33.599 km
Belyy Gorodok	Russia	34.289 km
Vinogradovo	Russia	38.026 km
Dubna	Russia	42.489 km
Kashin	Russia	45.31 km
Konakovo	Russia	47.836 km
Kalyazin	Russia	51.555 km
Taldom	Russia	52.563 km
Orsha	Russia	52.607 km
Kesova Gora	Russia	55.411 km
Severnyy	Russia	57.093 km

▲ Contents

NOUS SAMPLE

Radchenko	Russia	61.865 km
Gorodnya	Russia	61.909 km
Sakharovo	Russia	63.126 km
Rameshki	Russia	64.12 km
Zaprudnya	Russia	65.71 km
Emmaus	Russia	65.919 km
Vasil'yevskiy Mokh	Russia	67.343 km
Redkino	Russia	67.605 km
Novo-Nikol'skoye	Russia	68.316 km
Zavidovo	Russia	70.647 km
Novozavidovskiy	Russia	71.773 km
Izoplit	Russia	72.453 km
Tver	Russia	73.305 km
Verbilki	Russia	73.523 km
Spas-Zaulok	Russia	74.986 km
Sonkovo	Russia	75.331 km
Rogachëvo	Russia	76.044 km
Zhukovka	Russia	76.259 km
Bezhetsk	Russia	77.383 km
Reshetnikovo	Russia	78.457 km
Shevlyakovo	Russia	79.953 km
Kozlovo	Russia	80.756 km
Ol'yavidovo	Russia	81.213 km
Orud'yevo	Russia	81.784 km
Bogorodskoye	Russia	81.887 km
Novosin'kovo	Russia	83.846 km
Shaburnovo	Russia	83.896 km
Gorshkovo	Russia	85.354 km

▲ Contents

NOUS SAMPLE

NousARK

Rybnoye	Russia	86.021 km
Avtopoligon	Russia	86.757 km
Konstantinovo	Russia	88.095 km
Klin	Russia	88.442 km
Budenovetc	Russia	89.583 km
Dmitrov	Russia	90.685 km
Uglich	Russia	91.25 km
Shemëtovo	Russia	91.675 km
Vysokovsk	Russia	92.837 km
Likhoslavl’	Russia	93.932 km
Yakhroma	Russia	94.164 km
Bogorodskoye	Russia	98.57 km
Zagorskie Dali	Russia	99.954 km
Dedenëvo	Russia	101.398 km
Maksatikha	Russia	102.301 km
gorod Solnetchnogorsk	Russia	102.955 km
Krasnozavodsk	Russia	104.031 km
Solnechnogorsk	Russia	104.151 km
Peresvet	Russia	104.413 km
Podosinki	Russia	105.613 km
Krasnyy Kholm	Russia	106.143 km
Krivtsovo	Russia	107.233 km
Semenkovo	Russia	107.767 km
Iksha	Russia	108.594 km
Novyy Nekouz	Russia	108.635 km
Skoropuskovskiy	Russia	108.754 km
Peshki	Russia	108.833 km
Svatkovo	Russia	109.371 km

Contents

NOUS SAMPLE

Kalashnikovo	Russia	109.653 km
Yermolino	Russia	110.979 km
Semkhoz	Russia	112.401 km
Sergiyev Posad	Russia	112.428 km
Khot'kovo	Russia	112.435 km
Mikulino	Russia	113.044 km
Lozhki	Russia	113.327 km
Myshkin	Russia	114.902 km
Povarovo	Russia	116.229 km
Radumlya	Russia	116.245 km
Nudol'	Russia	116.577 km
Muranovo	Russia	116.637 km



Mercury AC × ♆ Neptune AC

crossing at 65.42° N, 15.40° W · 8 towns within 150 km · lines meet at 31.3° — broad

TOWN	COUNTRY	TO THE CROSSING
Egilsstaðir	Iceland	49.755 km
Reyðarfjörður	Iceland	70.051 km
Eskifjörður	Iceland	75.273 km
Neskaupstaður	Iceland	85.573 km
Laugar	Iceland	97.193 km
Norðurþing	Iceland	112.908 km
Akureyri	Iceland	127.639 km
Höfn	Iceland	130.002 km

☿ **Mercury DC** × ♆ **Neptune MC**

crossing at 61.47° N, 24.97° E · 468 towns within 150 km · lines meet at 60° — clean

TOWN	COUNTRY	TO THE CROSSING
Kuhmoinen	Finland	15.509 km
Auttoinen	Finland	20.107 km
Luopioinen	Finland	20.216 km
Padasjoki	Finland	21.358 km
Kuhmalahden Kirkonkylä	Finland	22.276 km
Sahalahti	Finland	34.435 km
Tuulos	Finland	36.902 km
Sysmä	Finland	38.014 km
Hauho	Finland	39.8 km
Asikkala	Finland	39.971 km
Orivesi	Finland	40.014 km
Pälkäne	Finland	40.391 km
Lammi	Finland	43.219 km
Jämsä	Finland	45.351 km
Kangasala	Finland	47.799 km
Juupajoki	Finland	48.602 km
Hämeenkoski	Finland	50.907 km
Jämsänkoski	Finland	51.053 km
Hollola	Finland	52.992 km
Olkahinen	Finland	55.154 km
Valkeakoski	Finland	55.346 km
Holvasti	Finland	55.709 km
Tasanne	Finland	55.956 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Vehmainen	Finland	56.195 km
Atala	Finland	56.889 km
Hartola	Finland	56.96 km
Leinola	Finland	57.133 km
Linnainmaa	Finland	57.948 km
Kaukajärvi	Finland	57.977 km
Hervantajärvi	Finland	58.737 km
Pappila	Finland	58.863 km
Hervanta kaakko	Finland	59.005 km
Hervanta koillinen	Finland	59.282 km
Viiala	Finland	59.491 km
Hämeenlinna	Finland	59.517 km
Etelä-Hervanta	Finland	59.586 km
Hollola	Finland	59.602 km
Takahuhti	Finland	59.658 km
Hervanta	Finland	59.75 km
Ristinarkku	Finland	59.877 km
Pohjois-Hervanta	Finland	60.018 km
Lukonmäki	Finland	60.06 km
Hervanta lounas	Finland	60.237 km
Huikas	Finland	60.506 km
Ruotula	Finland	60.602 km
Hervanta luode	Finland	60.681 km
Hallila	Finland	60.947 km
Uusikylä	Finland	61 km
Korkinmäki	Finland	61.05 km
Muotiala	Finland	61.436 km
Kalvola	Finland	61.472 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Kissanmaa	Finland	61.698 km
Kalevanrinne	Finland	61.978 km
Veisu	Finland	62.017 km
Jokipohja	Finland	62.057 km
Vuores	Finland	62.066 km
Kaleva	Finland	62.26 km
Järvensivu	Finland	62.407 km
Petsamo	Finland	62.78 km
Nekala	Finland	62.88 km
Kämmenniemi	Finland	62.915 km
Koivistonkylä	Finland	62.958 km
Liisankallio	Finland	62.962 km
Tampere	Finland	63.238 km
Kalevanharju	Finland	63.34 km
Viinikka	Finland	63.464 km
Tulli	Finland	63.618 km
Tammela B	Finland	63.639 km
Tammela	Finland	63.653 km
Tammela A	Finland	63.66 km
Osmonmäki	Finland	63.684 km
Lapinniemi	Finland	63.872 km
Kyttälä	Finland	64.177 km
Etelä-Kyttälä	Finland	64.184 km
Juhannuskylä	Finland	64.199 km
Pohjois-Kyttälä	Finland	64.228 km
Heinola	Finland	64.23 km
Ratina	Finland	64.387 km
Tampella	Finland	64.388 km

Hatanpää	Finland	64.499 km
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♿ Mercury DC × ♇ Pluto DC

crossing at 52.08° N, 45.96° E · 70 towns within 150 km · lines meet at 23.5° — grazing

TOWN	COUNTRY	TO THE CROSSING
Novyye Burasy	Russia	9.538 km
Bazarnyy Karabulak	Russia	37.718 km
Svobodnyy	Russia	39.459 km
Yelshanka	Russia	42 km
Petrovsk	Russia	46.894 km
Sinodskoye	Russia	49.376 km
Svetlyy	Russia	50.598 km
Khvatovka	Russia	50.981 km
Tatishchevo	Russia	51.935 km
Sokolovyy	Russia	57.484 km
Krasnyy Yar	Russia	59.114 km
Saratov	Russia	59.917 km
Shumeyka	Russia	60.566 km
Lopatino	Russia	61.062 km
Krasnyy Oktyabr'	Russia	62.564 km
Baltay	Russia	62.593 km
Engels	Russia	66.896 km
Marks	Russia	67.619 km
Privolzhskoye	Russia	67.706 km
Sennoy	Russia	68.873 km
Atkarsk	Russia	69.446 km

Voskresenskoye	Russia	72.657 km
Privolzhskiy	Russia	74.695 km
Podlesnoye	Russia	77.535 km
Verkhozim	Russia	79.7 km
Malaya Serdoba	Russia	81.497 km
Shikhany	Russia	84.698 km
Russkiy Kameshkir	Russia	87.292 km
Sovetskoye	Russia	88.871 km
Cherkasskoye	Russia	93.582 km
Neverkino	Russia	94.749 km
Lysyye Gory	Russia	97.291 km
Vol'sk	Russia	97.351 km
Shemysheyka	Russia	98.471 km
Stepnoye	Russia	98.893 km
Kondol'	Russia	102.866 km
Pavlovka	Russia	105.105 km
Srednyaya Yelyuzan'	Russia	105.198 km
Tersa	Russia	107.959 km
Yekaterinovka	Russia	111.028 km
Sursk	Russia	112.518 km
Makhalino	Russia	113.362 km
Pushkino	Russia	117.022 km
Kanayevka	Russia	117.726 km
Chaadayevka	Russia	118.447 km
Krasnoarmeysk	Russia	118.869 km
Kolyshley	Russia	119.309 km
Kalininsk	Russia	121.31 km
Poselki	Russia	122.788 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Kuznetsk	Russia	123.279 km
Zarechnyy	Russia	124.614 km
Balakovo	Russia	125.816 km
Serdobsk	Russia	126.565 km
Zasechnoye	Russia	129.405 km
Inderka	Russia	131.672 km
Staraya Kulatka	Russia	133.999 km
Gorodishche	Russia	134.575 km
Zarechnyy	Russia	135.643 km
Sosnovoborsk	Russia	136.221 km
Kamenskiy	Russia	136.826 km
Chemodanovka	Russia	137.16 km
Penza	Russia	140.058 km
Mokrous	Russia	142.317 km
Kormëzhka	Russia	142.329 km
Alekseyevka	Russia	143.22 km
Krasnyy Kut	Russia	143.609 km
Nikolayevka	Russia	144.374 km
Rovnoye	Russia	145.086 km
Zhirnovsk	Russia	147.462 km
Bogoslovka	Russia	148.32 km

♃ Jupiter MC × ♅ Uranus DC

crossing at 52.60° N, 103.41° E · 40 towns within 150 km · lines meet at 28.8° — broad

TOWN	COUNTRY	TO THE CROSSING
Usol'ye-Sibirskoye	Russia	23.051 km

Tel'ma	Russia	23.265 km
Belorechenskiy	Russia	24.47 km
Tayturka	Russia	29.748 km
Sredniy	Russia	32.162 km
Mishelevka	Russia	32.386 km
Kitoy	Russia	33.406 km
Angarsk	Russia	34.726 km
Mikhaylovka	Russia	40.365 km
Meget	Russia	48.418 km
Svirsk	Russia	54.389 km
Urik	Russia	58.746 km
Chistyie Klyuchi	Russia	60.069 km
Baklashi	Russia	60.169 km
Smolenshchina	Russia	62.189 km
Shelekhov	Russia	63.9 km
Cheremkhovo	Russia	64.331 km
Shamanka	Russia	65.627 km
Bokhan	Russia	65.783 km
Irkutsk	Russia	69.183 km
Khomutovo	Russia	69.276 km
Markova	Russia	70.692 km
Oyëk	Russia	71.082 km
Dzerzhinsk	Russia	75.741 km
Pivovarikha	Russia	79.791 km
Pad' Mel'nichnaya	Russia	82.569 km
Osa	Russia	92.357 km
Kutulik	Russia	93.222 km
Ust'-Ordynskiy	Russia	93.403 km

▲ Contents

NOUS SAMPLE

Kultuk	Russia	100.218 km
Slyudyanka	Russia	106.822 km
Bol'shaya Rechka	Russia	115.896 km
Zhemchug	Russia	120.991 km
Zalari	Russia	122.122 km
Utulik	Russia	125.893 km
Listvyanka	Russia	130.202 km
Novonukutskiy	Russia	130.789 km
Baykal'sk	Russia	131.175 km
Kyren	Russia	134.285 km
Tyret' Pervaya	Russia	139.53 km

SAMPLE



Jupiter MC ×



Neptune DC

crossing at 29.91° N, 103.41° E · 15 towns within 150 km · lines meet at 22.3° — grazing

NOT FOR PERSONAL USE

TOWN	COUNTRY	TO THE CROSSING
Ya'an	China	40.261 km
Meishan	China	44.078 km
Leshan	China	51.734 km
Linqiong	China	56.334 km
Luocheng	China	83.726 km
Chengdu	China	105.199 km
Ziyang	China	122.001 km
Tianpeng	China	129.862 km
Guanyin	China	131.281 km
Juexi	China	137.17 km
Kangding	China	140.348 km

Contents

NOUS SAMPLE

Chonglong	China	140.395 km
Zigong	China	146.861 km
Baihua	China	147.468 km
Kongtan	China	149.359 km

♃ **Jupiter IC** × ♇ **Pluto AC**
crossing at 73.37° N, 76.59° W · 1 town within 150 km · lines meet at 43.7° — broad

TOWN	COUNTRY	TO THE CROSSING
Pond Inlet	Canada	87.32 km

SAMPLE

♀ **Venus IC** × ♅ **Uranus DC**
crossing at 35.08° S, 139.43° E · 358 towns within 150 km · lines meet at 21° — grazing

NOT FOR PERSONAL USE

TOWN	COUNTRY	TO THE CROSSING
Murray Bridge	Australia	14.961 km
Tailem Bend	Australia	19.015 km
Mannum	Australia	21.868 km
Nairne	Australia	47.676 km
Mount Barker	Australia	51.494 km
Littlehampton	Australia	51.884 km
Woodside	Australia	52.33 km
Strathalbyn	Australia	52.87 km
Lobethal	Australia	54.462 km
Macclesfield	Australia	55.145 km
Balhannah	Australia	56.15 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Hahndorf	Australia	57.157 km
Echunga	Australia	57.958 km
Bridgewater	Australia	61.092 km
Mylor	Australia	61.448 km
Meadows	Australia	61.89 km
Kersbrook	Australia	62.52 km
Aldgate	Australia	64.059 km
Stirling	Australia	65.51 km
Crafers	Australia	66.05 km
Williamstown	Australia	67.116 km
Meningie	Australia	67.554 km
Adelaide Hills	Australia	68.725 km
Crafers West	Australia	69.072 km
Hindmarsh Island	Australia	69.866 km
Tea Tree Gully	Australia	70.197 km
Banksia Park	Australia	70.31 km
Rostrevor	Australia	70.639 km
Stonyfell	Australia	70.771 km
Athelstone	Australia	70.773 km
Wattle Park	Australia	71.167 km
Rosslyn Park	Australia	71.211 km
Fairview Park	Australia	71.389 km
St Agnes	Australia	71.446 km
Magill	Australia	71.633 km
Highbury	Australia	71.645 km
Beaumont	Australia	71.73 km
Golden Grove	Australia	71.838 km
Newton	Australia	71.852 km

▲ Contents

NOUS SAMPLE

NOUS ARK

Erindale	Australia	72.147 km
Hazelwood Park	Australia	72.234 km
Hope Valley	Australia	72.239 km
Kensington Gardens	Australia	72.35 km
Ridgehaven	Australia	72.375 km
Leabrook	Australia	72.496 km
Redwood Park	Australia	72.626 km
Glen Osmond	Australia	72.671 km
Lyndoch	Australia	72.696 km
Surrey Downs	Australia	72.813 km
Tranmere	Australia	72.872 km
St Georges	Australia	72.913 km
Tusmore	Australia	72.977 km
Dernancourt	Australia	73.087 km
Kensington Park	Australia	73.136 km
Linden Park	Australia	73.163 km
Campbelltown	Australia	73.184 km
Paradise	Australia	73.322 km
Hawthorndene	Australia	73.336 km
Angaston	Australia	73.42 km
St Morris	Australia	73.458 km
Hectorville	Australia	73.588 km
Modbury	Australia	73.649 km
Firle	Australia	73.685 km
Glenunga	Australia	73.801 km
Holden Hill	Australia	73.849 km
Glenalta	Australia	73.909 km
Myrtle Bank	Australia	73.992 km

Contents

NOUS SAMPLE

N o u s A R K		
Glynde	Australia	74.005 km
Beulah Park	Australia	74.01 km
One Tree Hill	Australia	74.051 km
Greenwith	Australia	74.335 km
Toorak Gardens	Australia	74.344 km
Coromandel Valley	Australia	74.36 km
Glenside	Australia	74.387 km
Trinity Gardens	Australia	74.439 km
Payneham South	Australia	74.445 km
Modbury Heights	Australia	74.504 km
Belair	Australia	74.515 km
Netherby	Australia	74.582 km
Fullarton	Australia	74.624 km



NOT FOR PERSONAL USE

♀ **Venus DC** × ♂ **Uranus MC**

crossing at 32.80° N, 37.01° E · 159 towns within 150 km · lines meet at 22.1° — grazing

TOWN	COUNTRY	TO THE CROSSING
Shaqqā	Syria	31.647 km
Shahbā	Syria	36.597 km
Qanawāt	Syria	37.837 km
Ṣalākhid	Syria	42.088 km
As-Suwayda	Syria	42.931 km
Ṣalkhad	Syria	44.538 km
Al Qurayyā	Syria	48.412 km
Ṣamād	Syria	58.644 km
Buṣṣrā ash Shām	Syria	59.055 km

▲ Contents

NOUS SAMPLE

NOUS ARK

Former Diocese of Bosra (suppressed)	Syria	60.672 km
Umm al Qiṭṭayn	Jordan	65.003 km
Al Musayfirah	Syria	65.953 km
Ghaṣam	Syria	66.284 km
Al ḥirāk	Syria	66.643 km
Ṣabḥā	Jordan	71.291 km
Izraʿ	Syria	71.89 km
Baṣīr	Syria	78.709 km
Shaykh Miskīn	Syria	80.028 km
Dāʿil	Syria	82.964 km
Aṣ Ṣanamayn	Syria	83.356 km
Inkhil	Syria	86.336 km
Darʿā	Syria	87.893 km
Ṭafas	Syria	89.104 km
Al ḥamrāʾ	Jordan	90.238 km
Maḥraq	Jordan	91.185 km
Jāsim	Syria	91.685 km
Nawā	Syria	91.814 km
Kafr Shams	Syria	91.917 km
Dayr al ʿAṣāfir	Syria	92.261 km
Al Kiswah	Syria	94.991 km
Aṭ Ṭurrah	Jordan	97.746 km
Babīlā	Syria	97.951 km
Ar Ramthā	Jordan	98.132 km
Jaramānā	Syria	98.316 km
Kafr Nāsij	Syria	99.112 km
Zākīyah	Syria	99.409 km
al-Yarmūk	Syria	99.641 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Kanākir	Syria	100.135 km
Şaḥnāyā	Syria	101.089 km
Qaşr al Ḥallābāt	Jordan	101.162 km
‘Irbīn	Syria	101.607 km
Rehab	Jordan	101.626 km
Ash Shajarah	Jordan	102.062 km
Aḡ Ṣulayl	Jordan	102.253 km
Dūmā	Syria	102.786 km
Dārayyā	Syria	103.158 km
Al Azraq ash Shamālī	Jordan	103.354 km
Ḥarastā	Syria	103.594 km
Damascus	Syria	103.639 km
Dayr Mākir	Syria	103.925 km
Sāl	Jordan	106.563 km
Kharjā	Jordan	106.764 km
Ḥakamā	Jordan	108.549 km
Jabā	Syria	109.387 km
Balīlā	Jordan	110.78 km
Al Quṭayfah	Syria	110.906 km
At Tall	Syria	111.201 km
Qaṭanā	Syria	112.299 km
Kitim	Jordan	112.344 km
Irbid	Jordan	112.559 km
Qafqafā	Jordan	112.794 km
Aydūn	Jordan	113.337 km
Kafr Sawm	Jordan	114.454 km
Jayrūd	Syria	114.519 km
Ḥispin	Israel	114.525 km

Contents

NOUS SAMPLE

Ruwaished	Jordan	116.084 km
Saḥam al Kaffārāt	Jordan	116.775 km
Al Qunayṭirah	Syria	116.943 km
Ḥātim	Jordan	117.227 km
Zarqa	Jordan	118.795 km
Zaḥar	Jordan	118.83 km
Bayt Yāfā	Jordan	119.291 km
Malkā	Jordan	119.46 km
Dayr Yūsuf	Jordan	119.479 km
Jarash	Jordan	119.584 km
Ṣakhrah	Jordan	119.912 km
Qumaym	Jordan	122.702 km
Sūf	Jordan	123.068 km
Buq'ātā	Syria	123.685 km
Ma'lūlā	Syria	123.807 km

NOT FOR PERSONAL USE

♀ **Venus DC** × ♂ **Neptune MC**

crossing at 51.14° N, 24.97° E · 220 towns within 150 km · lines meet at 30.3° — broad

TOWN	COUNTRY	TO THE CROSSING
Holoby	Ukraine	6.136 km
Kovel	Ukraine	20.858 km
Stobykhivka	Ukraine	26.137 km
Lukiv	Ukraine	31.48 km
Turiisk	Ukraine	31.764 km
Rozhyshche	Ukraine	32.378 km
Soshychne	Ukraine	37.569 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Torchyn	Ukraine	41.446 km
Okonsk	Ukraine	42.321 km
Manevychi	Ukraine	42.669 km
Pishchane	Ukraine	43.282 km
Horodok	Ukraine	43.545 km
Lukiv	Ukraine	45.351 km
Nuino	Ukraine	45.61 km
Zalissia	Ukraine	45.613 km
Prylisne	Ukraine	46.638 km
Kivertsi	Ukraine	47.841 km
Stara Vyzhivka	Ukraine	49.846 km
Lokachi	Ukraine	49.902 km
Lutsk	Ukraine	49.949 km
Olenyne	Ukraine	50.216 km
Lypyny	Ukraine	51.605 km
Rakiv Lis	Ukraine	53.903 km
Kamin-Kashyrskyi	Ukraine	54.181 km
Zhuravychi	Ukraine	55.229 km
Volodymyr-Volynskiy	Ukraine	55.825 km
Pidhaytsi	Ukraine	56.17 km
Buzaky	Ukraine	56.354 km
Toboly	Ukraine	57.462 km
Novi Chervyshcha	Ukraine	58.131 km
Voiehoshcha	Ukraine	58.296 km
Bronytsia	Ukraine	58.673 km
Osivtsi	Ukraine	60.004 km
Hrudky	Ukraine	60.686 km
Dobre	Ukraine	62.971 km

▲ Contents

NOUS SAMPLE

N O U S A R K		
Vorokomle	Ukraine	63.931 km
Saryi Chortoryisk	Ukraine	64.117 km
Sedlyshche	Ukraine	65.005 km
Ustyluh	Ukraine	65.259 km
Lyubokhyny	Ukraine	65.437 km
Khoteshiv	Ukraine	65.57 km
Varash	Ukraine	65.637 km
Holovne	Ukraine	66.167 km
Vyderta	Ukraine	66.266 km
Liuboml	Ukraine	66.457 km
Ratne	Ukraine	66.736 km
Zalazzia	Ukraine	67.169 km
Cherche	Ukraine	67.254 km
Horodło	Poland	71.006 km
Bykhiv	Ukraine	71.781 km
Horokhiv	Ukraine	72.36 km
Novovolynsk	Ukraine	73.016 km
Mala Hlusha	Ukraine	73.032 km
Blahodatne	Ukraine	73.321 km
Rafalivka	Ukraine	73.874 km
Zaliznytsia	Ukraine	74.706 km
Olyka	Ukraine	74.966 km
Velyka Hlusha	Ukraine	75.597 km
Dubienka	Poland	76.313 km
Birky	Ukraine	76.424 km
Lytovezh	Ukraine	78.041 km
Sudche	Ukraine	78.943 km
Tsyr	Ukraine	79.075 km

Liubeshiv	Ukraine	79.225 km
Huta	Ukraine	80.332 km
Zarudchi	Ukraine	80.462 km
Samary-Orikhovi	Ukraine	81.357 km
Shatsk	Ukraine	82.684 km
Demydivka	Ukraine	83.066 km
Mlyniv	Ukraine	83.324 km
Peremyl	Ukraine	83.755 km
Vetly	Ukraine	83.871 km
Samary	Ukraine	84.333 km
Hrubieszów	Poland	84.429 km
Klevan	Ukraine	85.024 km
Liubiaz	Ukraine	85.709 km
Svitiaz	Ukraine	86.556 km
Berestechko	Ukraine	87.063 km
Volodymyrets	Ukraine	87.481 km
Sokal	Ukraine	88.473 km

**Venus AC × ♄ Pluto AC***crossing at 54.61° N, 102.56° W · 4 towns within 150 km · lines meet at 13.2° — grazing*

TOWN	COUNTRY	TO THE CROSSING
Creighton	Canada	45.262 km
Flin Flon	Canada	47.519 km
Pelican Narrows	Canada	66.548 km
The Pas	Canada	122.644 km

♄ Saturn MC × ♅ Uranus DC

crossing at 26.32° N, 118.30° E · 68 towns within 150 km · lines meet at 19.1° — grazing

TOWN	COUNTRY	TO THE CROSSING
Huangtian	China	34.498 km
Nanping	China	38.351 km
Yanghou	China	40.977 km
Shuikou	China	43.086 km
Shuangzhucun	China	48.438 km
Meipucun	China	60.654 km
Fengpu	China	60.679 km
Baiyun	China	67.833 km
Daqiao	China	68.365 km
Sanming	China	68.955 km
Yushan	China	70.316 km
Luoqiaocun	China	71.683 km
Changqiao	China	77.308 km
Zhuoyang	China	79.338 km
Jian'ou	China	80.002 km
Zhuqi	China	81.917 km
Gantang	China	82.308 km
Luxia	China	84.149 km
Rong'an	China	85.008 km
Hetang	China	88.909 km
Xiling	China	92.099 km
Gufeng	China	93.848 km
Hongtang	China	96.607 km
Daixi	China	97.419 km

Huai'an Shequ	China	97.567 km
Shanyang	China	97.827 km
Tangkou	China	99.588 km
Xindian	China	101.996 km
Fuzhou	China	104.119 km
Shuangxi	China	106.988 km
Shoushan	China	111.307 km
Chengmen	China	111.674 km
Pandu	China	114.807 km
Yangzhong	China	114.905 km
Kuai'an	China	115.558 km
Zhongfang	China	116.083 km
Danyang	China	117.431 km
Hongyang	China	117.814 km
Putian	China	120.454 km
Donghu	China	121.2 km
Tingjiang	China	123.104 km
Min'ancun	China	123.17 km
Fuqing	China	125.495 km
Qibu	China	125.495 km
Huotong	China	125.521 km
Xiancun	China	125.528 km
Houyu	China	126.322 km
Ningde	China	127.236 km
Guantou	China	127.25 km
Jiangkou	China	128.564 km
Jitoucun	China	130.94 km
Dongdai	China	131.222 km
Feiluan	China	131.742 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Tantou	China	133.158 km
Beishancun	China	133.287 km
Qidu	China	133.323 km
Chixi	China	134.432 km
Zhangwan	China	135.47 km
Badu	China	136.775 km
Shaowu	China	139.549 km
Kengyuan	China	145.801 km
Jianjiang	China	146.91 km
Dingtoucun	China	146.923 km
Xiabaishi	China	147.561 km
Ximeicun	China	147.765 km
Gantang	China	148.113 km
Dinghaicun	China	148.37 km
Yingdu	China	149.442 km

NOT FOR PERSONAL USE

♄ Saturn IC × ♅ Uranus AC

crossing at 26.32° S, 61.70° W · 22 towns within 150 km · lines meet at 19.1° — grazing

TOWN	COUNTRY	TO THE CROSSING
Pampa de los Guanacos	Argentina	17.328 km
Los Frentones	Argentina	29.83 km
Sachayoj	Argentina	41.192 km
Pampa del Infierno	Argentina	55.642 km
Concepción del Bermejo	Argentina	80.937 km
Corzuela	Argentina	100.567 km
Campo Largo	Argentina	100.596 km

▲ Contents

NOUS SAMPLE

Avia Terai	Argentina	104.669 km
Las Breñas	Argentina	104.777 km
Charata	Argentina	111.629 km
Juan José Castelli	Argentina	115.207 km
Napenay	Argentina	116.678 km
Campo Gallo	Argentina	118.526 km
General Pinedo	Argentina	118.817 km
Tres Isletas	Argentina	126.155 km
Tintina	Argentina	127.548 km
Gancedo	Argentina	129.568 km
Presidencia Roque Sáenz Peña	Argentina	135.443 km
La Tigra	Argentina	140.812 km
La Clotilde	Argentina	142.363 km
San Bernardo	Argentina	145.009 km
Hermoso Campo	Argentina	147.185 km

NOT FOR PERSONAL USE

♄ Saturn MC × ♆ Neptune DC

crossing at 9.47° S, 118.30° E · 6 towns within 150 km · lines meet at 19.5° — grazing

TOWN	COUNTRY	TO THE CROSSING
Tambolaka	Indonesia	102.607 km
Dompu	Indonesia	104.484 km
Bima	Indonesia	120.747 km
Sape	Indonesia	124.522 km
Sumbawa Besar	Indonesia	145.18 km
Pototano	Indonesia	147.726 km

♄ Saturn IC × ♆ Neptune AC

crossing at 9.47° N, 61.70° W · 30 towns within 150 km · lines meet at 19.5° — grazing

TOWN	COUNTRY	TO THE CROSSING
Tucupita	Venezuela	59.534 km
Siparia	Trinidad and Tobago	77.71 km
Point Fortin	Trinidad and Tobago	78.123 km
Peñal	Trinidad and Tobago	81.263 km
Debe	Trinidad and Tobago	86.132 km
San Fernando	Trinidad and Tobago	93.183 km
Mon Repos	Trinidad and Tobago	93.881 km
Princes Town	Trinidad and Tobago	95.779 km
Marabella	Trinidad and Tobago	96.652 km
Gasparillo	Trinidad and Tobago	98.462 km
Barrancas	Venezuela	101.332 km
Claxton Bay	Trinidad and Tobago	102.683 km
California	Trinidad and Tobago	106.942 km
Couva	Trinidad and Tobago	108.505 km
Rio Claro	Trinidad and Tobago	108.829 km
Tabaquite	Trinidad and Tobago	110.779 km
Temblador	Venezuela	116.203 km
Chaguanas	Trinidad and Tobago	119.964 km
Talparo	Trinidad and Tobago	123.462 km
Laventille	Trinidad and Tobago	132.425 km
Mucurapo	Trinidad and Tobago	133.275 km
Port of Spain	Trinidad and Tobago	134.002 km
Arouca	Trinidad and Tobago	134.35 km
Tunapuna	Trinidad and Tobago	135.267 km

Contents
NOUS SAMPLE

Paradise	Trinidad and Tobago	136.054 km
Arima	Trinidad and Tobago	137.055 km
Petit Valley	Trinidad and Tobago	137.22 km
Sangre Grande	Trinidad and Tobago	138.44 km
Diego Martin	Trinidad and Tobago	139.307 km
Güiria	Venezuela	139.372 km

♄ Saturn AC × ♆ Neptune MC

crossing at 14.56° N, 24.97° E · 4 towns within 150 km · lines meet at 13° — grazing

TOWN	COUNTRY	TO THE CROSSING
Kutum	Sudan	51.493 km
Mellit	Sudan	77.985 km
El Fasher	Sudan	110.592 km
Kabkābiyah	Sudan	138.916 km

♅ Uranus MC × ♇ Pluto DC

crossing at 63.59° N, 37.01° E · 7 towns within 150 km · lines meet at 26.4° — broad

TOWN	COUNTRY	TO THE CROSSING
Onega	Russia	64.155 km
Kodino	Russia	131.088 km
Segezha	Russia	134.729 km
Povenets	Russia	137.541 km
Nadvoitsy	Russia	140.175 km
Pindushi	Russia	143.505 km

Medvezh'yegorsk	Russia	148.777 km
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♆ Neptune MC × ♇ Pluto DC

crossing at 71.07° N, 24.97° E · 6 towns within 150 km · lines meet at 37.5° — broad

TOWN	COUNTRY	TO THE CROSSING
Ávanuorri	Norway	13.719 km
Honningsvåg	Norway	37.433 km
Hammerfest	Norway	65.27 km
Rypefjord	Norway	67.221 km
Lakselv	Norway	113.265 km
Alta	Norway	137.861 km

♆ Neptune DC × ♇ Pluto DC

crossing at 70.78° N, 25.63° E · 8 towns within 150 km · lines meet at 52.5° — clean

TOWN	COUNTRY	TO THE CROSSING
Honningsvåg	Norway	25.371 km
Ávanuorri	Norway	42.503 km
Hammerfest	Norway	73.033 km
Rypefjord	Norway	73.878 km
Lakselv	Norway	85.381 km
Utsjoki	Finland	110.938 km
Alta	Norway	126.805 km
Kárášjohka	Norway	146.484 km

THE KNOTS

Convergence Zones

Where many of your lines gather into one small area — the most charged ground on your whole map

NOT FOR PERSONAL USE

A handful of places on Earth gather not two but several of your lines into one small area — the most charged ground in your whole map, where many planetary themes press together at once. A zone is counted by how many distinct lines cross one another within it. One honest caveat: the lines naturally crowd toward the far north and south (all of the meridian lines meet at the poles), so the densest knots are often in remote high latitudes — we show every zone that has real towns near it, with its latitude in plain sight so you can judge. 6 zones, up to 8 lines deep.

8 lines converge

within 250 km of 65.56° N, 10.63° W · nearest Neskaupstaður, Iceland

♃ Jupiter AC · ♂ Mars AC · ♀ Mercury AC · ♀ Mercury DC · ♀ Mercury MC · ♆ Neptune AC · ☉ Sun AC · ♄ Uranus AC

TOWN	COUNTRY	TO THE CENTRE
Neskaupstaður	Iceland	149.447 km
Eskifjörður	Iceland	166.951 km
Reyðarfjörður	Iceland	177.53 km
Egilsstaðir	Iceland	177.899 km

4 lines converge

within 250 km of 72.62° N, 24.97° E · nearest Ávanuorri, Norway

♆ Neptune DC · ♆ Neptune MC · ♇ Pluto DC · ♄ Uranus AC

TOWN	COUNTRY	TO THE CENTRE
Ávanuorri	Norway	181.321 km
Honningsvåg	Norway	185.869 km
Hammerfest	Norway	222.842 km
Rypefjord	Norway	225.298 km

3 lines converge

within 250 km of 62.22° N, 37.01° E · nearest Pudozh, Russia

♇ Pluto DC · ☉ Sun DC · ♅ Uranus MC

TOWN	COUNTRY	TO THE CENTRE
Pudozh	Russia	52.541 km
Shal'skiy	Russia	70.115 km
Shun'ga	Russia	114.923 km
Konëvo	Russia	121.226 km
Sheltozero	Russia	128.538 km
Kargopol'	Russia	129.12 km
Kvartsitnyy	Russia	131.987 km
Povenets	Russia	132.876 km

nearest 8 of 46 towns within 250 km shown

3 lines converge

within 250 km of 64.53° N, 25.98° W · nearest Ólafsvík, Iceland

♿ Mercury AC · ♇ Pluto MC · ☉ Sun AC

TOWN	COUNTRY	TO THE CENTRE
Ólafsvík	Iceland	115.412 km
Stykkishólmur	Iceland	165.75 km
Sandgerði	Iceland	167.518 km

▲ Contents

N o u s A R K		NOUS SAMPLE
Garður	Iceland	168.872 km
Keflavík	Iceland	175.466 km
Reykjanesbær	Iceland	175.799 km
Vogar	Iceland	184.517 km
Grindavík	Iceland	188.39 km

nearest 8 of 21 towns within 250 km shown

3 lines converge

within 250 km of 70.72° N, 58.02° W · nearest Uummannaq, Greenland

☾ Moon MC · ♄ Saturn IC · ♀ Venus AC

TOWN	COUNTRY	TO THE CENTRE
Uummannaq	Greenland	217.417 km
Upernavik	Greenland	238.849 km

3 lines converge

within 250 km of 58.17° N, 129.94° W · nearest Watson Lake, Canada

♂ Mars IC · ☾ Moon AC · ♄ Saturn DC

TOWN	COUNTRY	TO THE CENTRE
Watson Lake	Canada	222.105 km
Petersburg	United States	235.725 km
Wrangell	United States	239.616 km

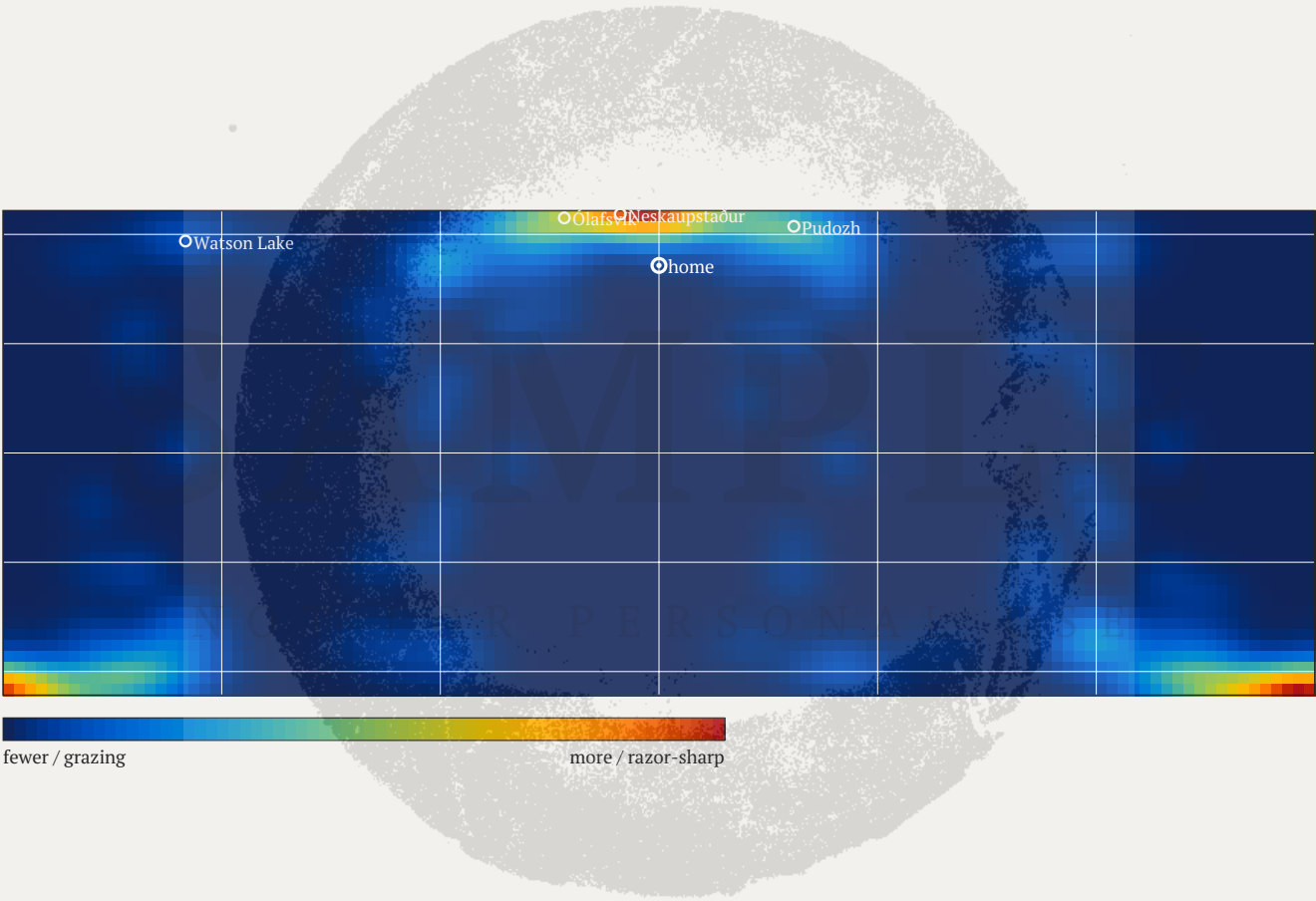
THE WHOLE MAP

The Heat of Your Map

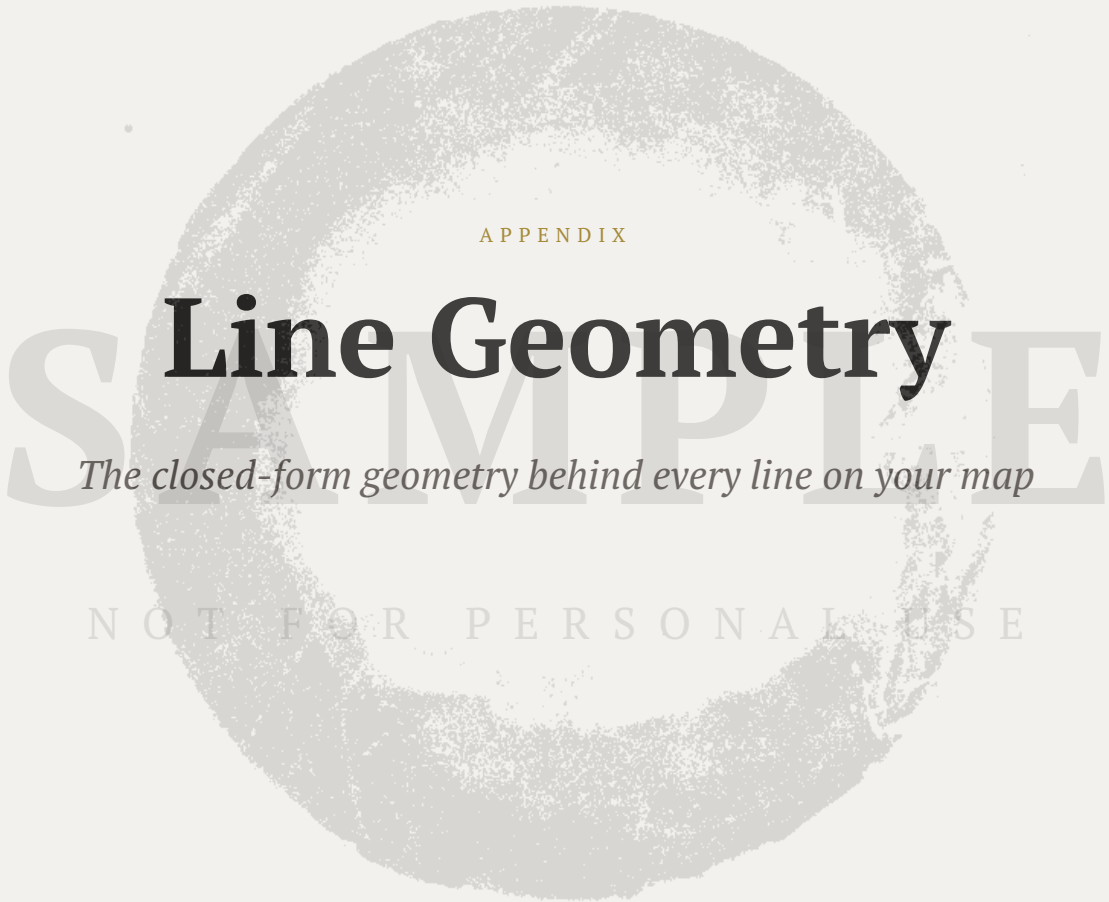
Every crossing drawn as a glow — the hottest ground on Earth for you, read all at once

NOT FOR PERSONAL USE

One picture of the whole Earth, drawn only from your line crossings. Each crossing is laid down as a soft glow whose brightness is its *sharpness* — the angle the two lines actually meet at — so a razor-sharp crossing burns hot and a grazing one barely shows. Where several sharp crossings stack over one place, the map runs red; cold blue is open ground with no strong lines near. The far north and south past the polar circles (66.5°) are left out on purpose: every meridian line meets at the poles, so that crowding is geometry, not meaning. The glow radius (~550 km) is chosen for legibility, not computed — but every bit of colour traces to a measured crossing and its measured angle.



Equirectangular projection · faint grid at 30° spacings for orientation only (no coastlines) · home and named convergence zones marked.



APPENDIX

Line Geometry

The closed-form geometry behind every line on your map

NOT FOR PERSONAL USE

The closed-form geometry behind every line: the subpoint each planet stood over, the meridians its MC/IC lines follow, and how far toward the poles its rising and setting curves reach.

PLANET	SIGN	MC MERIDIAN	IC MERIDIAN	SUBPOINT (LAT, LON)	LAT REACH
☉ Sun	Cap 10°22'05.37"	0.82°	-179.18°	-23.03°, 0.82°	±67.0°
☾ Moon	Sco 13°18'53.50"	-58.02°	121.98°	-10.90°, -58.02°	±79.1°
☿ Mercury	Cap 01°53'17.23"	-8.39°	171.61°	-24.42°, -8.39°	±65.6°
♀ Venus	Sag 01°33'53.59"	-40.57°	139.43°	-18.45°, -40.57°	±71.5°
♂ Mars	Aqu 27°57'45.80"	50.06°	-129.94°	-13.18°, 50.06°	±76.8°
♃ Jupiter	Ari 25°15'10.98"	103.41°	-76.59°	8.59°, 103.41°	±81.4°
♄ Saturn	Tau 10°23'44.41"	118.30°	-61.70°	12.62°, 118.30°	±77.4°
♅ Uranus	Aqu 14°48'32.91"	37.01°	-142.99°	-17.02°, 37.01°	±73.0°
♆ Neptune	Aqu 03°11'34.72"	24.97°	-155.03°	-19.21°, 24.97°	±70.8°
♇ Pluto	Sag 11°27'17.08"	-29.04°	150.96°	-11.40°, -29.04°	±78.6°