MY FLAT EARTH MASTER LIST

Please note, the following document is a work in progress, you will find unfinished sections and partially thought out ideas. When that happens, pause and take a note and tell me why I am right or wrong or what I'm missing. You'll never hear me say we can't talk about religion of politics, I really want to know what you believe and why and I'm hopeful that when I have something to say that is my own original thought you'll give me the courtesy of allowing me to share my ideas on the subject.

Use the links below to jump to the underlined subject heading or keep scrolling down to view the whole document in order.

Section 1	Section 2	Section 3	Section 4
Bible Verses Related to the	TRUE EARTH Q&A	OTHER DATA	IMAGES
			INAGES
Shape of the Earth	with Jon Truth		
Earth Created Before the Sun? Universe is Complete?	COLOR CODING	MAGNETIC NORTH	
Earth Measurements are	OBVIOUS QUESTIONS	BIBLE VERSES	
Unknown?	Back to the Basics	QUESTIONS TO ASK	
Earth is a Disk/Circle, Not a ball	God's Firmament	ROUND EARTHERS	
Earth is Measured with a Line, not	The Earths Shape	PERSPECTIVE	
a curve	EARTHS FOUNDATION	OLD REFERENCE BOOKS	
Paths are Straight, Not Curved	THE SHAPE	GOVERNMENT DOCUMENTS	
Waters are Straight, Not Curved	HOW TO DO A FLAT EARTH	DEAN ODLE	
Earthquakes Shake Earth and	TEST	GOVERNMENT DOCS	
Does Not Move	THE ANTARTIC ICE WALL	SAMUEL BIRLEY ROWBOTHAM	
Earth Is Fixed and Immovable	COMMON SENSE	WILBUR GLEN VOLIVA	
Be Still and Know I am God	THE REAL SUN AND MOON	ETHELBERT WILLIAM BULLINGER	
Earth Has Pillars and Hangs on NOTHING	WHAT ARE THE STARS?	SAMUEL SHENTON	
Earth Has a FACE	THE SO CALLED PLANETS	LADY BLOUNT	
(A Geometrical Flat Surface)	THE NORTH POLE	ROUND EARTH ARGUMENT	
WATERS HAVE A FACE	FINISHING WITH PRAYER	LAWRENCE CROWELL	
(Geometric Flat Surface)		DANNY FAULKNER	
Earth Has ENDS		ZETETIC ASTRONOMY 1881	
Earth Has CORNERS		SAMUEL ROWBOTHAM	
FIRMAMENT DOME		THE BIBLE VERSES SCIENCE	
The SUN MOVES, THE EARTH		FALLING FOR A FLAT EARTH	
DOES NOT:			
The sun STOPS moving The sun MOVES Backwards		THE FALSE DOCTRINE OF FLAT EARTH	
The moon has its OWN light		DEBUNKING FLAT EARTH WITH THE BIBLE	
High Altitude Perspectives		THE BIBLE DOES NOT BACK UP THE THEORY	
Everyone Sees Jesus		DISECTING THE BIBLE WITH GREEK HEBREW	
New Jerusalem, The HUGE CUBE		AND COMMON SENSE	
"BREADTH" spread out "FLAT" of		THE APOCRYPHA	
<u>the earth</u>		MORE BIBLICAL TEXTS	
Matthews Bible from 1537 says		ELON MUSK	
<u>"FLAT EARTH"</u>		NASA TELLS ON THEMSELVES	
Creation Worshippers		GREEK ROOT WORD FOR FLAT	
God's Word is Always Faithful and TRUE		SPEED OF ROTATION AND SCIENCE OF 666	
Waters Are Contained		MYTHS DEBUNKED	
Waters Are Contained		MORE LINKS	

SECTION 1 BIBLE VERSES RELATED TO THE SHAPE OF THE EARTH

SUBJECT	Where to Find it	What it says
Earth Created Before	Genesis 1:1-19	Genesis 1:1 God created the heaven and the earth. 3 The
the Sun?		light and the darkness, 8 The firmament, 9 He separateth
		the water from the earth. 16 He createth the sun, the
		moon, and the stars. 21 He createth the fish, birds, beasts,
		26 He createth man, and giveth him rule over all creatures,
		29 And provideth nurture for man and beast.
		¹ In the ^w beginning God created the heaven and the earth.
		² And the earth was individual without form and void,
		and <pre>@darkness</pre> was upon the <pre>@deep</pre> , and the Spirit of
		God amoved upon the bwaters.
		³ Then God said, Let there be light: And there was Ilight.
		⁴ And God saw the light that it was good, and God
		separated uthe light from the darkness.
		⁵ And God called the Light, Day, and the darkness he called
		Night. [™] So the evening and the morning were the first day.
		⁶ ¶ Again God said, Let there be a ^u firmament in the midst of
		the waters, and let it separate the waters from the waters.
		⁷ Then God made the firmament, and separated the waters,
		which were Inder the firmament, from the waters which
		were above the firmament: and it was so.
		⁸ And God called the firmament, <a>Heaven . So the evening
		and the morning were the second day.
		⁹ ¶ God said again, Let the waters under the heaven be
		gathered into one place, and let the dry land appear: and it was so.
		¹⁰ And God called the dry land, Earth, and he called the
		gathering together of the waters, Seas: and God saw that it
		was good.
		¹¹ Then God said, ¹¹ Let the earth bud forth the bud of the
		herb, that seedeth seed, the fruitful tree, which beareth fruit
		according to his kind, which hath his seed in itself upon the
		earth: and it was so.
		¹² And the earth brought forth the bud of the herb, that
		seedeth seed according to his kind, also the tree that
		beareth fruit, which hath his seed in itself according to his
		kind: and God Isaw that it was good.
		¹³ So the evening and the morning were the third day.
		¹⁴ ¶ And God said, Let there be inlights in the firmament of
		the heaven, to eseparate the day from the night, and let
		them be for usigns, and for seasons, and for days, and years.
		and for second esigns, and for seasons, and for days, and years.

		 ¹⁵ And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. ¹⁶ God then made two great lights: the greater light to urule the day, and the lesser light to rule the night: he made also the stars. ¹⁷ And God set them in the firmament of the heaven, to shine upon the earth, ¹⁸ And to rule in the day, and in the night, and to separate the light from the darkness: and God saw that it was good. ¹⁹ So the evening and the morning were the fourth day.
Universe is Complete?	Genesis 2:1	Thus the heavens and the earth were completed in all their vast array.
Earth Measurements are Unknown?	Job38:4-5 Jeremiah 31:37 Proverbs 25:3	Job 38: 4-6 ⁴ Where wast thou when I alaid the foundations of the earth? declare, if thou hast understanding. ⁵ Who hath laid the measures thereof, if thou knowest, or who hath stretched the line over it: ⁶ Whereupon are the foundations thereof set: or who laid the cornerstone thereof:
		Jeremiah 31:37 ³⁷ Thus saith the Lord, If the heavens can be measured, ¹⁶⁴ or the foundations of the earth be searched out beneath, then will I cast off all the seed of Israel, for all that they have done, saith the Lord.
		Proverbs 25:3 ³ The heavens in height, and the earth in deepness: and the ©king's heart can no man search out.
Earth is a Disk/Circle, Not a ball	Isaiah 40:22 Job 38:13-14	Isaiah 40:22 ²² He sitteth upon the circle of the earth, and the inhabitants thereof are as grasshoppers, he stretcheth out the heavens as a curtain, and spreadeth them out, as a tent to dwell in.
		Job 38:13-14 ¹³ That it might take hold of the corners of the earth, and that the wicked might be ^[]] shaken out of it? ¹⁴ It is turned as clay to fashion, ^[k] and all stand up as a garment. Job 38:4-6
Earth is Measured with a Line, not a curve	Job 38:4-5	 ⁴ Where wast thou when I ^[d]laid the foundations of the earth? declare, if thou hast understanding. ⁵ Who hath laid the measures thereof, if thou knowest, or who hath stretched the line over it: ⁶ Whereupon are the foundations thereof set: or who laid the cornerstone thereof:

Paths are Straight, Not	1 Samuel 6:12	1 Samuel 6:12
Curved	Psalm 5:8	¹² And the kine went the straight way to Beth Shemesh,
	Psalm 27:11	and kept one path, and lowed as they went, and turned
	Isaiah 40:3	neither to the right hand nor to the left: also the princes of
	Jeremiah 31:9	the Philistines went after othem unto the borders of Beth
	Matthew 3:3	Shemesh.
	Mark 1:3	
	Luke 3:4	Psalm 5:8
	John 1:23	⁸ Lead me, O Lord, in thy righteousness, [©] because
	Acts 16:11	of mine enemies: make thy way plain before my face.
	Acts 21:1	
	Hebrews 12:13	Psalm 27:11
		¹¹ Teach me thy way, O Lord, and lead me in a right path,
		because of mine enemies.
		Isaiah 40:3
		³ A woice crieth in the wilderness, Prepare ye the way of
		the Lord: make straight in the desert a path for our God.
		Jeremiah 31:9
		⁹ They shall come "weeping, and with mercy will I bring
		them again: I will lead them by the rivers of water in a
		straight way, wherein they shall not stumble: for I am a
		father to Israel, and Ephraim is Imy firstborn.
		Matthew 3:3
		For this is he of whom it is spoken by the Prophet Isaiah,
		saying, The voice of him that crieth in the wilderness,
		Prepare ye the way of the Lord: Imake his paths straight.
		Mark 1:3
		³ The voice of him that crieth in the wilderness, is, Prepare
		the way of the Lord: make his paths straight.
		Luke 3:4
		⁴ As it is written in the book of the sayings of Isaiah the
		Prophet, which saith, The voice of him that crieth in the
		wilderness is, Prepare ye the way of the Lord: make his
		paths straight.
		John 1:23
		²³ He said, I am the voice of him that crieth in the
		wilderness, Make straight the way of the Lord, as said the
		Prophet Isaiah.
		Acts 16:11
		¹¹ Then went we forth from Troas, and with a straight
		men went we forth hom hoas, and with a straight

		 course came to Samothrace, and the next day to Neapolis. Acts 21:1 And Jas we launched forth, and were departed from them, we came with a straight course unto Cos, and the day following unto the Rhodes, and from thence unto Patara. Hebrews 12:13 ¹³ And make ⊡straight steps unto your feet, lest that which is halting, be turned out of the way, but let it rather he healed
Waters are Straight,	Job 37:10	be healed. Job 37:10
Not Curved	10137.10	¹⁰ At the breath of God the frost is given, and the breadth of the waters ^[g] is made narrow.
Earthquakes Shake Earth and Does Not Move	2 Samuel 22:8 Isaiah 13:13 Revelation 6:12-13	2 Samuel 22:8 ⁸ Then the earth trembled and quaked: the foundations of the heavens moved and shook, because he was angry. Isaiah 13:13
		¹³ Therefore I will shake the heaven, and the earth shall remove out of her place in the wrath of the Lord of hosts, and in the day of his fierce anger.
		Revelation 6:12-16 ¹² And I beheld when he had opened the sixth seal, and lo, there was a great earthquake, and the Sun was as black as Usackcloth of hair, and the Moon was like blood. ¹³ And the stars of heaven fell unto the earth, as a fig-tree casteth her green figs, when it is shaken of a mighty wind. ¹⁴ And heaven departed away, as a scroll, when it is rolled, and every mountain and isle were moved out of their places. ¹⁵ And the kings of the earth, and the great men, and the rich men, and the chief captains, and the mighty men, and every bondman, and every free man, hid themselves in dens, and among the rocks of the mountains, ¹⁶ And said to the mountains and rocks, Fall on us, and hide us from the presence of him that sitteth on the throne, and from the wrath of the Lamb.
Earth Is Fixed and Immovable	Psalm 33:9 Psalm 93:1 Psalm 96:10 Psalm 104:5 Psalm 119:89-90 Isaiah 45:18	 Psalm 33:4-9 ⁴ For the word of the Lord is righteous, and all his works are faithful. ⁵ He word righteousness and judgment: the earth is full of the goodness of the Lord. ⁶ By the word of the Lord were the heavens made, and all the host of them by the breath of his mouth.

	Zecheriah 1:11	7 Ho mathemath the waters of the sea teacther as upon an
	1 Chronicles 16:30	 ⁷ He ^{III}gathereth the waters of the sea together as upon an heap, and layeth up the depths in his treasures. ⁸ Let all the earth fear the Lord: let all them that dwell in the world, fear him. ⁹ For he spake, and it was done: he commanded, and it ^{III}stood.
		Psalm 93:1 ¹ The Lord areigneth, and is clothed with majesty: the Lord is clothed, and girded with power, the world also shall be established, that it cannot be moved.
		Psalm 96:10 ¹⁰ Say among the ¤Nations, The Lord reigneth: Surely the world shall be stable, and not move, and he shall judge the people ¤in righteousness.
		Psalm 104:5 ⁵ He set the earth upon her foundations, so that it shall never move.
		Psalm 119:89-90 ⁸⁹ O Lord, thy word endureth forever in Imheaven. ⁹⁰ Thy truth is from generation to generation: thou hast laid the foundation of the earth, and it abideth.
		Isaiah 45:18 ¹⁸ For this saith the Lord (that created heaven, God himself that formed the earth, and made it: he that prepared it, he created it not in vain: he formed it to be winhabited) I am the Lord, and there is none other.
		Zecheriah 1:11 ¹¹ And they answered the Angel of the Lord that stood among the myrtle trees, and said, We have gone through the world: and behold, all the world sitteth still and is at rest.
		1 Chronicles 16:30 ³⁰ Tremble ye before him all the earth, surely the world shall be, and not move.
Be Still and Know I am God	Psalm 46:10	Psalm 46:8-10 ⁸ Come and behold the works of the Lord, what desolations he hath made in the earth. ⁹ He maketh wars to cease unto the ends of the world, he breaketh the bow, and cutteth the spear, and burneth the chariots with fire.

Hangs on NOTHING Job 9 Job 2 Psaln		 ¹⁰ Be isstill and know that I am God, I will be exalted among the heathen, and I will be exalted in the earth. 1 Samuel 2:6-8 ⁶ The Lord killeth and maketh alive: bringeth down to the grave and raiseth up. ⁷ The Lord maketh poor and maketh rich: bringeth low, and exalteth.
Hangs on NOTHING Job 9 Job 2 Psaln	:6 6:7 n 75:3	⁶ The Lord killeth and maketh alive: bringeth down to the grave and raiseth up. ⁷ The Lord maketh poor and maketh rich: bringeth low, and
		 ⁸ He raiseth up the poor out of the dust, and lifteth up the beggar from the dunghill, to set them among liprinces, and to make them inherit the seat of glory: for the pillars of the earth are the locad's, and he hath set the world upon them. Job 9:6-8 ⁶ He livermoveth the earth out of her place, that the pillars thereof do shake. ⁷ He commandeth the Sun, and it riseth not: he closeth up the stars, as under a signet. ⁸ He himself alone spreadeth out the heavens, and walketh upon the height of the Sea. Job 26:7-10 ⁷ He stretcheth out the live North over the empty place, and hangeth the earth upon nothing. ⁸ He bindeth the waters in his clouds, and the cloud is not broken under them. ⁹ He holdeth back the face of his throne, and spreadeth his cloud upon it. ¹⁰ He hath set bounds liabout the waters, until the liday and night come to an end. Psalm 75:3 ³ The earth and all the inhabitants thereof are dissolved: but I will establish the pillars liof it. Selah. 2 Peter 3:5-8 ⁵ lief or this they willingly know not, that the heavens were of old, and the liearth that was of the water, and by the water, by the word of God. ⁶ lie Wherefore the world that then was, perished, overflowed with the live water. ⁷ Usu the heavens and earth, which are now, are kept by the same word in store, and reserved unto fire against the day of condemnation, and of the destruction of ungodly men.

Earth Has a FACE	Genesis 1:29	Genesis 1:28-29
(A Geometrical Flat	Genesis 4:14	²⁸ And God alblessed them, and God said to them, Bring
Surface)	Genesis 6:1	forth fruit, and multiply, and fill the earth, and subdue it,
,	Genesis 6:7	and rule over the fish of the sea, and over the fowl of the
	Genesis 7:3	heaven, and over every beast that moveth upon the earth.
	Genesis 7:4	²⁹ And God said, Behold, I have given unto you eevery herb
	Genesis 8:9	bearing seed, which is upon all the earth, and every tree,
	Genesis 11:8-9	wherein is the fruit of a tree bearing seed: that shall be to
	Genesis 41:56	you for meat.
	Exodus 32:12	
	Exodus 33:16	
	Numbers 12:3	Genesis 4:14
	Deuteronomy 6:15	¹⁴ Behold, thou hast cast me out this day from othe earth,
	Deut 7:6	and from thy face shall I be hid, and shall be a vagabond,
	1 Samuel 20:15	and a runagate in the earth, and whosoever findeth me
	1 Kings 13:34	shall slay me.
	Job 37:12	
	Psalm 104:30	Genesis 6:1-5
	Jeremiah 25:26	So when men began to be multiplied upon the earth, and
	Jeremiah 28:16	there were daughters born unto them,
	Ezekiel 34:6	² Then the lisons of God saw the daughters liof men that
	Ezekiel 38:20 Ezekiel 39:14	they were lafair, and they took them wives of all that
	Amos 9:6	they Iliked. ³ Therefore the Lord said, My spirit shall not always Istrive
	Amos 9:8	with man, because he is but flesh, and his days shall be
	Zecheriah 5:3	an bundred and twenty years.
	20011011011010	⁴ There were legiants in the earth in those days: yea, and
		after that the sons of God came unto the daughters of men,
		and they had borne them children, these were mighty men,
		which in old time were men of Brenown.
		⁵ ¶ When the Lord saw that the wickedness of man was great
		in the earth, and all the imaginations of the thoughts of
		his heart were only evil "continually,
		Genesis 6:7
		⁶ Then it urepented the Lord, that he had made man in the
		earth, and he was sorry in his heart.
		⁷ Therefore the Lord said, I will destroy from the earth the
		man, whom I have created, from man Bto beast, to the
		creeping thing, and to the fowl of the heaven: for I repent
		that I have made them.
		Genesis 7:3-4
		³ Of the fowls also of the heaven by sevens, male and
		female, to keep seed alive upon the whole earth.
		remaie, to keep seed anve upon the whole carth.

L .
⁴ For seven days hence I will cause it rain upon the earth forty days, and forty nights, and all the substance that I have made, will I destroy from off the earth.
Genesis 8:9-11 ⁹ But the dove found no rest for the sole of her foot: therefore she returned unto him into the Ark (for the waters were upon the whole earth) and he Dut forth his hand, and received her, and took her to him into the Ark. ¹⁰ And he abode yet another seven days, and again he sent forth the dove out of the Ark. ¹¹ And the dove came to him in the evening, and lo in her Duth was an Dolive leaf that she had plucked: whereby Noah knew that the waters were abated from off the earth.
Genesis 11:8-9 ⁸ So the Lord scattered them from thence upon all the earth, and they left off to build the city. ⁹ Therefore the name of it was called Babel, because the Lord did there confound the language of all the earth: from thence then did the Lord scatter them upon all the earth.
Genesis 41:56 ⁵⁶ When the famine was upon all the land, Joseph opened all places, wherein the store was, and sold unto the Egyptians: for the famine waxed sore in the land of Egypt. ⁵⁷ And all the countries laticame to Egypt to buy corn of Joseph, because the famine was sore in all lands.
Exodus 32:12-13 ¹² Wherefore shall the Egyptians speak, and say, He hath brought them out maliciously for to slay them in the mountains, and to consume them from the earth? turn from thy fierce wrath, and schange thy mind from this evil toward thy people. ¹³ Remember Abraham, Isaac, and Israel thy servants, to whom thou swarest by thine own self, and saidest unto them, I will multiply your seed, as the stars of heaven, and all this land, that I have spoken of, will I give unto your seed, and they shall inherit it forever.

Exodus 33:16 ⁶ And wherein now shall it be known, that I and thy people have found favor in thy sight? shall it not be when thou goest with us? so I, and thy people shall have preeminence before all the people that are upon the earth.
Numbers 12:3 ³ (But Moses was a very @meek man above all the men that were upon the earth.)
Deuteronomy 6:15 ¹⁵ (For the Lord thy God is a jealous God among you:) lest the wrath of the Lord thy God be kindled against thee, and destroy thee from the face of the earth.
Deut 7:6 ⁶ For thou art an holy people unto the Lord thy God, the Lord thy God hath chosen thee, to be a precious people unto himself, above all people that are upon the earth.
1 Samuel 20:15 ¹⁵ But I require that thou cut not off thy mercy from mine house forever: no, not when the Lord hath destroyed the enemies of David, every one from the earth.
1 Kings 13:34 ³⁴ And this thing turned to sin unto the house of Jeroboam, even to root it out, and destroy it from the face of the earth.
Job 37:12 ¹² And it is turned about by his government, that they may do whatsoever he commandeth them upon the whole world: Psalm 104:30
Jeremiah 25:26 ²⁶ And all the kings of the North, far and near one to another, and all the kingdoms of the world, which are upon the earth, and the king of ©Sheshach shall drink after them.
Jeremiah 28:16

		16 Thoroforo thus soith the Lord Dahald Juvill cost that
		¹⁶ Therefore thus saith the Lord, Behold, I will cast thee from of the earth: this year thou shalt die, because thou hast spoken rebelliously against the Lord.
		Ezekiel 34:6 ⁶ My sheep wandered through all the mountains, and upon every high hill: yea, my flock was scattered through all the earth, and none did seek or search after them.
		Ezekiel 38:20 ²⁰ So that the fishes of the Sea, and the fowls of the heaven, and the beasts of the field, and all that move and creep upon the earth, and all the men that are upon the earth, shall tremble at my presence, and the mountains shall be overthrown, and the ©stairs shall fall, and every wall shall fall to the ground.
		Ezekiel 39:14 ¹⁴ And they shall choose out men to go continually through the Iland with them that travail, to bury those that remain upon the ground, to cleanse it: they shall search to the end of seven months.
		Amos 9:6-8 ⁶ He buildeth his @spheres in the heaven, and hath laid the foundation of his globe of elements in the earth: he calleth the waters of the sea, and poureth them out upon the open earth: the Lord is his Name. ⁷ Are ye not as the Ethiopians @unto me, O children of Israel, saith the Lord? have not I brought up Israel out of the land of Egypt? and the Philistines from @Caphtor, and Aram from Kir? ⁸ Behold, the eyes of the Lord God are upon the sinful kingdom, and I will destroy it clean out of the earth. Nevertheless I will not utterly @destroy the house of Jacob, saith the Lord.
		Zecheriah 5:3 ³ Then said he unto me, This is the curse that goeth forth over the whole earth: for everyone that be stealeth, shall be cut off, as well on this be side, as on that: and everyone that be sweareth, shall be cut off, as well on this side, as on that.
WATERS HAVE A FACE (Geometric Flat Surface)	Genesis 1:2 Genesis 7:18 Job 38:30	Genesis 1:2 ² And the earth was without form and void, and darkness was upon the deep, and the Spirit of God moved upon the waters.

		Genesis 7:18 ¹⁸ The waters also waxed strong, and were increased exceedingly upon the earth, and the Ark went upon the waters. ¹⁹ The waters uprevailed so exceedingly upon the earth, that all the high mountains, that are under the whole heaven, were covered. Job 38:30 ³⁰ The waters are hid was with a stone: and the face of the depth is frozen.
Earth Has ENDS	Deuteronomy 28:49. Deuteronomy 28:64. Deuteronomy, 33:17 1 Samuel 2:10 Job 37:3 Job 38:13 Psalm 46:9 Psalm 48:10 Psalm 59:13 Psalm 61:2 Psalm 65:5 Psalm 65:5 Psalm 65:5 Psalm 67:7 Psalm 72:8 Psalm 72:8 Psalm 98:3 Psalm 135:7 Proverbs 8:29 Proverbs 17:24 Proverbs 30:4 Isaiah 5:26 Isaiah 26:15 Isaiah 40:28 Isaiah 41:5 Isaiah 41:5 Isaiah 41:5 Isaiah 41:9 Isaiah 42:10 Isaiah 43:6 Isaiah 43:6 Isaiah 43:6 Isaiah 45:22 Isaiah 48:20 Isaiah 49:6 Isaiah 52:10 Jeremiah 10:13 Jeremiah 16:19	Deuteronomy 28:49 ⁴⁹ The Lord shall bring a nation upon thee from far, even from the end of the world, flying swift as an eagle: a nation whose tongue thou shalt not understand: Deuteronomy 28:64 ⁶⁴ And the Lord shall @scatter thee among all people from the one end of the world unto the other, and there thou shalt serve other gods, which thou hast not known, nor thy fathers, even wood and stone. Deuteronomy, 33:17 ¹⁷ His beauty shall be like his firstborn bullock, and his @horns as the horns of an unicorn: with them he shall smite the people together, even the ends of the world: these are also the ten thousands of Ephraim, and these are the thousands of Manasseh. 1 Samuel 2:10 ¹⁰ The Lord's adversaries shall be destroyed, and out of heaven shall he thunder upon them: the Lord shall judge the ends of the world, and shall give power unto his @King, and exalt the horn of his Anointed. Job 37:3 ³ He directeth it under the whole heaven, and his light unto the ends of the world. Job 38:13 ¹³ That it might take hold of the corners of the earth, and that the wicked might be @shaken out of it? Psalm 48:10 ¹⁰ O God, according to thy Name, so is thy praise unto the @world's end: thy right hand is full of righteousness.
	33 Jeremiah 51:16	Psalm 59:13

Daniel 4:22	¹³ Consume them in thy wrath: consume them that they
Micah 5:4 Zecheriah 9:10 Acts 13:47	be no more: and let them know that God ruleth in Jacob, even unto the ends of the world. Selah.
	Psalm 61:2 ² From ^w the ends of the earth will I cry unto thee: when mine heart is oppressed, bring me upon the rock that is whigher than I.
	Psalm 65:5 ⁵ O God of our salvation, thou wilt @answer us with fearful signs in thy righteousness, O thou the hope of all the ends of the earth, and of them that are far off in the @Sea.
	Psalm 67:7 ⁷ God shall bless us, and all the ends of the earth ©shall fear him.
	Psalm 72:8 ⁸ His dominion shall be also from 🖻 sea to sea, and from the river unto the ends of the land.
	Psalm 98:3 ³ He hath @remembered his mercy and his truth toward the house of Israel: all the ends of the earth have seen the salvation of our God.
	Psalm 135:7 ⁷ He bringeth up the clouds from the ends of the earth, and maketh the lightnings with the rain: he draweth forth the wind out of his treasures.
	Proverbs 8:29 ²⁹ When he gave his decree to the sea, that the waters should not pass his commandment, when he appointed the foundations of the earth.
	Proverbs 17:24 ²⁴ Wisdom is in the face of him that hath understanding: but the eyes of a fool are in the ©corners of the world.
	Proverbs 30:4 ⁴ Who hath ascended up to @heaven, and descended? Who hath gathered the wind in his fist? Who hath bound the waters in a garment? Who hath established all the ends of the world? What is his name, and what is his son's name, if thou canst tell?

	Isaiah 5:26 ²⁶ And he will lift up a sign ©unto the nations afar, and will hiss unto them from the end of the earth: and behold, they shall come hastily with speed.
	Isaiah 26:15 ¹⁵ Thou hast increased wthe nation, O Lord: thou hast increased the nation: thou art made glorious, thou hast enlarged all the coasts of the earth.
	Isaiah 40:28 ²⁸ Knowest thou not? or hast thou not heard, that the everlasting God, the Lord hath created the ends of the earth? he neither fainteth, nor is weary: there is no searching of his understanding.
	Isaiah 41:5 ⁵ The isles saw it, and did ofear, and the ends of the earth were abashed, drew near, and ocame.
	Isaiah 41:9 ⁹ For I have taken thee from the ends of the earth, and called thee before the chief thereof, and said unto thee, Thou art my servant: I have chosen thee, and not cast thee away.
	Isaiah 42:10 ¹⁰ Sing unto the Lord a new song, and his praise from the end of the earth: ye that go down to the sea, and all that is therein, the isles and the inhabitants thereof.
	Isaiah 43:6 ⁶ I will say to the North, Give: and to the South, Keep not back: bring my sons from far, and my daughters from the ends of the earth.
	Isaiah 45:22 ²² Look unto me, and ye shall be saved: all wthe ends of the earth shall be saved: for I am God, and there is none other.
	Isaiah 48:20 ²⁰ Go ye out of Babel: flee ye from the Chaldeans with a voice of joy: tell and declare this: show it forth to the end of the earth: say ye, The Lord hath redeemed his servant Jacob.
	 Isaiah 40:28 ²⁸ Knowest thou not? or hast thou not heard, that the everlasting God, the Lord hath created the isends of the earth? he neither fainteth, nor is weary: there is no searching of his ise understanding. Isaiah 41:5 ⁵ The isles saw it, and did ofear, and the ends of the earth were abashed, drew near, and ise and ise and iteration. Isaiah 41:9 ⁹ For I have taken thee from the ends of the earth, and called thee before the chief thereof, and said unto thee, Thou art my servant: I have chosen thee, and not cast thee away. Isaiah 42:10 ¹⁰ Sing unto the Lord a new song, and his praise from the end of the earth: ye that go down to the sea, and all that is therein, the isles and the inhabitants thereof. Isaiah 43:6 ⁶ I will say to the North, Give: and to the South, Keep not back: bring my sons from far, and my daughters from the ends of the earth. Isaiah 45:22 ²² Look unto me, and ye shall be saved: all is there is none other. Isaiah 48:20 ²⁰ Go ye out of Babel: flee ye from the Chaldeans with a voice of joy: tell and declare this: show it forth to the end of the earth: say ye, The Lord hath redeemed his servant

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	Isaiah 49:6 ⁶ And he said, It is a small thing that thou shouldest be my servant to raise up the tribes of Jacob, and to restore the desolations of Israel: I will also give thee for a light of the Gentiles, that thou mayest be my salvation unto the end of the world.
	Isaiah 52:10 ¹⁰ The Lord hath made wbare his holy arm in the sight of all the Gentiles, and all the ends of the earth shall see the salvation of our God.
	Jeremiah 10:13 ¹³ He giveth by his voice the multitude of waters in the heaven, and he causeth the clouds to ascend from the ends of the earth: he turneth lightnings to rain, and bringeth forth the wind out of his treasures.
	Jeremiah 16:19 ⁹ O Lord, thou art my ofortress, and my strength and my refuge in the day of affliction: the Gentiles shall come unto thee from the ends of the world, and shall say, Surely our fathers have inherited olies, and vanity, wherein there was no profit.
	Jeremiah 25:31 & 33 ³¹ The sounds shall come to the ends of the earth: for the Lord hath a controversy with the nations, and will enter into judgment with all flesh, and he will give them that are wicked, to the sword, saith the Lord. ³² ¶ Thus saith the Lord of hosts, Behold, a plague shall go forth from nation to nation, and a great whirlwind shall be raised up from the coasts of the earth. ³³ And ⊠the slain of the Lord shall be at that day, from one end of the earth, even unto the other end of the earth: they shall not be mourned, neither gathered nor buried, but shall be as the dung upon the ground.
	Jeremiah 51:16 ¹⁶ He giveth by his voice the multitude of waters in the heaven, and he causeth the clouds to ascend from the ends of the earth, he turneth lightnings to rain, and bringeth forth the wind out of his treasures.
	Micah 5:4 ⁴ And he shall ⊠stand, and feed in the strength of the Lord, and in the majesty of the Name of the Lord his God,

		and they shall dwell still: for now shall he be magnified unto the ends of the world.
		Zecheriah 9:10 ¹⁰ And I will cut off the ochariots from Ephraim, and the horse from Jerusalem: the bow of the battle shall be broken, and he shall speak peace unto the heathen, and his dominion shall be from osea unto sea, and from the River to the end of the land.
		Acts 13:47 ⁴⁷ For so hath the Lord commanded us, saying, I have made thee a light of the Gentiles, that thou shouldest be the salvation unto the end of the world.
Earth Has CORNERS	Isaiah 11:12 Revelation 7:1	Isaiah 11:12 ¹² And he shall set up a sign to the nations, and assemble the dispersed of Israel, and gather the scattered of Judah from the four corners of the world.
		Revelation 7:1 ¹ And after that, I saw four Angels stand on the four corners of the earth, holding the four winds of the earth, that the winds should not blow on the earth, neither on the sea, aneither on any tree.
FIRMAMENT DOME	Genesis 1:6-8 Genesis 1:14-18 Genesis 1:20 Genesis 7:11 Genesis 8:2 Job 37:18 Psalm 19:1 Psalm 150:1 Isaiah 40:22 Ezekiel 1:22-26 Ezekiel 10:1 Daniel 12:3	Genesis 1:6-8 ⁶ ¶ Again God said, Let there be a □firmament in the midst of the waters, and let it separate the waters from the waters. ⁷ Then God made the firmament, and separated the waters, which were □under the firmament, from the waters which were above the firmament: and it was so. ⁸ And God called the firmament, □Heaven. So the evening and the morning were the second day. Genesis 1:14-18 ¹⁴ ¶ And God said, Let there be □lights in the firmament of the heaven, to □separate the day from the night, and let them be for □signs, and for seasons, and for days, and years. ¹⁵ And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. ¹⁶ God then made two great □lights: the greater light to □rule the day, and the lesser light to rule the night: he made also the stars. ¹⁷ And God set them in the firmament of the heaven, to shine upon the earth, ¹⁸ And to rule in the day, and in the night, and to separate the light from the darkness: and God saw that it was good.
		Genesis 1:20

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²⁰ Afterward God said, Let the waters bring forth in abundance every ©creeping thing that hath ©life: and let the fowl fly upon the earth in the ©open firmament of the heaven.
Genesis 7:11 ¹¹ ¶ In the six hundredth year of Noah's life, in the second month, the seventeenth day of the month, in the same day were all the ofountains of the great deep broken up, and the windows of heaven were opened,
Genesis 8:2-3 ² The fountains also of the deep and the windows of heaven were stopped, and the rain from heaven was restrained. ³ And the waters returned from above the earth, going and returning: and after the end of the hundred and fiftieth day the waters abated.
Job 37:18 ¹⁸ Hast thou stretched out the heavens, which are strong, and as a molten @glass?
Psalm 19:1 ¹ The Iheavens declare the glory of God, and the firmament showeth the work of his hands.
Psalm 150:1 ¹ Praise ye God in his ©Sanctuary: praise ye him in the ©firmament of his power.
Isaiah 40:22 ²² He sitteth upon the circle of the earth, and the inhabitants thereof are as grasshoppers, he stretcheth out the heavens as a curtain, and spreadeth them out, as a tent to dwell in.
Ezekiel 1:22-26 ²² And the similitude of the firmament upon the heads of the beasts was wonderful, like unto crystal spread over their heads above. ²³ And under the firmament were their wings straight, the
one toward the other: every one had two which covered them, and every one had two which covered their bodies. ²⁴ And when they went forth, I heard the noise of their wings, like the noise of great waters, and as the voice of the Almighty, even the voice of speech, as the noise of an
host: even when they stood, they elet down their wings.

		 ²⁵ And there was a voice from the firmament that was over their heads, when they stood, and had let down their wings. ²⁶ And above the firmament that was over their heads, was the fashion of a throne like unto a Sapphire stone, and upon the similitude of the throne was by appearance, as the similitude of a man above upon it. Ezekiel 10:1 ¹ And as I looked, behold in the firmament that was above the head of the @Cherubims there appeared upon them like unto the similitude of a throne, as it were a sapphire stone. Daniel 12:3 ³ And they that be @wise, shall shine, as the brightness of the firmament: and they that @turn many to
		righteousness, shall shine as the stars, forever and ever.
The SUN MOVES, THE EARTH DOES NOT:	Genesis 15:12 Genesis 15:17 Genesis 19:23 Genesis 32:31 Exodus 17:12	Genesis 15:12 ¹² And when the sun went down, there fell an heavy sleep unto Abram: and lo, ©a very fearful darkness fell upon him.
	Exodus 22:3 Exodus 22:26 Leviticus 22:7 Numbers 2:3	Genesis 15:17 ¹⁷ Also when the sun went down, there was a darkness: and behold, a smoking furnace, and a firebrand, which went between those pieces.
	Numbers 21:11 Numbers 34:15 Deuteronomy 4:41 Deuteronomy 4:47 Deuteronomy	Genesis 19:23 ²³ ¶ The sun did rise upon the earth, when Lot entered into Zoar.
	11:30 Deuteronomy 16:6 Deuteronomy 23:11	Genesis 32:31 ³¹ And the sun rose up to him as he passed Peniel, and he ©halted upon his thigh.
	Deuteronomy 24:13 Deuteronomy 24:15 Joshua 1:15 Joshua 8:29 Joshua 10:27	Exodus 17:12 ¹² Now Moses' hands were heavy: therefore they took a stone and put it under him, and he sat upon it: and Aaron and Hur stayed up his hands, the one on the one side, and the other on the other side: so his hands were steady until the going down of the sun.
	Joshua 10.27 Joshua 12:1 Joshua 13:5 Joshua 19:12 Joshua 19:27 Joshua 19:34 Judges 8:13	Exodus 22:3 ³ But if it be © in the daylight, © blood shall be shed for him: for he should make full restitution: if he had not wherewith, then should he be sold for his theft. Exodus 22:26

Judges 9:33	²⁶ If thou take thy neighbor's raiment to pledge, thou shalt
Judges 14:18	restore it unto him before the sun go down
Judges 19:14	
Judges 20:43	Leviticus 22:7
2 Samuel 2:24	⁷ But when the Sun is down, he shall be clean, and shall
2 Samuel 3:35	afterward eat of the holy things: for it is his of od.
2 Samuel 23:4	
1 Kings 22:36	Numbers 2:3
2 Chronicles 18:34	³ On the East side toward the rising of the sun, shall they
Psalm 50:1	
	of the standard of the host of Judah pitch according to
Psalm 113:3	their armies: and Nahshon the son of Amminadab shall
Ecclesiastes 1:5	be ©captain of the sons of Judah.
Isaiah 41:25	
Isaiah 45:6	Numbers 21:11
Isaiah 59:19	¹¹ ¶ And they departed from Oboth, and pitched bin lje
Jeremiah 15:9	Abarim, in the wilderness, which is before Moab on the
Daniel 6:14	East side.
Amos 8:9	
Jonah 4:8	Numbers 34:15
Micah 3:6	¹⁵ Two tribes and an half tribe have received their
Nahum 3:17	inheritance on this side of Jordan toward Jericho full East.
Malachi 1:11	
Matthew 5:45	Deuteronomy 4:41
Mark 16:2	⁴¹ ¶ Then Moses separated three cities on this side of
Ephesians 4:26	Jordan toward the sun rising:
James 1:11	solutil toward the ball hoing.
	Deuteronomy 4:47 ⁴⁷ And they possessed his land, and
	the land of Og King of Bashan, two Kings of the Amorites,
	which were on this side Jordan toward the sun rising:
	Doutoronomy 11,20
	Deuteronomy 11:30 ³⁰ Are they not beyond Jordan on that part, where the
	Sun goeth down in the land of the Canaanites, which
	dwell in the plain over against Gilgal, beside othe grove of
	Moreh?
	Deuteronomy 16:6
	⁶ But in the place which the Lord thy God shall choose to
	place his Name, there thou shalt offer the Passover at
	even, about the going down of the sun, in the season that
	thou camest out of Egypt.
	Deuteronomy 23:11
	¹¹ But at even he shall wash himself with water, and when
	the sun is down, he shall enter into the host.
	Deuteronomy 24:13

¹³ But shalt restore him the pledge when the sun goeth down, that he may sleep in his raiment, and bless thee: and it shall be righteousness unto thee [®] before the Lord thy God.
Deuteronomy 24:15 ¹⁵ Thou shalt give him his hire for his day, neither shall the sun go down upon it: for he is poor, and therewith sustaineth his life: lest he cry against thee unto the Lord, and it be sin unto thee.
Joshua 1:15 ¹⁵ Until the Lord have given your brethren rest as well as to you, and until they also shall possess the land, which the Lord your God giveth them: then shall ye return unto the land of your possession, and shall possess it, which land Moses the Lord's isservant gave you on this side Jordan toward the sun rising.
Joshua 8:29 ²⁹ And the king of Ai he hanged on a tree, unto the evening. And as soon as the sun was down, Joshua commanded Interface they should take his carcass down from the tree, and cast it at the entering of the gate of the city, and lay thereon a great heap of stones, that remaineth unto this day.
Joshua 10:27 ²⁷ And at the going down of the sun, Joshua gave commandment, that they should take them down off the trees, and cast them into the cave (wherein they had been hid) and they laid great stones upon the cave's mouth, which remain until this day.
Joshua 12:1 ¹ And these are the Kings of the land, which the children of Israel smote and possessed their land on the bother side Jordan toward the rising of the sun, from the river Arnon, unto mount Hermon, and all the plain Eastward.
Joshua 13:5 ⁵ And the land of the Gebalites, and all Lebanon toward the Sun rising from Baal Gad under mount Hermon, until one come to Hamath.
Joshua 19:12

¹² And turneth from Sarid Eastward toward the Sun rising
unto the border of Chisloth Tabor, and goeth out to Daberath, and ascendeth to Japhia,
Joshua 19:27 ²⁷ And turneth toward the Sun rising to Beth Dagon, and
cometh to IZebulun, and to the valley of Jiphthah El, toward the North side of Beth Emek, and Neiel, and goeth out on the left side of Cabul,
Joshua 19:34 ³⁴ So this coast turneth Westward to Aznoth Tabor, and
goeth out from thence to Hukkok, and reacheth to Zebulun on the South side, and goeth to Asher on the West side, and to Judah uby Jordan toward the sun rising.
Judges 8:13 ¹³ ¶ So Gideon the son of Joash returned from battle, ®the sun being yet high,
Judges 9:33 ³³ And rise early in the morning as soon as the sun is up,
and assault the city: and when he and the people that is with him, shall come out against thee, do to him what thou canst.
Judges 14:18 ¹⁸ And the men of the city said unto him the seventh day
before the sun went down, What is sweeter than honey? and what is stronger than a Lion? Then said he unto them, I ye had not plowed with my heifer, ye had not found out my riddle.
Judges 19:14
¹⁴ So they went forward upon their way, and the Sun went down upon them near to Gibeah, which is in Benjamin.
Judges 20:43
⁴³ Thus they compassed the Benjamites about, and ©chased them at ease, and overran them, even over against Gibeah on the East side.
2 Samuel 2:24 ²⁴ Joab also and Abishai pursued after Abner: and the sun
went down when they were come to the hill Ammah, that lieth before Giah by the way of the wilderness of Gibeon.
2 Samuel 3:35

³⁵ Afterward all the people came to cause David eat ⊍meat while it was yet day, but David swore, saying, So do God to me and more also, if I taste bread, or ought else till the sun be down.
2 Samuel 23:4 ⁴ Even as the morning light when the sun riseth, the morning, I say, without clouds, so shall mine house be, and not as the ¤grass of the earth is by the bright rain.
1 Kings 22:36 ³⁶ And there were a proclamation throughout the Imbost about the going down of the Sun, saying, Every man to his city, and every man to his own country.
2 Chronicles 18:34 ³⁴ And the battle increased that day: and the king of Israel ®stood still in his chariot against the Aramites until even, and died at the time of the sun going down.
Psalm 50:1 ¹ The God of gods, even the Lord hath spoken and called the bearth from the rising up of the Sun, unto the going down thereof.
Psalm 113:3 ³ The Lord's Name is praised from the rising of the sun, unto the going down of the same.
Ecclesiastes 1:5 ⁵ The sun riseth, and the sun goeth down, and draweth to his place where he riseth.
Isaiah 41:25 ²⁵ ¶ I have raised up from the [©] North, and he shall come: from the East sun shall he [©] call upon my name, and shall come upon [©] princes as upon clay, and as the potter treadeth mire under the foot.
Isaiah 45:6 ⁶ That they may know from the rising of the sun, and from the West, that there is none besides me. I am the Lord, and there is none other.
Isaiah 59:19 ¹⁹ So shall they fear the Name of the Lord from the West, and his glory from the rising of the Sun; for the enemy

shall ©come like a flood; but the Spirit of the Lord shall chase him away.
Jeremiah 15:9 ⁹ She that hath borne ¹⁰ seven, hath been made weak: her heart hath failed: the sun hath failed ¹⁰ her, while it was day, she hath been confounded, and ashamed, and the residue of them will I deliver unto the sword before their enemies, saith the Lord.
Daniel 6:14 ¹⁴ When the King heard these words, he was sore displeased with himself, and set his heart on Daniel, to deliver him: and he labored till the sun went down, to deliver him.
Amos 8:9 ⁹ And in that day, saith the Lord God, I will even cause the ©Sun to go down at noon: I will darken the earth in the clear day.
Jonah 4:8 ⁸ And when the sun did arise, God prepared also a fervent East wind: and the sun beat upon the head of Jonah, that he fainted and wished in his heart to die, and said, It is better for me to die than to live.
Micah 3:6 ⁶ Therefore ©night shall be unto you for a vision, and darkness shall be unto you for a divination, and the Sun shall go down over the prophets, and the day shall be dark over them.
Nahum 3:17 ¹⁷ Thy princes are as the grasshoppers, and thy captains as the great grasshoppers which remain in the hedges in the cold day: but when the sun ariseth, they flee away, and their place is not known where they are.
Malachi 1:11 ¹¹ For from the rising of the sun unto the going down of the same, my Name is great among the Gentiles, and in every place incense shall be offered unto my Name, and a pure offering: for my Name is great among the heathen, saith the Lord of hosts.
Matthew 5:45

		⁴⁵ and That ye may be the children of your father that is in heaven: for he maketh his sun to arise on the evil and the good, and sendeth rain on the just and unjust.
		Mark 16:2 ² Therefore early in the morning, the first day of the week, they came unto the sepulcher, when the Sun was now risen.
		Ephesians 4:26 ²⁶ ²⁶ ²⁶ ²⁶ ²⁶ ²⁶ ²⁶ ²⁶
		James 1:11 ¹¹ For as when the sun riseth with heat, then the grass withereth, and his flower falleth away, and the goodly shape of it perisheth: even so shall the rich man wither away in all his sways.
The sun STOPS moving	Isaiah 60:20 Job 9:7 Joshua 10:12-14 Habakkuk 3:11	Isaiah 60:20 ²⁰ Thy Sun shall never go down, neither shall thy Moon be hid: for the Lord shall be thine everlasting light, and the days of thy sorrow shall be ended.
		Job 9:7-8 ⁷ He commandeth the Sun, and it riseth not: he closeth up the stars, as under a signet. ⁸ He himself alone spreadeth out the heavens, and walketh upon the height of the Sea.
		Joshua 10:12-14 ¹² ¶ Then spake Joshua to the Lord, in the day when the Lord gave the Amorites before the children of Israel, and he said in the sight of Israel, Sun, stay thou in Gibeon, and thou Moon, in the valley of Aijalon. ¹³ And the Sun abode, and the moon stood still, until the people avenged themselves upon their enemies: (is not this written in the book of @Jasher?) so the Sun abode in the midst of the heaven, and hasted not to go down for a whole day. ¹⁴ And there was no day like that before it, nor after it, that the Lord heard the voice of a man: for the Lord @fought for
		Habakkuk 3:11 ¹¹ The wsun and moon stood still in their habitation: wat the light of thine arrows they went, and at the bright shining of thy spears.

The sun MOVES Backwards	2 Kings 20:8-11	 2 Kings 20:8-11 ⁸¶ For Hezekiah had said unto Isaiah, What shall be the sign that the Lord will heal me, and that I shall go up into the house of the Lord the third day? ⁹ And Isaiah answered, This sign shalt thou have of the Lord, that the Lord will do that he hath spoken, Wilt thou that the shadow go forward ten degrees, or go back ten degrees? ¹⁰ And Hezekiah answered, It is a light thing for the shadow to pass forward ten degrees: not so then, but let the shadow is back ten degrees. ¹¹ And Isaiah the Prophet called unto the Lord, and he brought again the shadow ten degrees back by the degrees whereby it had gone down in the indial of Ahaz.
The moon has its OWN light	Genesis 1:16 Isaiah 13:10 Isaiah 30:26 Isaiah 60:19-20 Jeremiah 31:35 Matthew 24:29 Mark 13:24 Ezekiel 32:7 Revelation 21:23	Genesis 1:16 ¹⁶ God then made two great ⊌lights: the greater light to ⊮rule the day, and the lesser light to rule the night: he made also the stars. Isaiah 13:10 ¹⁰ For the ⊎stars of heaven and the planets thereof shall not give their light: the sun shall be darkened in his going forth, and the moon shall not cause her light to shine. Isaiah 30:26 ²⁸ Moreover, the light of the Moon shall be as the light of the ⊌Sun, and the light of the Sun shall be sevenfold, and like the light of seven days in the day that the Lord shall bind up the breach of his people, and heal the stroke of their wound. Isaiah 60:19-20 ¹⁹ Thou shalt have no more Sun to shine by day, neither shall the brightness of the ⊌Moon shine unto thee: for the Lord shall be thine everlasting light, and thy God, thy glory. ²⁰ Thy Sun shall never go down, neither shall thy Moon be hid: for the Lord shall be thine everlasting light, and the days of thy sorrow shall be ended. Jeremiah 31:35 ³⁵ Thus saith the Lord, which giveth ⊎the sun for a light to the day, and the courses of the moon and of the stars for a light to the night, which breaketh the sea, when the waves thereof roar: his Name is the Lord of hosts. Matthew 24:29 ²⁹ ⇔And immediately after the tribulations of those days shall the sun be darkened, and the moon shall not give her light,

		and the stars shall fall from heaven, and the powers of heaven shall be shaken.
		Mark 13:24-26 ²⁴ ¶ Moreover in those days, after that tribulation, the sun shall wax dark, and the moon shall not give her light, ²⁵ And the stars of heaven shall fall: and the powers which are in heaven, shall shake. ²⁶ And then shall they see the Son of man, coming in the clouds, with great power and glory.
		Ezekiel 32:7-9 ⁷ And when I shall I put thee out, I will cover the heaven, and make the stars thereof dark: I will cover the sun with a cloud, and the moon shall not give her light. ⁸ All the lights of heaven will I make dark for thee, and bring Indarkness upon thy land, saith the Lord God. ⁹ I will also trouble the hearts of many people, when I shall bring thy destruction among the nations, and upon the countries which thou hast not known.
		Revelation 21:23 ²³ And their city hath no need of the Sun, neither of the Moon to shine in it: for the glory of God did light it: and the Lamb is the light of it. ²⁴ And the people which are saved, shall walk in the light of it: and the kings of the earth shall bring their glory and honor unto it. ²⁵ And the gates of it shall not be shut by day: for there shall be no night there.
High Altitude Perspectives	Daniel 4:11 Daniel 4:20 Matthew 4:8	Daniel 4:11 ¹⁰ I saw in the visions of mine head upon my bed, and behold, a ⊠watchman and an holy one came down from heaven, ¹¹ And cried aloud, and said thus, Hew down the tree, and break off his branches: shake off his leaves, and scatter his fruit, that the beasts may flee from under it, and the fowls from his branches.
		Daniel 4:20 ²⁰ Whereas the King saw a watchman, and an holy one that came down from heaven, and said, Hew down the tree, and destroy it, yet leave the stump of the roots thereof in the earth, and with a band of iron and brass bind it among the grass of the field, and let it be wet

		with the dew of heaven, and let his portion be with the beasts of the field, will seven times pass over him. Matthew 4:8 ⁸ Again the devil took him up into an exceeding high mountain, and showed him all the kingdoms of the world, and the glory of them,
Everyone Sees Jesus	Revelation 1:7	Revelation 1:7 ⁷ Behold, he cometh with clouds, and every weye shall see him: yea, even they which pierced him through: and all kindreds of the earth shall wail before him, Even so, Amen.
New Jerusalem, The HUGE CUBE	Revelation 21:15- 17	Revelation 21:15-17 ¹⁴ And the wall of the city had Intervelve foundations, and in them the names of the Lamb's twelve Apostles. ¹⁵ And he that walked with me, had a golden reed, to measure the city withal, and the gates thereof, and the wall thereof. ¹⁶ And the city lay Infoursquare, and the length is as large as the breadth of it, and he measured the city with the reed, twelve thousand furlongs: and the length, and the breadth, and the height of it are equal. ¹⁷ And he measured the wall thereof an hundred forty and four cubits, by the measure of man, that is, of the Intervel. ¹⁸ And the building of the wall of it was of jasper: and the city was pure gold, like unto clear glass. ¹⁹ And the foundations of the wall of the city were garnished with all manner of precious stones: the first foundation was jasper: the second of Sapphire: the third of a Chalcedony: the fourth of an Emerald:
"BREADTH" spread out "FLAT" of the earth	Revelation 20:9	Revelation 20:9 ⁹ And they went up into the uplain of the earth, and they compassed the tents of the Saints about, and the beloved city: but ufire came down from God out of heaven, and devoured them.
Matthews Bible from 1537 says "FLAT EARTH"	2 Samuel 11:11	2 Samuel 11:11 ¹¹ Then Uriah answered David, The Ark and Israel, and Judah dwell in tents: and my lord Joab and the servants of my lord abide in the flat earth: shall I then go into mine house to eat and drink, and lie with my wife? by thy life, and by the life of thy soul, I will not do this thing.
Creation Worshippers	Deuteronomy 4:19 Deuteronomy 17:3 2 Kings 23:5 Jeremiah 8:2	Deuteronomy 4:19 ¹⁹ And lest thou lift up thine eyes unto heaven, and when thou seest the sun and the moon and the stars with all the host of heaven, shouldest be driven to worship them and serve them, which the Lord thy God hath @distributed to all people under the whole heaven.

		Deuteronomy 17:3 ³ And hath gone and served other gods, and worshipped them: as the sun, or the moon, or any of the host of heaven, which I have not ©commanded, ² Kings 23:5 ⁵ And he put down the ©Chemarims, whom the kings of Judah had founded to burn incense in the high places, and in the cities of Judah and about Jerusalem, and also them that burnt incense unto Baal, to the sun and to the moon, and to the planets, and to all the host of heaven.
God's Word is Always	Jeremiah 42:5	Jeremiah 8:2 ² And they shall spread them before the sun, and the moon, and all the host of heaven, whom they have loved, and whom they have served, and whom they have followed, and whom they have sought, and whom they have worshipped: they shall not be gathered nor be buried, but shall be as dung upon the earth. Jeremiah 42:5
Faithful and TRUE	Revelation 3:14 Revelation 19:11 Revelation 21:5 Revelation 22:6	⁵ Then they said to Jeremiah, ^a The Lord be a witness of truth, and faith between us, if we do not even according to all things for the which the Lord thy God shall send thee to us.
		Revelation 3:14 ¹⁴ And unto the Angel of the Church of the Laodiceans write, These things saith Amen, the faithful and true witness, that beginning of the creatures of God.
		Revelation 19:11 ¹¹ And I saw heaven open, and behold a white horse, and he that sat upon him was called faithful and true, and he judgeth and fighteth righteously.
		Revelation 21:5 ⁵ And he that sat upon the throne, said, Behold, I make all things new, and he said unto me, Write: for these things are faithful and true. ⁶ And he said unto me, I t is done, I am Alpha and Omega, the beginning and the end: I will give to him that is athirst, of the well of the water of life freely.
		Revelation 22:6 ⁶ And he said unto me, These words are faithful and true: and the Lord God of the holy Prophets sent his Angel to

		show unto his servants the things which must shortly be
The waters are contained by an ice "wall".	Job 37:10-12 Job 37:18 Job 38:29-30	fulfilled. Genesis 1: In the beginning, God created the heavens and the earth. The Earth was without form and void and darkness was on the face of the deep and the spirit of God was hovering over the face of the waters. According to this verse, water was already inexistence. Let there be a firmament in the midst of the waters and let it divide the waters from the waters Thus, God made the firmament and divided the waters which were under the firmament from the waters which were above the firmament and it was so. Job 37:10-12: From the chamber of the south comes the whirlwind, And cold from the scattering winds of the north. ¹⁰ By the breath of God ice is given, And the broad waters are frozen. ¹¹ Also with moisture He saturates the thick clouds; He scatters His labright clouds. ¹² And they swirl about, being turned by His guidance, That they may do whatever He commands them On the face of lifthe whole earth. 18. Why are your garments hot, When He quiets the earth by the south wind? ¹⁸ With Him, have you spread out the skies, Strong as a cast metal mirror? Job 38:29-30 From whose womb comes the ice? And the frost of heaven, who gives it birth? ³⁰ The waters harden like stone,
		 2Tim. 4:3 For the time will come when they will not endure sound doctrine; but wanting to have their ears tickled, they will accumulate for themselves teachers in accordance to their own desires, 2Tim. 4:4 and will turn away their ears from the truth and will turn aside to myths.

1Tim. 6:20 O Timothy, guard what has been entrusted to you, avoiding worldly and empty chatter and the opposing arguments of what is falsely called "knowledge" — 1Tim. 6:21 which some have professed and thus gone astray from the faith. Grace be with you.
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SECTION 2 True Earth Q&A

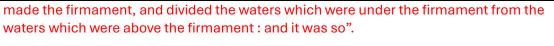
Credit to "Jon Truth"

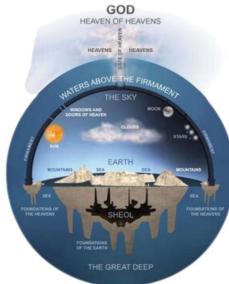
TruEarth (truearthbook.com)

Please note, I do not buy into everything Jon Truth is putting out there but this page is about considering all the options and he presents some compelling, if not interesting ideas and insights regarding the shape of the earth.

COLOR CODING	*Note* every time you see a word, name, or title with this next to it : (*word), the word inside the parenthesis with a *star next to it is a pagan word/name that i have corrected to the true title, name, or word. The correct word, name, or title will be in Green. God's word is in red. Things of special note in purple.
OBVIOUS QUESTIONS	Let's start with the obvious question Why would they lie about such a thing in the first place? Well, the Bible tells us that Satan is the father of lies. Satan will do anything in his power to take you away from the truth that lies in the word of Alhohim (*God), simultaneously making the Bible seem unreliable to the nations. Satan had 3 main objectives when he deceived the masses with globe earth. To make you feel like a small, unimportant spec of dust that's flying thru a scary dark vast never ending space vacuum. When in fact the Bible say's we are the apple of Yahuah's(*The LORD's) eye. We are much larger and more important then we where programmed to believe as young children. We are the center of Ahlohim's(*God) creation, and his throne sits directly above our flat earth's firmament dome that Ahlohim's(*God) has created to separate the waters above from the waters below so that he could make dry land appear. To make the Scriptures(*bible) seem like an unreliable source, think about it, if everything we have been programmed with in school since a young age goes completely against how the Scriptures(*bible) to be unreliable and untrustworthy, making everything else in the Scriptures(*bible) to be unreliable and untrustworthy, making everything else in the Scriptures(*bible) seem faulty as well. To destroy your Ahlohim(*God) given intuition and cause you to lose trust in yourself at young age, allowing you to me more susceptible to programming and control.

	Yahuah(*The LORD) gave us an intuition at birth to be able to have gut feelings about things and know right from wrong, and we all knew from birth that the earth is how it says in the bible, flat non rotating, stationary, etc. But since it was jammed into our subconscious at a young age, we lost trust in our own intuition, and gave up control of our ability to free think and discern, to the will of the higher ups. The Bible tells us that wisdom is more valuable then rubies, so without further ado, my name is Jon Truth, and today I will be breaking your mind out of the matrix, feeding you precious wisdom about Yahuah's(*The LORD's) creation, the flat earth, and the mountain of Ahlohim(*God) in the north pole (mount Zion). Yahuhanon(*John) 8:32 "and ye shall know the truth and the truth shall set you free.
Back to the Basics	Lets get back to the basics. Beresheeth (*Genesis 1:1) tells us "in the beginning Ahlohim(*God) created the heaven and the earth" Not the ever expanding space vacuum and planets that defy basic science by having curved water sticking to the outside while spinning and flying through space faster than the speed of a rifle bullet, sounds like a fairy tale right? That's because it is.
	But Satan just happens to be good at lying, that's why he's known as the father of lies, he fabricated such a big, sophisticated lie that we were bound to believe it. At ages 1-7 our brains are in delta mode, receiving heeds of information, and turning them into paradigms.
	A paradigm is a program in your subconscious mind that consists of a belief system you have about certain things, and paradigms actually deny you from being open minded to new information.
	So by the time we were 7 we had already made stupid solar system projects, seen tons of CGI pictures, videos, and movies that created a firm programmed belief in our minds that that earth is a flying sticky water ball, flying through a never ending vacuum of space, making us seem like a small unimportant helpless spec of dust. Pretty scary right?
	The globe model goes completely against what the Scriptures(*bible) has plainly laid out for us about the creation of the earth, which is why satan did it in the first place. Since we firmly believed this lie at such a ripe and young age, our subconscious will automatically deny the first page of the Scriptures(*bible), simultaneously counting the entirety of the Scriptures(*bible) false.
	This is why it is extremely important to know the truth about creation and where you came from. The truth sets you free! Now let me be clear, knowing the truth about the flat earth is not a salvation issue for believer's, but knowing the full truth about creation and how perfectly the Scriptures(*bible) has explained the earth for us, helps us to have more faith in the rest of what Ahlohim(*God) word says as well.
God's Firmament	Now we know that Ahlohim(*God) first created the heaven and the earth, Lets now look to Beresheeth 1:6-7 (genesis 1:6-7) : "And Ahlohim(*God) said, Let there be a firmament in the midst of the waters, and let it divide the waters from the waters. And Ahlohim(*God)





Looking something like this, as you can see we have waters below the firmament, which is our oceans, and then above the firmament is the waters above. Fast forward to Beresheeth 1:14-17 (*Genesis 1:14-17) : "And Ahlohim(*God) said, let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and years; And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. And Ahlohim(*God) made 2 great lights; the greater light to rule the day (sun) and the lesser light to rule the night(moon): he made the stars also. And Ahlohim(*God) set them in the firmament of the heaven to give light upon the earth".

Boom, so right there we know that the sun is not gigantic ball of gas and fire that's 96 million miles away, and that the moon is not a rock that broke of from the earth and just happens to be a perfect circle shape appearing the same exact size as the sun in the sky and following the same exact trajectory of the sun each day since the dawn of time, crazy how much of a fairy tale the heliocentric model is when you start to ponder on it.

Yahuah(*The LORD) plainly told us that he created 2 great lights, one of them is made to rule the day, one is made to rule the night, and that he set them inside the firmament of the heaven, meaning these lights are actually in our atmosphere.

Now before we move forward, lets simply look at the original biblical usage of firmament, because many pastors like to say it just means expanse, and that its referring to space, which is in fact wrong because how could nothing be holding up water, and where is this water at in space? It's not, space is fake, and the water is directly above the firmament that Yahuah(*The LORD) created. Scriptural usage of firmament : extended SOLID surface, vault of the heaven, supporting the waters above, considered by the Hebrew's as solid and supporting the waters above.

This is why it's so insanely important for us to read the most accurate version of the scriptures, and at the same time we must go and seek the true biblical usage for these words that are displayed in the Scriptures(*bible). The firmament is clearly not space, its a solid surface that is supporting the waters above the firmament, just like how Yahuah(*The LORD) plainly said it.

We can confirm this by looking at a few different verses, firstly let take a look at lyov 37:18 (*Job 37:18) "Hast thou with him spread out the sky, which is strong, and as a molten looking glass." So right there we know that Ahlohim(*God) was referring to the firmament, something that is strong and as a molten glass, is clearly the solid surface supporting the waters above that the Ahlohim(*God) was referring to when he used the word Firmament.

We see this again when we look at Chazon 15:2 (*Revelation 15:2) "And I saw as it were a sea of glass mingled with fire: and them that had gotten the victory over the beast, and over his image, and over his mark, and over the number of his name, stand on the sea of glass, having the harps of Ahlohim(*God)." If you know anything about glass, you know that its made from sand and other raw materials that are melted at extremely high temperatures, which is exactly what God did! He mingled the glass firmament with fire. And if those who had gotten victory over the beast where standing on the sea of glass, then that has to mean that the firmament is a solid surface.

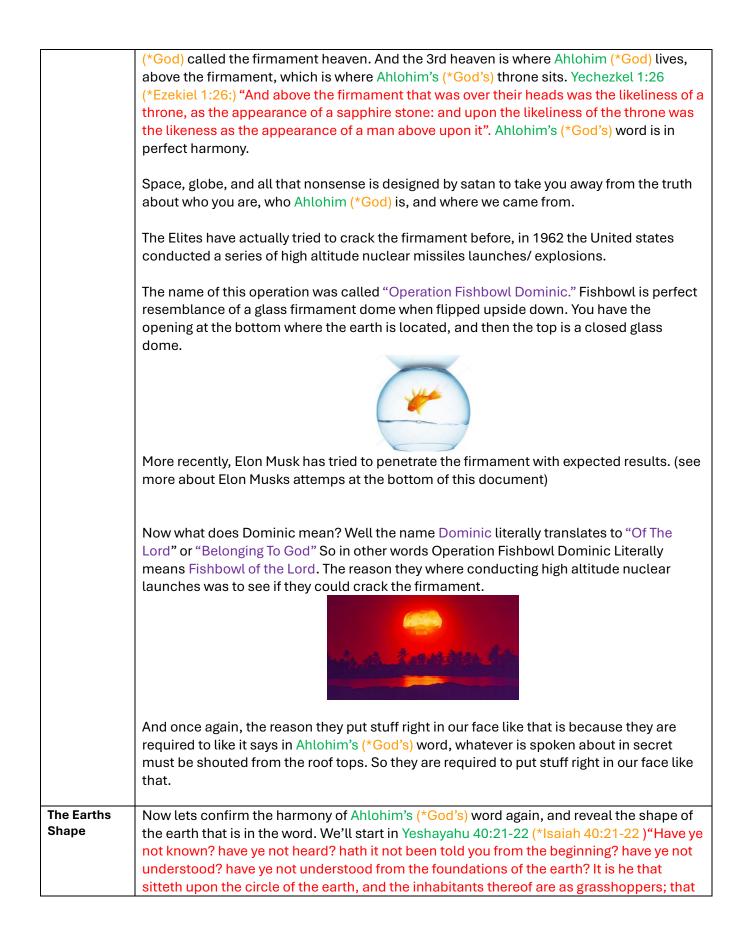
Yahuah's (*The LORD's) word does not contradict itself, its all in perfect harmony. We see this again prophesied in the book of Yechezkel 1:22 (*Ezekiel 1:22) "and the likeliness of the firmament upon the heads of the living creature was as the color of the terrible crystal, stretched forth over their heads above". And if you know anything about crystal, you know its made by the melting together of various chemicals or elements, in other words, like said in revelation, mingled with fire.

Now as for Ahlohim's (*God's) throne, it sits directly above the firmament Yechezkel 1:26 (*Ezekiel 1:26): "And above the firmament that was over their heads was the likeliness of a throne, as the appearance of a sapphire stone: and upon the likeliness of the throne was the likeness as the appearance of a man above upon it." This is why Tehillim 17:8 (*Psalm 17:8) tells us that we are the apple of Ahlohim's (*God's) eye, we are the center of his creation, and we are much larger and more important then we have been taught to believe, we are not just a spec of dust in some vast universe, the earth and heavens are the universe that Ahlohim's (*God) created.

It also makes ALOT more sense now when we look at the days of Noah when the flood happened in Beresheeth 7:11-12 (*Genesis 7:11-12) "The same day where all the fountains of the great deep broken up, and the windows of heaven were opened. And the rain was upon the earth forty days and forty nights."

Right, so we know that in Beresheeth 1:8 (*Genesis 1:8) "God called the firmament heaven." Which means the windows of the firmament were opened, allowing the waters above the firmament to down pour onto the earth and flood it.

There are 3 layers of heaven, we have the first heaven which is wear the birds fly, we call it the sky. Then we have the second heaven, which is the firmament, because Ahlohim



stretcheth out the heavens as a curtain, and spreadeth them out as a tent to dwell in. Wow, what deep and meaningful verse, lets break it all down. So first we know that Ahlohim (*God) sits above the firmament, above the earth, just like it says in the verses we discussed previously.

Now right there we know that if Ahlohim (*God) is sitting above the earth, it must be flat and stationary, how could he sit above a globe that's spinning, flying, rotating, at faster then the speed of a bullet. News flash, he's not.

Now the very next line tells us that Ahlohim (*God) sits above the circle of the earth, circles are flat, a circle is a 2 dimensional shape, and anyone that tries to tell you that Ahlohim (*God) was referring to a globe is deceived and needs to go back to kinder garden to learn basic shapes because Ahlohim (*God) makes no mistakes in his word, if the earth was a globe, it was be very clear in the scriptures. Now this verse also tells us that the earth has foundation (hath ye not understood from the foundations of the earth) which we will get to in a minute, but just for the record folks, something that's spinning, hurdling, rotating, flying, orbiting, has no foundation whatsoever.

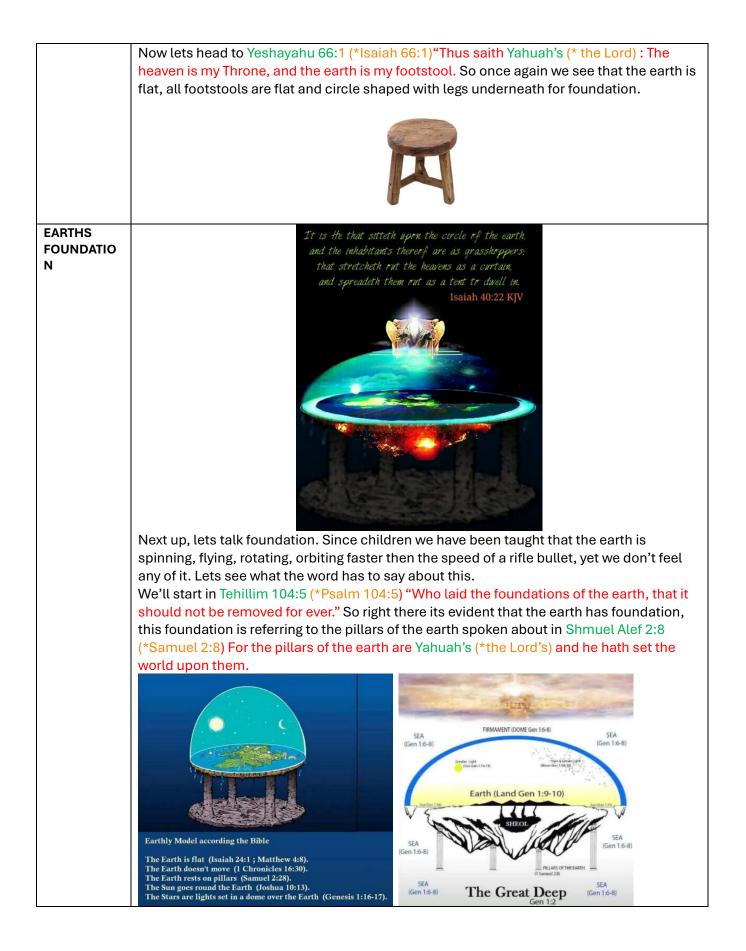
Now the last part of the verse is in complete harmony with the firmament verses that we discussed previously. It tells us plainly that the heavens stretch out like a curtain and spreads out like a tent for us inhabitants to dwell in.

If you have a brain you know that a tent has a flat bottom, with a dome like surface over top. Even the tents back in the Scriptures (*The Bible) days that where made of animal skin took the resemblance of the flat earth and firmament.



I personally have never seen a tent in the shape of a ball that's spinning, flying, floating through a magic empty vacuum. And you see Ahlohim (*God) knew people were going to be fooled by satan's lies, which is why he made it so clear in the Bible, and even the beginning of that last verse, Ahlohim (*God) said "Have ye not known, have ye not heard, hath it not been told to you from the beginning? Have ye not undestood from the foundations of the earth"? Ahlohim (*God) is like seriously? I already gave you guys the basic knowledge in Beresheeth (Genesis) and you're still believing in something that is not of me.

The bible tells us in Romiyah 3:4 (*Romans 3:4) "Let Ahlohim's (*God) be true and every man a liar," so it just comes down to who are you gonna believe, the satanic foundation of NASA (man), or Ahlohim's (*God's) word.



This would be completely impossible according to the Satanic globe model, since in fact we are told that the earth is flying, orbiting, and spinning thru an empty space vacuum. And that's not all lets now look at Divre HaYamin Alef 16:30) (*1 Chronicles 16:30)"Fear before him, all the earth, the world also shall be stable, that it be not moved". Folks, the earth is not moving, the Lord has clearly told us that the world is stable and cannot be moved, going completely against the globe model once again. Now let's take a peak at Tehillim 93:1 (*Psalm 93:1) Yahuah (*The Lord) reigneth, he is clothed with majesty, Yahuah's (*the Lord) is clothed with strength, wherewith he hath girded himself, the world also is stablished, that it cannot be moved.

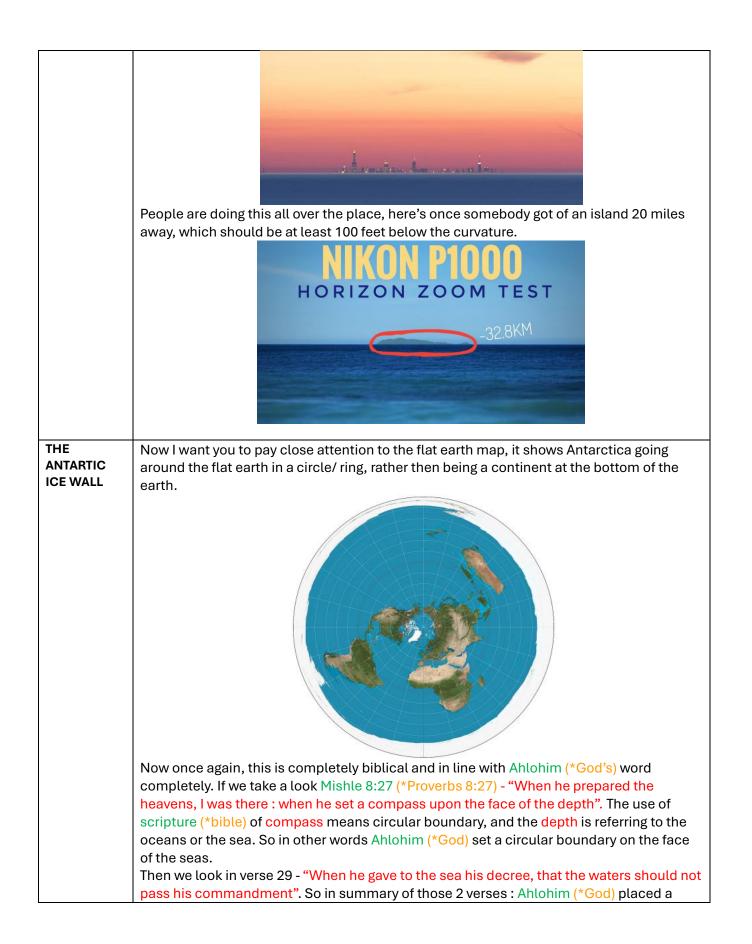
Notice how Yahuah (*the Lord) closely compares his strength and majesty to the earth not being movable, so if you confess that the world isn't stablished, and that it can be moved, you are basically saying that Yahuah (*the Lord) isn't clothed with strength and majesty.

You see where the satanic, scripture twisting, blasphemy comes in? The world cannot be moved. We must continue to look back at Romiyah 3:4 (*Romans 3:4) Let Yahuah (*God) be true, but every man a liar. His word is above all else and we must trust in it before trusting man made organizations like Nasa.

Not to mention, pilots do not account for the fact the earth is supposed to be rotating 1000 mph when they are landing. Which means the earth is not rotating.

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	This document is coming straight from Nasa's official website anyone can find this by a simple google search, as you can see they clearly tell us that the aircraft was flying over a flat, nonrotating earth. The reason they're able to slip little truth's out there like this is because in Luka 12:3 (*Luke 12:3) Yahuah (*God) tells us that What ever is spoken in secret, must be proclaimed from the rooftops". So part of his divine rules, they must slip small bits of truth out there when they are fabricating all these big lies.
THE SHAPE	The bible also tells us in lyov 38:14 (Job 38:14) The earth takes place like clay under a seal. So imagine you took some clay, and smooshed it down with something flat like a coin, the clay we be under the seal(the coin).
	Ahlohim (*God's), or man?
HOW TO DO A FLAT EARTH TEST	The best way to confirm that this earth is indeed a flat plane, is to do a curvature test, which is something I have done myself. Your gonna want to get you a high zoom camera like the Nikon p1000, and your going to want to find a large building far away, in the 15+ miles range. Then figure out how high that building is. Next your going to go your 15 miles away and zoom in with the high zoom camera and see if your able to see this building. See if your building has gone under the curvature at all, or if its still completely visible to the human eye. For me, we did a lighthouse on an island that was 20 miles away from us at the time. We zoomed in and saw the entire lighthouse in the camera view that was supposed to be 100% below the curvature of the Earth. Anyone can do this test to easily prove that we in fact do not live on a globe, and that the earth does not have curvature. Here's a shot someone took of the Chicago skyline from 60 miles away, this should actually be a couple thousand feet below the supposed curvature.

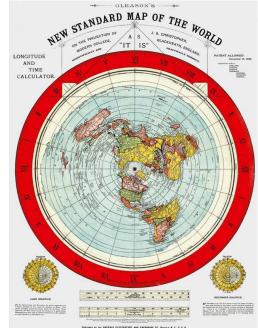


circular boundary on the face of the seas to keep the water from passing his commandment.

Just look at how perfect and beautiful Antarctica is, its just a perfect circular boundary that Ahlohim has created to keep the water level. Simple, yet stunning creation by our Master Yahuah.



Now we can confirm that this is true because this map that shows Antarctica being a circle ice wall boundary is actually used by pilots. And pilots are also told to not account for curvature or the earths rotation like we spoke about earlier.



As we can see towards the top, this is a scientifically, and practically correct map. And like I mentioned this map is used by all pilots.

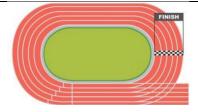
Now your probably wondering, who else uses the flat earth map? Well THE flat earth map is also the LOGO for the united nations.



And yes this is the flat earth map, not just a globe map inside of a circle, we know this because when we look at the united nations logo, Antarctica is missing, because that ring around the outside is supposed to represent it.

Now your probably wondering why would they put it right in our face when they are supposed to be the ones hiding it? Well because like I mentioned earlier, its part of

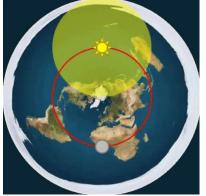
	Ahlohim's (*God's) rules, as it says in Luka 12:3 (*Luke 12:3) Whatever is spoken in secret must be shouted from the rooftops.
COMMON SENSE	Next lets look at Luka 4:5 (*Luke 4:5) And the devil, taking him up into an high mountain, shewed unto him all the kingdoms of the world in a moment of time. Now Imagine your at the top of a mountain on a ball, there's no way you would be able to see ALL the kingdoms of the world in just a moment of time on a ball, due to the curvature, you would have to travel to different sides of the ball to see all the kingdoms of the world, but that verse clearly told us that the devil showed Yahusha (*Jesus) ALL the kingdoms of the world in a moment of time (at once). This verse would only be possible on a flat plane where curvature wasn't blocking the rest of the kingdoms of the world from being seen in a moment of time. So once again, will you trust man, or our Ahlohim (*God)? Romiyah 3:4 (*Romans 3:4) Let Yahuah be true, but every man a liar.
THE REAL SUN AND MOON	So as we know, space is fake, and the firmament dome is covering the earth, and on the other side of that is just the waters above the firmament, no magical black space vacuum. So where are the sun, moon, and stars, and how do they appear to be moving around the way they are if space isn't real and we aren't moving. Well all we have to do is go back to "Beresheeth 1:14-17 ("Genesis 1:14-17) And Ahlohim ("God) said let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and for years: And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. And Ahlohim ("God) made 2 great lights, the greater light to rule the day, and the lesser light to rule the night: he made the stars also. And Ahlohim ("God) told us that he set the Sun, Moon, and Stars inside the firmament, not outside, so we now know that the sun moon and stars are actually in our atmosphere, not hundreds of thousands, to 10's of millions of miles away. I mean anyone with common sense can look up and see that the sun and moon are the exact same size, not to mention we have been seeing the same stars in the sky for thousands of years, when they tells us that we travel 550 million miles through space each year, what an absolute joke. Now your probably wondering, how on earth are they moving around in circles if we are not rotation or spinning or hurdling through space. Well its simple and its right in Ahlohim ("God's) Word. Lets take a look at Tehillim 19:4-6 (Psalm 19:4-6)"hat he set at abernacle for the san, Which is as a bridegroom coming out of his chamber, and rejoiceth as a strong man to run a race. His going forth is from the end of the heaven, and his circuit unto the ends of it: and there is nothing hid from the heat thereof". First off, what's a tabernacle? Its defined as a moveable light construction, so right there just like it mentions in genesis, we know that the sun is a light, not a flaming ball of gas and fire t



Ahlohim (*God) also told us that the going forth of the sun is from the end of the heaven (and remember in genesis, He called the firmament heaven) So he's saying the sun reaches all the way to the end of the firmament, or to the outer edge of it so to speak. And then He goes on to say that the suns circuit is unto the ends of the heaven. Now once again, lets define circuit. The definition of a circuit is a roughly circular line, route, or movement that starts and finishes at the same place. So we now know that the sun moves around inside the firmament like a strong manning running a race, moving around in a circular motion, finished at the place where it starts.

Now Ahlohim (*God) confirmed this once again when we look at Koheleth 1:5 (*Ecclesesiastes 1:5) "The sun also ariseth, and the sun goeth down, and hasteth to his place where he arose". So the sun rises and sets, and when it does this its going back to the place where is rose.

This is because just like in psalm, the sun is going back directly to the same spot because its moving in a circuit where the place it starts is the same place where it will finish. The sun and moon move in a perfect circular motion over the flat earth.



Now to prove Nasa are a bunch of fairy tale telling liars once again, they have told us that the moon is just a magical rock that broke off the earth that is reflecting light off the sun. They have also told us that the moon is only 256 thousand miles away, while the sun is 96 million miles away, yet they just happen to appear the same exact size in the sky, while also falling the same exact path in the sky each day.

So we know for a fact that the moon is not a rock from the earth that's reflecting light because God has told us that the moon produces its own light. In Beresheeth (*Genesis) Ahlohim (*God) has told us that he created the lesser light to rule the night. So right there we know that the moon is a light just like the sun, not a rock reflecting light. And he affirms this many times through out the good book. First take a look at Yeshayahu 5:10 (*Isaiah 5:10) "the moon shall not cause her light to shine".

So once again Ahlohim (*God) has told us that the moon gives its OWN light, not reflecting light from the sun. Not to mention if the moon was just a rock reflecting light it wouldn't be able to glow to such extent like seen in the photo below.



I mean COME ON! Just look at that, does that look like a rock that broke off the earth and is reflecting light from the sun? No it doesn't, it's clearly giving off its own light, which is a complete different color then the sun in the first place, not to mention they both appear the same exact size in the sky.

Ahlohim (*God) affirms this in Mattityahu 24:29 (*Mathew 24:29) "Immediately after the tribulation of those days shall the sun darkened, and the moon shall not give her light. And yet again in Yochanan Moshe 13:24 (*Mark 13:24) But in those days, after the tribulation, the sun shall be darkened, and the moon shall not give her light". So Ahlohim (*God) has made it very clear that the moon produces her own light, so its just a matter of who you want to believe, Nasa or Ahlohim (*God's) word? I'll choose His word every single time.

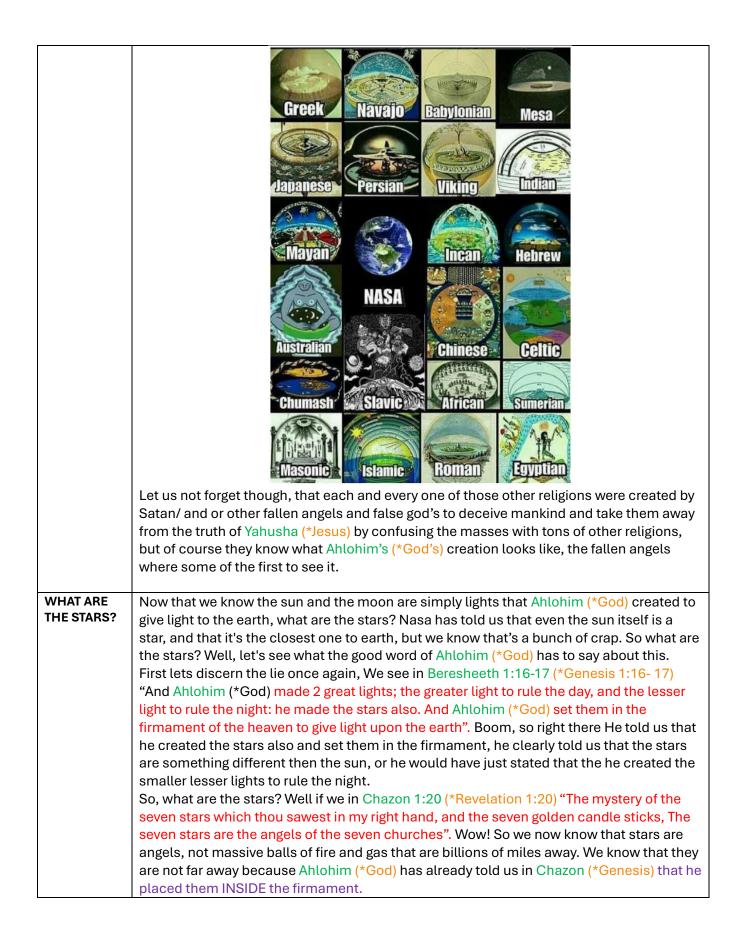
Now its time for us to affirm Ahlohim's (*God's) word once again about the sun and the moon. I want you to notice how in the Word, Ahlohim's refers to the sun as a He, and the moon as a She. This is because Ahlohim has made everything equal to create balance in his creation.

We have night and day, light and dark, male and female, masculine and feminine, black and white, big and small, and so on and so forth. Now how can we prove that the sun is a he and the moon is a she. Well all we have to do is simply look at Ahlohim (*God's) divine creation in men and woman. Men do not go through any cycle, men have the same energy levels all year round with out change. Yet if we look at woman, woman do have a cycle, just like the moon.... In fact woman have 12 periods each year, and there is 12 full moons every year. Woman are most fertile 15 days after the start of a new menstrual cycle, and the moon is the most full 15 days after the start of a new moon.

The sun is a much stronger light then the moon, we know that men are made much stronger than women because Ahlohim (God) said in Beresheeth (*genesis), he made woman from 1 rib of Adam, so woman have only a fraction of our strength, and if we look at the moon, its much less strong and bright as the sun.

This is because the sun is the greater light(he) and the moon is the lesser light(she). Yeshayahu 30:26 (*Isaiah 30:26) "The moon will shine like the sun, and the sunlight will be seven times brighter, like the light of seven full days". Yet they both have a beautiful divine purpose that need each other, neither of them is less important then the other, they just have different purposes, and that's how Ahlohim's (*God's) creation works. IT HAS ALWAYS BEEN KNOWN

Next I would like to mention how every single civilization had the same exact depiction of the universe, then Nasa came along and told us we live on a flying spinning, floating, careening, sticky curved water ball, traveling though an empty space vacuum. I mean just look at this, the odds are like 20 to 1. Nasa has some explaining to do.



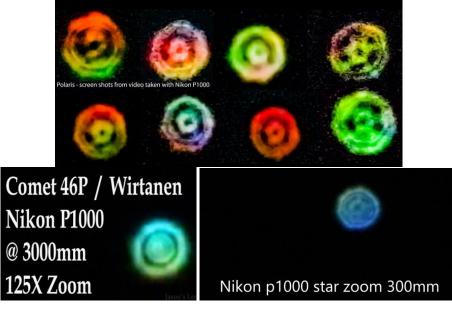
Now let's review more scripture that is in harmony with the stars being angels. If we look to Matityahu 2:2 (*Mathew 2:2) "Where is he that is born King of the Jews, for we have seen his star in the east, and are come to worship him". 2:9 "When they had heard the king they departed; and, lo, the star, which they saw in the east, went before them, till it came and stood over where the child was. When they saw the star, they rejoiced with exceeding great joy"

Now I don't know about you guys, but I don't think a ball of fire and gas thousands of times larger than the earth would be able to stand over someone, or even stand at all. What stood over Yahusha (*Jesus) was an angel, just like the He told us in Chazon (*Revelation) the stars are the angels, quite fascinating if you ask me.

Now what do the stars actually look like if they are not big balls of gas and fire like Nasa claims them to be? Well Ahlohim (*God) revealed that to us as well in Yechezkel 10:9-10 (*Ezekiel 10:9-10) "I looked, behold, the four wheels by the cherubims, one wheel by one cherub, and another wheel by another chub, and the appearance as the colour of a berly stone. And as for their appearances, they four had one likeness, as if a wheel had been in the midst of a wheel".

So right there Ahlohim (*God) was was revealing to us the appearance of a type of angel called a cherubim, and he said they appear as a wheel inside of a wheel.

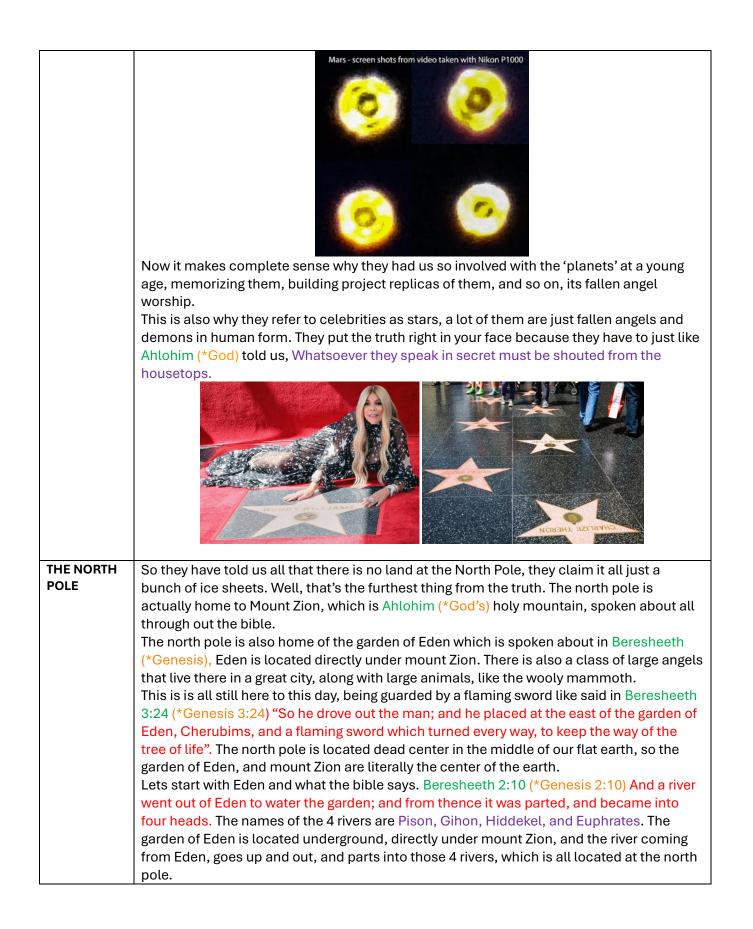
Well if we use a camera called the Nikon p1000, which has one of the best zooming features available to the public, we can actually zoom in on stars and look at there appearance, and low and behold, people all over the world have been getting pictures of stars with these camera's that appear just like how the cherubim angels are described in Ezekiel.

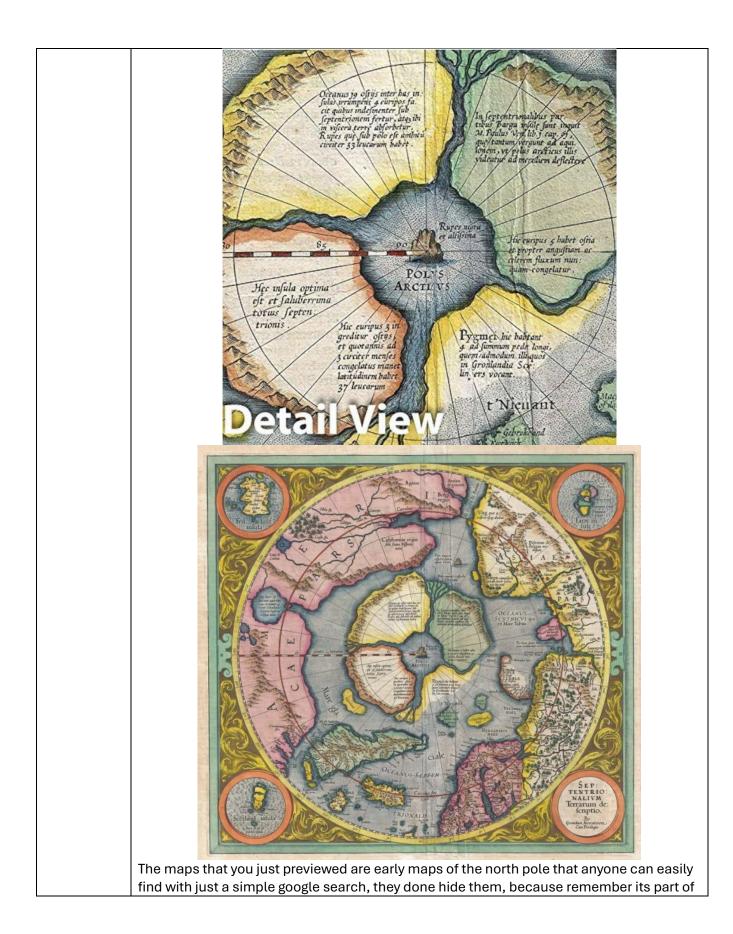


Wow! Amazing right? Nothing at all like what nasa puts out which is all CGI. The stars are angels, they take the appearance as a wheel inside of a wheel just like how the bible explains for us.

Some of them even have the same color patterns as Ahlohim (*God) told us in Yechezkel (*Ezekiel) as well, "and the appearance of the wheels was as the color of a beryl stone".

	Comet 46P / Wirtanen					
	Nikon P1000					
	@ 3000mm					
	125X Zoom Jason's Lens P					
	So beautiful isn't it!? Ahlohim (God's) word is always true, its way ahead of it's time, he					
	laid out everything perfectly for us in his word, yet nasa, and the government have completely twisted it for the soul purpose of taking us away from the truth.					
	Now lets continue to review the harmony of Ahlohim (God's) word when it comes to the					
	stars being angels. So its commonly known in Christianity that ½ of the angels fell, and					
	rebelled against The Most High, following satan. Now if we look in Chazon 12:4 (Revelation 12:4) "And his tail drew the third part of the					
	stars of heaven, and did cast them to the earth". So right there we know that the stars are					
	actually angels. And not to mention, if the stars where massive balls of gas and fire, if $1/3$ of					
	them where cast to the earth, the earth would be completely decimated, Nasa claims					
	that the average star is 1500x larger then the earth, how would $\frac{1}{3}$ of them be cast to the earth, its physically impossible.					
	Once again we can find that the stars are in fact angels if we look to Iyov 38:7 (*Job 38:7) "When the morning stars sang together, and all the sons of Ahlohim (*God) shouted for joy"					
	This once again confirms that the stars are angels. We also know that the sons of Ahlohim (*God), are a type of angel that are very much like human, That's why in Beresheeth (*Genesis) in the days of Na'AH (*Noah), it says that "the sons of god came into the daughters of men, and bare children with them". Those were some of the fallen angels, or the stars that were cast to earth. They were like human enough to where they where able to mate with human women and create an offspring; the nephilim.					
THE SO	The so called planets are not other planets, they are also stars/ angels. Except the bible					
CALLED PLANETS	refers to them as wandering stars, they are part of the fallen who have disobeyed Ahlohim's (God's) command.					
	You see the Holy Angels, who have not fallen, those stars are following the same exact					
	track that Ahlohim (*God) has laid for them to, it's what He created them for, and you see					
	the planets don't line up with the perfect track that He set for them because they rebelled					
	against The Most High. Those stars are part of the fallen. We look to Yahudah 1:13 (*Jude 1:13) "Raging waves of the sea, foaming out their own					
	shame; wandering stars, to whom is reserved the blackness of darkness forever". Those					
	stars have shame because they rebelled against The Most High.					
	We can also confirm that they are stars with the Nikon p1000 camera once again. Here is					
	mars, taking the appearance of a wheel inside of a wheel.					





Ahlohim (*God's) rules that whatever is spoken about in secret must be shouted from the roof tops.

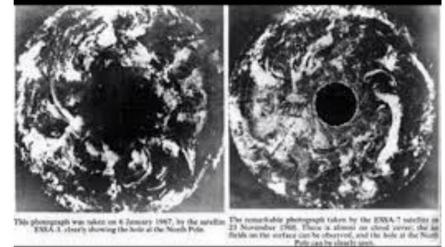
As you can see in the map there is a black mountain in the middle, with a body of water coming out from underneath it, that is the river that went out of Eden and was parted into 4 heads. Those rivers control the tides, not the moon, our oceans are actually just massive flowing rivers.

Now direct your focus on the mountain in the middle, its called the Rupes Nigra on the map. Rupes Nigra according to Wikipedia is a magnetic, black rock mountain located at the north pole, being 33 french miles wide. This is why the freemasons love the number 33, and we see, the mountain is made of a black rock, this is why the largest company in the world is named black rock, because they have to put this stuff right in our faces.



Worlds largest investment company 'black rock' aka rupes nigra, they know the truth.

This is why all the early Nasa Sataloon footage (most satellites are on balloons) shows a big black hole at the center, because they didn't want any of this stuff to show on the photographs, because this is solid proof and confirmation of The Most High word.

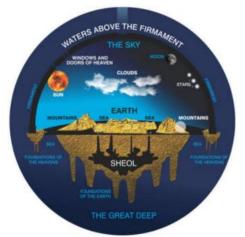


Nothing to see there right folks? Lol, they thought they where slick just completely editing out the middle portion. But we know why.

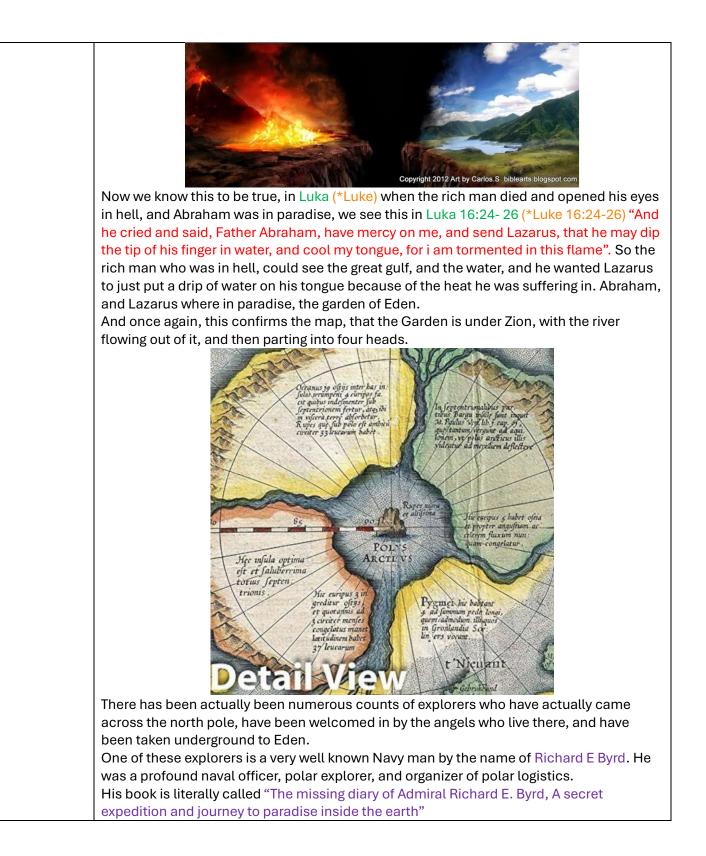
Now, we can completely prove that map to be biblically accurate, so we know from that map - that under the black rock mountain, there is the garden of Eden, and we can confirm this with multiple verses. First we will look in Yechezkel 28:13-14 (*Ezekiel 28:13-

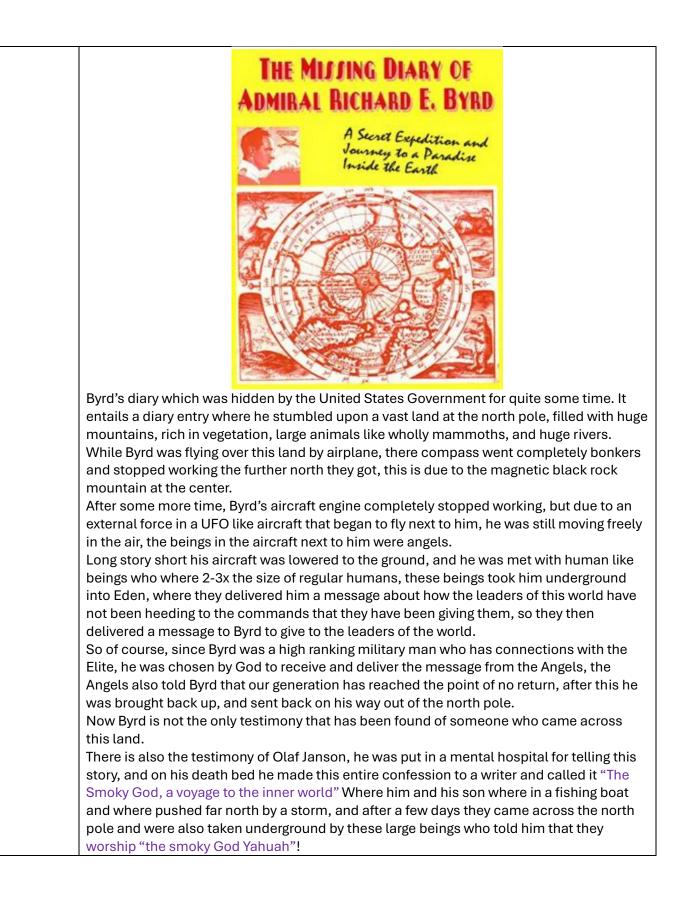
14) Thou hast been in Eden the garden of Ahlohim; every precious stone was thy covering, the sardius, topaz, and the diamond, the beryl, the onyx, and the jasper, the sapphire, the emerald, and the carbuncle, and gold: the workmanship of thy tabrets and of thy pipes was prepared in thee in the day that thou wast created. Thou art the anointed cherub that covereth; and I have set thee so: thou wast upon the holy mountain of Ahlohim (*God); thou hast walked up and down in the midst of the stones of fire". So right there Ahlohim (*God) told us that the garden of Eden is upon the holy mountain of Ahlohim (*God) which is mount Zion, aka black rock aka Rupes Nigra. Now we can confirm that this is at the north pole if we look at Tehillim 48:1-2 (*Psalm 48:1-2) "Great is Yahuah, and greatly to be praised in the city of our, Ahlohim in the mountain of his holiness. Beautiful for situation (meaning its very high up), the joy of the whole earth, Mount Zion, on the sides of the north, the city of the great King". So right there He told us that the city of our Ahlohim (*God) is located at Mount Zion, which is in the north. We also know that this mountain, and city of Ahlohim (*God) mare still here to this day because in God told us in Tehillim 48:8 (*Psalm 48:8) "As we have seen in the city of Yahuah of hosts, in the city of our Ahlohim. He will establish it for ever". Which is why its being guarded by Cherubim's and a flaming sword like Ahlohim (*God) told us in Beresheeth (*Genesis).

Now lets also confirm that the garden of Eden is underground, under mount Zion like I mentioned before. So we know Jesus said to the thief on the cross in Luka 23:43 (*Luke 23:43) "Truly i tell you, today you will be with me in paradise" And as we know, the garden of Eden is a paradise. Now keep that in mind when we look at Kefa Alef 3:19 (*1 Peter 3:19) "By which also he went and preached unto the spirits in prison, which sometime were disobedient, when once the longsuffering of the ark was a preparing, wherein few, that is, eight souls were saved by water" So where was Yahusha (*Jesus)? He was underground preaching to the spirits who are in Sheol, which is basically hell, but not the same as the lake of fire. Scriptures (*The bible) refers to this as Sheol as seen in the Hebrew depiction of the universe.



Now remember, he told the thief on the cross, that he will be with him in paradise today. This is because under Zion, paradise, the garden of Eden, is right across from this prison where Yahusha (*Jesus) preached, and its being divided by a great gulf/ ocean. This is biblical as well.





	THE SMOKY GOD Voyace to THE INNER WORLD Voyace to THE INFORMATION TO THE INFORMATION TO THE INFORMATION VOYACE to THE INFORMAT
FINISHING WITH PRAYER	Well my fellow brethren, that information we just discussed should have cleared up all the lies for you, filled you with the truth, and given you a new clarity and outlook on YAH's Word. Remember that the devil will do anything to get you and your loved ones away from the truth that's in YAH's word, the globe model is satanic in its origin, and it goes completely against what the bible has taught us. YAH's word is true, alive, and accurate, and YAH's loves you, and wants a relationship with you. He has plans to prosper you, and take you far. The Scriptures say draw near to him, and he will draw near to you! I pray for you reading this that the most high continues to reveal truth to you, I pray you can use this information to help those who need it to see the truth of Yahuah's Word, I pray for safety, peace, and blessing upon you my fellow brother or sister, may your eyes be opened to see, and your ears be opened to hear more of the truth, because like YAH told us in Yahuhanon (*John 8:32) "Ye shall know the truth, and the truth shall set you free." Amein.

JUMP TO TOP OF DOCUMENT

SECTION 3

OTHER COLLECTED DATA ON FLAT EARTH

	FLAT EARTH COLLECTED DATA FOR BOTH SIDES OF THE THEORIES
	Also see the .pdf document saved to my folder for Flat Earthit shows both sides of every argument and bible versegood intel on the subject. (Lori)
Bible Verses:	Isajah 40:22
	²¹ Have ye not known? have ye not heard? hath it not been told you from the beginning? have ye not understood from the foundations of the earth?
	²² It is he that sitteth upon the circle of the earth, and the inhabitants thereof are as grasshoppers; that
	stretcheth out the heavens as a curtain, and spreadeth them out as a tent to dwell in:
	²³ That bringeth the princes to nothing; he maketh the judges of the earth as vanity.
	Job 26
	26 But Job answered and said,
	² How hast thou helped him that is without power? how savest thou the arm that hath no strength?
	³ How hast thou counselled him that hath no wisdom? and how hast thou plentifully declared the thing as it is?
	⁴ To whom hast thou uttered words? and whose spirit came from thee?
	⁵ Dead things are formed from under the waters, and the inhabitants thereof.
	⁶ Hell is naked before him, and destruction hath no covering.
	⁷ He stretcheth out the north over the empty place, and hangeth the earth upon nothing.
	⁸ He bindeth up the waters in his thick clouds; and the cloud is not rent under them. ⁹ He holdeth back the face of his throne, and spreadeth his cloud upon it.
	¹⁰ He hath compassed the waters with bounds, until the day and night come to an end.
	¹¹ The pillars of heaven tremble and are astonished at his reproof.
	¹² He divideth the sea with his power, and by his understanding he smiteth through the proud.
	¹³ By his spirit he hath garnished the heavens; his hand hath formed the crooked serpent.
	¹⁴ Lo, these are parts of his ways: but how little a portion is heard of him? but the thunder of his power
	who can understand?
	Proverbs 8 ²³ I was set up from everlasting, from the beginning, or ever the earth was.
	 ²⁴ When there were no depths, I was brought forth; when there were no fountains abounding with
	water.
	²⁵ Before the mountains were settled, before the hills was I brought forth:
	²⁶ While as yet he had not made the earth, nor the fields, nor the highest part of the dust of the world.
	²⁷ When he prepared the heavens, I was there: when he set a compass upon the face of the depth:
	²⁸ When he established the clouds above: when he strengthened the fountains of the deep: ²⁹ When he gave to the see his degree, that the waters should not ness his commandment, when he
	²⁹ When he gave to the sea his decree, that the waters should not pass his commandment: when he appointed the foundations of the earth:
	³⁰ Then I was by him, as one brought up with him: and I was daily his delight, rejoicing always before
	him;
	³¹ Rejoicing in the habitable part of his earth; and my delights were with the sons of men.

³² Now therefore hearken unto me, O ye children: for blessed are they that keep my ways.
³³ Hear instruction, and be wise, and refuse it not.
³⁴ Blessed is the man that heareth me, watching daily at my gates, waiting at the posts of my doors.
³⁵ For whoso findeth me findeth life, and shall obtain favour of the LORD.
³⁶ But he that sinneth against me wrongeth his own soul: all they that hate me love death.
Psalm 104:2-3
104 Bless the LORD, O my soul. O LORD my God, thou art very great; thou art clothed with honour and
majesty.
² Who coverest thyself with light as with a garment: who stretchest out the heavens like a curtain:
³ Who layeth the beams of his chambers in the waters: who maketh the clouds his chariot: who walketh
upon the wings of the wind:
⁴ Who maketh his angels spirits; his ministers a flaming fire:
⁵ Who laid the foundations of the earth, that it should not be removed for ever.
⁶ Thou coveredst it with the deep as with a garment: the waters stood above the mountains.
⁷ At thy rebuke they fled; at the voice of thy thunder they hasted away.
⁸ They go up by the mountains; they go down by the valleys unto the place which thou hast founded for
them.
⁹ Thou hast set a bound that they may not pass over; that they turn not again to cover the earth.
¹⁰ He sendeth the springs into the valleys, which run among the hills.
¹¹ They give drink to every beast of the field: the wild asses quench their thirst.
¹² By them shall the fowls of the heaven have their habitation, which sing among the branches.
¹³ He watereth the hills from his chambers: the earth is satisfied with the fruit of thy works.
¹⁴ He causeth the grass to grow for the cattle, and herb for the service of man: that he may bring forth
food out of the earth;
¹⁵ And wine that maketh glad the heart of man, and oil to make his face to shine, and bread which
strengtheneth man's heart.
¹⁶ The trees of the LORD are full of sap; the cedars of Lebanon, which he hath planted;
¹⁷ Where the birds make their nests: as for the stork, the fir trees are her house.
¹⁸ The high hills are a refuge for the wild goats; and the rocks for the conies.
¹⁹ He appointed the moon for seasons: the sun knoweth his going down.
²⁰ Thou makest darkness, and it is night: wherein all the beasts of the forest do creep forth.
²¹ The young lions roar after their prey, and seek their meat from God.
²² The sun ariseth, they gather themselves together, and lay them down in their dens.
 ²³ Man goeth forth unto his work and to his labour until the evening.
²⁴ O LORD, how manifold are thy works! in wisdom hast thou made them all: the earth is full of thy riches.
 ²⁵ So is this great and wide sea, wherein are things creeping innumerable, both small and great beasts.
²⁶ There go the ships: there is that leviathan, whom thou hast made to play therein.
²⁷ These wait all upon thee; that thou mayest give them their meat in due season.
²⁸ That thou givest them they gather: thou openest thine hand, they are filled with good.
²⁹ Thou hidest thy face, they are troubled: thou takest away their breath, they die, and return to their
dust.
³⁰ Thou sendest forth thy spirit, they are created: and thou renewest the face of the earth.
³¹ The glory of the LORD shall endure for ever: the LORD shall rejoice in his works.
³² He looketh on the earth, and it trembleth: he toucheth the hills, and they smoke.
³³ I will sing unto the LORD as long as I live: I will sing praise to my God while I have my being.

³⁴ My meditation of him shall be sweet: I will be glad in the LORD. ³⁵ Let the sinners be consumed out of the earth, and let the wicked be no more. Bless thou the LORD, O my soul. Praise ve the LORD. Romans 10: 9-10 Revelation (four corners of the earth) 7 And after these things I saw four angels standing on the four corners of the earth, holding the four winds of the earth, that the wind should not blow on the earth, nor on the sea, nor on any tree. ² And I saw another angel ascending from the east, having the seal of the living God: and he cried with a loud voice to the four angels, to whom it was given to hurt the earth and the sea, ³ Saying, Hurt not the earth, neither the sea, nor the trees, till we have sealed the servants of our God in their foreheads. Genesis 1:6 (Firmament="Expanse" (in Hebrew)) 1 In the beginning God created the heaven and the earth. ² And the earth was without form, and void; and darkness was upon the face of the deep. And the Spirit of God moved upon the face of the waters. ³And God said, Let there be light: and there was light. ⁴ And God saw the light, that it was good: and God divided the light from the darkness. ⁵ And God called the light Day, and the darkness he called Night. And the evening and the morning were the first day. ⁶ And God said, Let there be a firmament in the midst of the waters, and let it divide the waters from the waters. ⁷ And God made the firmament, and divided the waters which were under the firmament from the waters which were above the firmament: and it was so. ⁸ And God called the firmament Heaven. And the evening and the morning were the second day. ⁹ And God said, Let the waters under the heaven be gathered together unto one place, and let the dry land appear: and it was so. ¹⁰ And God called the dry land Earth; and the gathering together of the waters called he Seas: and God saw that it was good. ¹¹ And God said, Let the earth bring forth grass, the herb yielding seed, and the fruit tree yielding fruit after his kind, whose seed is in itself, upon the earth: and it was so. ¹² And the earth brought forth grass, and herb yielding seed after his kind, and the tree yielding fruit, whose seed was in itself, after his kind: and God saw that it was good. ¹³And the evening and the morning were the third day. ¹⁴ And God said, Let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and years: ¹⁵ And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. ¹⁶ And God made two great lights; the greater light to rule the day, and the lesser light to rule the night: he made the stars also. ¹⁷ And God set them in the firmament of the heaven to give light upon the earth, ¹⁸ And to rule over the day and over the night, and to divide the light from the darkness: and God saw that it was good. ¹⁹ And the evening and the morning were the fourth day.

	²⁰ And God said, Let the waters bring forth abundantly the moving creature that hath life, and fowl that may fly above the earth in the open firmament of heaven.
	 ²¹ And God created great whales, and every living creature that moveth, which the waters brought forth abundantly, after their kind, and every winged fowl after his kind: and God saw that it was good. ²² And God blessed them, saying, Be fruitful, and multiply, and fill the waters in the seas, and let fowl multiply in the earth. ²³ And the evening and the morning were the fifth day.
	²⁴ And God said, Let the earth bring forth the living creature after his kind, cattle, and creeping thing, and beast of the earth after his kind: and it was so.
	Job 37: ¹⁴ Hearken unto this, O Job: stand still, and consider the wondrous works of God. ¹⁵ Dost thou know when God disposed them, and caused the light of his cloud to shine? ¹⁶ Dost thou know the balancings of the clouds, the wondrous works of him which is perfect in
	knowledge? ¹⁷ How thy garments are warm, when he quieteth the earth by the south wind?
	¹⁸ Hast thou with him spread out the sky, which is strong, and as a molten looking glass?
	 ¹⁹ Teach us what we shall say unto him; for we cannot order our speech by reason of darkness. ²⁰ Shall it be told him that I speak? if a man speak, surely he shall be swallowed up.
	²¹ And now men see not the bright light which is in the clouds: but the wind passeth, and cleanseth them.
	 ²² Fair weather cometh out of the north: with God is terrible majesty. (the sky is like a cast metal mirror-no weapon can break through)
	Psalm 150:1 150 Praise ye the LORD. Praise God in his sanctuary: praise him in the firmament of his power.
	Isaiah 40:22 He who sits above the circle (Circle="Chug" in Hebrew)—describes a horizon. ²² It is he that sitteth upon the circle of the earth, and the inhabitants thereof are as grasshoppers; that stretcheth out the heavens as a curtain, and spreadeth them out as a tent to dwell in:
QUESTIONS TO ASK	1.If we are on opposite sides of earth do we look up and see the same stars?Laurah is in RussiaAngela is in Scotland
	Jenn is in Guam
	Ask them if when they look up they see the big dipper and little dipper?2.If the icewall holds everything inso things are not falling off the edge but theres lad outside the icewall, then what holds all that land and water in?3.
MAGNETIC	The Garden of Eden is still on this earth today, and it's being hidden from us. This right here is an
NORTH	early map of the North Pole. Yeah, we've been told that there's literally no land at the North Pole. So let's take a quick look at the map here. You have a large, black bronch in the center called Rubus. And then you have a whirlpool with four rivers coming out of that whirlpool. Genesis 2 tent, and the river went out of Eden to water the garden And from thence it was parted and became into foreheads, right? Or four rivers So there's our first confirmation. We have 4 rivers in this map. Now let's examine the mountain in the middle. It's known as the Rupus. So according to Wikipedia, the Rupus Negra is a black rock located at the magnetic North Pole, described by Mercator, which is the 1 who made the map as 33 French Miles in size. So it's a very, very large mountain. It's 33 miles

	wide. And around this mountain, we have these four in drawing seas or rivers, right? I'll check this
	out for. This is from the Book of Ezekiel chapter 28. Thou hast been in Eden, a garden of God. That
	was upon the Holy Mountain of God. What's the holy Mountain of God? It's Mount Zia. So we know
	Mount Zion and the garden of Eden are at the same location Mount Zion and the Garden of Eden
	are both here. Since Psalm 48 it's telling us where this mountain is. City of our god in the mountain
	of his holiness. Beautiful for situation, which means it's very high up. And we know it's a 33 mile
	wide mountain in his ears. The joy of the poor is Mount Zion on the sides of the north. Look at that.
	So we know it's in the north there in the north pole. Remember, this is a very tall mountain,
	beautiful for situations. This is a lot. Windfinder that I was green and recorded about 15 minutes
	ago. Right. And I zoomed in to the North Pole. Look at this. You can see directly at the North Pole.
	There's something very large, diverting the wind, stopping that wind from going through, which is
	swirling around like a vortex. Go check it out for yourself. Then we can also prove that the
	Garnavine is still in this earth. Because in Genesis chapter three, verse 24 we know that it's being
	guarded by cherubim's, which are a type of Angel in a flaming sword which turned every way to
	keep the way of the tree of life. Also, it's told that this mountain is made of magnetic stone. It's
	according to Wikipedia. Maybe this is why all compasses point to the north as a physical magnetic
	mountain. And I always tell you guys that they like to put the truth in our face, right? This is the
	paramount logo. It's a huge mountain in the center of the logo. The N Pole is at the center of the
	flat earth. Then look at that. You have a dome of stars right? A dome of stars going around it. He
	made the stars also. And God set them in the firmament of the heaven to give light upon the Earth. Right? The sun, moon and stars are all in the firmament. And then if you look up what Rubus
	means, it actually means black rock, which is actually the name of the largest investment
	company. That's probably where they got their name from. And let me know what you guys think
	about this in the comments.
ROUND	WHAT ROUND EARTH PEOPLE SAY:
EARTHERS	
	L YU Years of Ulur Chanding Views of Farth - NASA
PERSPECTIVE	1. <u>90 Years of Our Changing Views of Earth - NASA</u> 2.
PERSPECTIVE	 <u>90 Years of Our Changing Views of Earth - NASA</u> 2.
PERSPECTIVE	
PERSPECTIVE	2.
PERSPECTIVE	 As objects recede from you, they begin to look smaller and slowly disappear in a very unique way:
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Earthly stress where is conclude of playing furner tricks on any area with different layers of air banding
Earth's atmosphere is capable of playing funny tricks on our eyes, with different layers of air bending
light into interesting directions. This phenomenon, a side effect of Earth's curvature, isn't a sure-
fire guarantee of our planet's curve, but it's a start.
But even if you can't look to the horizon for evidence, you can look up.
Different stars are visible from different parts of Earth, in two very peculiar ways. First, there is the
division between the northern and southern hemispheres. So, you can see <u>Polaris</u> , the star nearly
directly above Earth's north geographic pole, quite easily in northern latitudes.
But as you travel south, approaching the equator, Polaris sinks lower and lower toward the
horizon. Once you've crossed that boundary, you can't see it at all — it's blocked by the curve of
Earth in that direction.
Similarly, as you travel south, new constellations await your delighted gaze — ones that would be
completely obscured by Earth's curve if you stayed up north.
There's another trick you can play, too. If you live in an especially flat area, you'll be able to see
stars down to the horizon but no farther (because Earth is in your way). But if you travel up — say,
to the top of a mountain — you get a better vantage point and can see stars farther down than you
could before.
In fact, the ninth century Abbasid Caliph al-Ma-mun sent an expedition to do exactly that and
used those observations to measure Earth's circumference.
You might not be able to mount such a scientific investigation to your nearest mountain peak. But
there is something you can do to witness the curvature of Earth in the comfort of your own
backyard. You just have to be lucky.
Advertisement
During a lunar eclipse, Earth passes between the sun and the moon, allowing Earth to cast its
shadow on the moon. That shadow is always, always, always a circle, no matter where you are on
the planet, no matter the timing of the eclipse. Always.
The only way to always cast a circular shadow is if the thing casting the shadow — in this case,
Earth — is a globe. It's a matter of geometry.
And that's not to mention the countless <u>photos of Earth</u> taken by orbiting satellites and eyewitness
testimonies from astronauts hailing from dozens of different countries, space programs and
private organizations.
Our curved Earth also aligns perfectly with all of physics. Additionally, all of the other planets ever
discovered also appear round, because that's how gravity likes things.
If you use gravity to, say, trust your <u>GPS</u> to give you accurate positions and calculate trajectories,
then that same force will form material the size of Earth into a ball.
Related: What is the temperature on Earth?
Arguing from evidence
 Bill Nye to flat Earthers and science deniers: 'It affects all of us'
— <u>Are flat-Earthers being serious?</u>
I don't think this discussion is really about the actual evidence or the scientific process, however.
Advertisement
People who <u>believe that Earth is flat</u> aren't coming to that conclusion from the same types of
observations. Instead, they believe that we are being misled and lied to, that scientists (including
me) want you to believe that Earth is round, despite its flatness.
So the question isn't "Why do people believe in a flat Earth?" but rather "Why do people believe in
a conspiracy?" And the answer is the same reason it always is: a lack of trust.

Many people don't trust the society around them, most notably the representatives of that society. That trust often falls even further when it comes to elite representatives of that society, which
include government officials, members of academia and scientists like me.
By claiming that Earth is flat, people are really expressing a deep distrust of scientists and science
itself.
So if you find yourself talking to a flat-Earther, skip the evidence and arguments and ask yourself
how you can build trust.
ADDITIONAL RESOURCES
You can learn more about the first photographs that clearly showed Earth's curvature in this NASA
story. This explainer from Arizona State University lays out clearly and concisely the plentiful
evidence for our planet's spherical shape. (Nearly spherical, rather: Earth's rotation causes it to be slightly squashed at the poles and swollen at the equator, a shape known as an oblate spheroid.)
And <u>this piece</u> by fivethirty eight.com explains why people believe in conspiracy theories such as
the flat-Earth idea.
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4, 2022.
Advertisement
Learn more by listening to the episode "How do we know the Earth is curved?" on the Ask A Spaceman
podcast, available on iTunes and on the Web at http://www.askaspaceman.com. Thanks to Asher F. for the
questions that led to this piece! Ask your own question on Twitter using #AskASpaceman or by following Paul @PaulMattSutter and facebook.com/PaulMattSutter.
Flat Earth theories on movement, other science
Claim: Earth isn't curved and doesn't rotate
Our rating: False
The Earth is curved and does rotate, and there are several ways scientists have proved this,
experts say. The curvature of the Earth can be seen from an elevated vantage point, and the
rotation of the Earth impacts daily functions like the routes planes fly. This rotation just can't be
felt because humans feel acceleration, not speed. Read more.
Claim: Earth isn't curved or moving; air pressure couldn't exist 'without a container'
Our rating: False Ample evidence, including photos, atmospheric processes, lunar eclipses and the movement of
stars, demonstrates Earth's curve and motion. Gas pressure in Earth's atmosphere is caused by
gravity pulling matter toward the planet's core, so there's no need for a "container." <u>Read more.</u>
Claim: A compass wouldn't work if Earth is spherical
Our rating: False
Compasses orient themselves to the magnetic field lines that circle the Earth. The needle does
not point at the actual geographical location of magnetic north. Read more.
Claim: Antarctica is an ice wall that surrounds a flat Earth

Our rating: False
Satellite imagery shows the shape of the continent, which is not an ice wall around the world.
Explorers have circumnavigated the land mass, and people visit it every year. The ice wall concept
is also not realistic from a structural perspective, experts said. Read more.
Claim: Laser tests show bodies of water are level, which proves the Earth is flat
Our rating: False
Scientists say the claim is built on flawed logic. Laser beam tests in uncontrolled conditions,
especially over water, are not a reliable means to prove the Earth's shape due to atmospheric
refraction. Furthermore, scientists say the test outlined in the post's diagram is not at a large
enough scale to show the Earth's curve. <u>Read more.</u>
Claim: The Earth is flat because cities cannot be upside-down
Our rating: False
Gravity pulls objects to the center, no matter where people or cities are located on Earth. There is
no true "up" or "down" in space. <u>Read more.</u>
Claim: Earth's oceans have no 'elevation features' and are in a 'container'
Our rating: False
The ocean surface has topography due to currents, underwater features and other factors. Ocean
water is held onto Earth by gravity. <u>Read more.</u> Claim: Radar technology wouldn't work if the Earth was a globe
Our rating: False
Scientists say the post's logic is flawed and that radar technologies account for
the Earth's curvature. Furthermore, the curvature of the Earth plays into some of the limitations of
radar technology. <u>Read more</u> .
Flat Earth theories on the horizon line
Claim: Photo of solar eclipse taken at the South Pole proves Earth is flat
Our rating: False
Scientists explained that a variety of factors including the location and time the photographs were
taken account for why the sun appears to be moving in a straight line. Timelapse pictures of the
eclipse from anywhere else in the world show a curved path in the sky. <u>Read more.</u>
Claim: Planes flying 'straight and level' prove the Earth is flat
Our rating: False
That concept doesn't mean planes are flying in a literal straight line. It's a technique that involves
flying at a consistent altitude in the same direction. Pilots constantly have to make adjustments to
maintain speed and altitude. A plane flying from one location to another would never end up
upside down because the Earth does not have an inherent top or bottom. Read more.
Claim: Image of Chicago skyline taken in Indiana proves Earth is flat
Our rating: False
Scientists say the post's calculations are incorrect and the photo actually proves the opposite.
The Chicago skyline is visible from the photo's location at the Indiana Dunes State Park, but the
curve of the earth means the bottom of the buildings is obscured. <u>Read more.</u>
Flat Earth theories on space and astronauts
Claim: Lack of stars in space photos means they were created with a green screen
Our rating: False
Stars don't show up in many space photos because they are too dim to be detected with the
camera settings required to capture brighter objects. <u>Read more.</u>
Claim: Video shows NASA astronaut Karen Nyberg in front of a green screen
Our rating: False The woman in the video is not Nyberg but a flat Earth believer participating in a skit. Nyberg's
representative confirmed it is not her in the video. <u>Read more.</u>
representative commined it is not nel in the video. <u>Read more.</u>

Claim: Propulsion can't work in a vacuum, so space travel isn't real
Our rating: False
Rocket engines function by creating thrust, which moves the spacecraft in the opposite direction.
This process works in a vacuum. Air or another "external medium" is not required. <u>Read more.</u>
Claim: Space is a hoax because astronauts don't train in vacuum chambers
Our rating: False
NASA astronauts train in both pools and vacuum chambers to prepare for life in space, according
to a NASA spokesperson. Furthermore, there is ample evidence from earthbound observation and
space missions that space is real and a vacuum. <u>Read more.</u>
Claim: Different appearance of launch sites on moon, Earth prove space isn't real
Our rating: False
Different forces of gravity, the absence of an atmosphere on the moon, the weight of cargo, varied
types of fuel and the need for reusability on Earth are all factors in why launch sites look different
on the Earth vs. the moon. <u>Read more.</u>
Claim: Photos appearing to show clouds behind the sun suggest it orbits the Earth, isn't millions of
miles away
Our rating: False
This is an optical illusion. The clouds only appear to be behind the sun when too much light
passes through the cloud and strikes the camera's film or sensor, causing overexposure. <u>Read</u>
more.
Claim: NASA admits the Earth is flat and non-rotating
Our rating: False
NASA has consistently said the Earth is a round, rotating globe, and the documents referenced in
the post don't prove otherwise. The "flat, non-rotating earth" model is a common technique used
to generalize mathematic equations, experts said. <u>Read more.</u>
Claim: Moon visible in the daytime proves Earth is flat
Our rating: False The Earth is not flat, it's spherical, as proven by photos from space and an array of observations
and calculations that can be done from Earth. Planetary scientists say the visibility of the moon
and sun during the daytime, doesn't prove a flat Earth – it is in fact proof of the motion of the sun,
moon and Earth in space, along with the Earth's rotation. <u>Read more.</u>
Astrology and flat earth, or true earth, are symbiotic. You cannot have one without the other. If you
have a ball and you are spinning, flying through space, chasing this fireball, your constellations
would change every now and our consolations have never changed. The stars have never
changed. They have the same 12 zodiac signs that we had back in the Dendarris stones in Egypt
over 5000 years ago. We're not moving every single inches aside to do this. The Mayans, Aztecs,
Hindus, Egyptians, every single ancient culture knew that we live in a geocentric universe, not a
heliocentric where we are spinning, chasing this ball of fire while. All of these other planets are
rotating around us while all of these other stars are rotating on us. If that was the case, Polaris
would move number one, which is the North Star and it doesn't. Number two, all the
constellations would not rotate solely around Polaris, but they do therefore we are the center of
universe, believing in the Big Bang Theory is something that is very common today that people
think you know where the product is in accident and you know, we don't have a creative or just
here to consume and live our best life and not live up to our potential. But if you're the center of
the universe, that means that you're very special. That means that you have a creator who is very
conscious and cares about you. And when you see yourself as being watched by these heavenly
bodies above each 24/7 you start to take your life a little bit more seriously

OLD REFERENCE BOOKS	The William Tinsdale Bible from the 1500's says in 2 Samuel 11:11 that the earth is FLATbut King James translated it as a "Field".
	OK you guys remember how I showed you the maps that were here on Earth before 1958 before the governments took him out and I'm going to show you the encyclopedia Britannic is in the public libraries before 1958 years volume two out of the alphabet A. We're going to flip the Antarctica which in this is from 1958 as you can see now we're going to flip to the Antarctica and see what the encyclopedia Britannica from 1958 before the Antarctic Treaty says is there. Now you will find this in a new encyclopedias because the government's banned them. But what I want you to notice right here is notice how it says. The flights proved. Inland areas to be featureless in character with a dome. 13,000 feet high at about latitude 80 degrees south longitude 90 degrees E take a really, really close look at that. Then I'm gonna zoom it in for you when they return to New Zealand these flights prove the inland areas to be features of the character with a dome 3 rd . 1000 feet high at about latitude 90.
GOVERNMENT DOCUMENTS	Do Government Documents Admit That the Earth Is Flat? by Dr. Danny R. Faulkner on September 15, 2023 Featured in <u>Answers in Depth</u>
	In my 2019 book, <u>Falling Flat: A Refutation of Flat Earth Claims</u> , I evaluated many of the claims that flat-earthers make. With so many flat-earth claims and with more of them arising since publication of my book, I didn't cover all the flat-earth claims out there. That is why I continue to update my study of the flat-earth movement with new web articles and blog posts. Some people may think it is a waste of time to discuss the flat-earth movement. However, the flat-earth movement presents a danger to the church. Self-professed biblical flat-earthers apply a flawed hermeneutic to Scripture. Their hyper literal approach to poetic and prophetic books wrings unfounded meanings from those passages. Flat-earthers must create in their minds a vast satanic conspiracy about the earth's shape to support belief that the earth is flat. This often results in a caustic attitude that damages couples, families, and churches. Many flat-earthers end up leaving their churches and

not assembling with fellow believers as we are commanded to do. Therefore, it is important that I continue researching the flat-earth movement and report on new developments in that movement. Flat-earthers must create in their minds a vast satanic conspiracy about the earth's shape to support belief that the earth is flat.

Top of Form

Bottom of Form

One of the flat-earther arguments that I have not examined before is claims that there are many government documents admitting the earth is flat. I thank Michael Toon for compiling a <u>list of 44 government documents that some flat-earthers claim admit that the earth is</u> flat (hereafter, I will simply refer to this as "the list"). Here I will examine most of the documents on that list. If these documents truly admit that the earth is flat (and that is a big if), then those admissions could be evidence that the earth indeed is flat and not a globe. After all, wouldn't government agencies, particularly scientific agencies, be in possession of knowledge of the earth's true shape? On the other hand, if those government agencies were part of the cabal that promulgates the lie that the earth is a globe, why would those same government agencies admit that the earth is flat? Flat-earthers incessantly insist that governments lie, so why do flat-earthers change course and accept the word of a government agency that consistently lies? This is particularly true of NASA, the source of the first government that I will discuss.

Rigid Aircraft Rigid with Constant Mass

Probably the most common government document that flat-earthers cite as admitting the earth is flat is a report titled "<u>Derivation and Definition of a Linear Aircraft Model</u>" produced by three researchers at NASA's Ames Research Center in California. Sure enough, one does not have to read very far (the first sentence of the text) in this report to see that this paper derived a linear model for an aircraft "flying over a flat, nonrotating earth." For most flat-earthers, that is all they need to see. They reason, "Why would NASA go to the trouble to derive a model of aircraft flying over a flat, nonrotating earth, if the earth is spherical and rotating?" This is typical of the way flat-earthers make their arguments—they focus on one or two words and ignore the context and the other words around the few words they focus on. Here is the first sentence in this report:

This report documents the derivation and definition of a linear aircraft model for a rigid aircraft of constant mass flying over a flat, nonrotating earth.

Flat-earthers focus on the description of the earth as being flat and nonrotating and ignore the description of the aircraft as being rigid and having constant mass. Aircraft are not rigid. When seated over the wing of an airliner, I often watch the wingtip rise a few feet as we take off. Materials flex when forces are applied to them. In the case of the wings of aircraft, the lift generated is applied to the wings, and the wings flex upward in response to lift. The control surfaces of aircraft also move, departing from the assumption that aircraft are rigid. Hence, aircraft are not rigid. Nor do aircraft have constant mass. As the flight proceeds, stored fuel is consumed, reducing the mass of the aircraft considerably.

So, why would three researchers derive the equations that govern the flight of aircraft when all four of their starting assumptions are false? When solving problems in physics and engineering, it is important to identify and state all the assumptions one must make in solving the problems. Many of these assumptions are simplifying assumptions. That is, they are assumptions that are not necessarily true but are of little consequence. For instance, in my teaching of physics, I showed students how to solve mechanics problems. We usually ignored

the effects of friction and wind resistance. If the speeds of objects under consideration were low and the surfaces were relatively smooth, then wind resistance and friction did not greatly affect the outcome. Inclusion of the more realistic situation, such as friction and wind resistance, would have made the problems far more difficult to solve. In many cases, the effects of other factors, such as wind resistance and friction, could be added as corrective factors to the solution. We also often assumed that objects we studied in mechanics were point objects, even though they weren't. We needed to consider the physical extent of objects only when considering rotational aspects of their motion. Even then, we could add rotational motion as a correction to the initial solution treating objects as point masses. Knowing that simplifying assumptions are often made in problem solving in physics and engineering, let us examine the four assumptions in the NASA report. While aircraft flex some while in flight, the amount of flex is relatively small, and the flexure does not seriously affect the flight of the plane. Hence, flexure can be ignored. A change in the mass of an aircraft causes a change in weight and hence the amount of lift required. While fuel consumption is significant over a long period of time, moment by moment, the amount of mass lost due to fuel consumption is so small that it does not affect flight. If one wished to account for mass loss over a long flight, one need only solve the equations of flight over sections of the flight with a slightly modified mass in each section.

Flat-earthers misunderstand what is meant by "flat earth" in this document. It is not a denial that the earth is spherical. In these sorts of studies, the simplifying assumption of a flat earth can have two possible meanings. One meaning of the flat-earth assumption is to ignore local topography, overlooking hills and valleys, as if all positions on the ground have the same elevation. In some of the documents I examine here, that is the intended meaning. However, in this paper, the flat-earth approximation probably refers to the second meaning. The second meaning of the flat-earth approximation is to consider limited range in horizontal distance. In geometry, we say that locally a sphere appears flat. That is, if the horizontal distance is considerably less than the curvature of the sphere, then the surface of a sphere can be modeled in the plane tangent to the sphere at the location under consideration with little loss of accuracy. In this paper, aircraft are modeled in flight moment by moment. Hence there is no need to consider the earth to be spherical. Just as one could model the loss of mass by fuel consumption as a series of small increments, the spherical earth can be modeled by considering a series of small increments of flight.

As for a nonrotating earth, this means that the Coriolis effect has little impact on flight. Indeed, this is true. The Coriolis effect is very feeble—the Coriolis effect becomes significant only over great distances on the earth, and then only if there is no controlled flight. Pilots or autopilots continually tweak the controls of aircraft, swamping the tiny Coriolis effect. Again, the model of flight in this paper is for moment by moment, not long flights in their entirety. Consequently, this NASA document does not contain an admission that the earth is flat and nonrotating.

The paper that preceded this one describes the FORTRAN program that they used. This paper is titled "<u>User's Manual for LINEAR, a FORTRAN, Program to Derive Linear Aircraft Models</u>." Page 15 lists the simplifying assumptions, including,

A rigid aircraft flying in a stationary atmosphere over a flat nonrotating earth.

This adds the simplifying assumption of no wind, something that obviously is not true. Just as topography and a rotating earth can be added to the more general solution, so can wind. An <u>updated version</u> of this program with similar language was published in 1988.

There are many more papers about flight from NASA facilities that use virtually the same language as the above paper when elucidating their simplifying assumptions, including a flat, nonrotating earth. The meaning in each case is the same. They do not constitute admissions that the earth is flat and nonrotating. One example is the 1991 report "<u>An Aircraft Model for the AIAA Controls Design Challenge</u>."

Page 11 lists the simplifying assumptions:

The nonlinear equations of motion used in this model are general six-degree-of-freedom equations representing the flight dynamics of a rigid aircraft flying in a stationary atmosphere over a flat, nonrotating Earth.

The control surfaces of aircraft must move, and there is flex in the wings, so aircraft are not strictly rigid. A stationary atmosphere means that there is no wind. The earth being flat refers to the earth having not topography (hills and valleys). The nonrotating earth means that the Coriolis effect was ignored. None of these assumptions are strictly true, but considering them would not have significantly changed the results.

An even more detailed list of simplifying assumptions is found on page 6 of a 1978 NASA report with the title "Investigation of Aircraft Landing in Variable Wind Fields." They are:

The earth is flat and non-rotating.

The acceleration of gravity, g, is constant (9.8 m/sec²).

Air density is constant (1.23 kg/m³).

The airframe is a rigid body.

The aircraft is constrained to motion in the vertical plane.

The aircraft has a symmetry plane (the x-z plane).

The mass of the aircraft is constant.

Initial flight conditions are for steady-state flight.

As before, none of these simplifying assumptions are strictly true, but their effects of these factors are minimal and, hence, can be ignored for simplicity.

Here is <u>another NASA paper</u> on the flight of aircraft that mentions "a flat nonrotating earth." This one is titled "General Equations of Motion for a Damaged Asymmetric Aircraft" and was presented at a 2007 conference by two researchers from NASA's Langley Research Center in Virginia. The purpose of this paper was to develop a model of flight of an aircraft that is damaged and loses mass so that its center of mass is shifted. Obviously, since the aircraft loses mass, the assumption of constant mass as in the previous paper is not made. However, the other assumptions, rigid aircraft and a flat nonrotating earth were made. These assumptions have the same meanings as in the earlier paper, so this document hardly is an unguarded admission that the earth is flat and does not rotate.

Another NASA paper that flat-earthers sometimes mention is "<u>Predicted Performance of a</u> <u>Thrust-Enhanced SR-71 Aircraft with an External Payload</u>," authored by Timothy R. Connors of NASA's Dryden Flight Research Center in California in 1997. The purpose of this paper was to evaluate the feasibility of modifying the engines of the SR-71 for use in carrying scientific payloads aboard. Page 8 of this report listed four assumptions made to simplify the modeling of this project. While the earth being flat is not mentioned (at the altitude the SR-71 flew, the earth's topography did not matter), a nonrotating earth was mentioned. However, the other three assumptions were that the SR-71 was a point mass, no turbulence, and no side forces. With a length of more than 100 feet and a wingspan of more than 50 feet, the SR-71 hardly was a point mass. Furthermore, there is no place in the atmosphere with no turbulence. The assumption of zero side forces probably refers to crosswinds, which isn't true either. The assumption of a nonrotating earth probably has the same reasoning as in the previous studies—the Coriolis effect is so small as to be ignored.

A 2002 NASA report considered the "<u>Stability and Control Estimation Flight Test Results for the</u> <u>SR-71 Aircraft with Externally Mounted Experiments</u>." Sure enough, on page 11 the phrase "flat, nonrotating earth" appears. Here is that phrase in context:

These equations assume a rigid vehicle and a flat, nonrotating Earth. The time rate of change of mass and inertia is assumed negligible. The SR-71 configurations studied herein, like most aircraft, are basically symmetric about the vertical-centerline plane. This symmetry is used, along with small angle approximations, to separate the equations of motion into two largely independent sets describing the longitudinal and lateral-directional motions of the aircraft. Once again, no aircraft, including the SR-71, is rigid. The statement, "The time rate of change of mass and inertia is assumed negligible," is phrased in such a way as to indicate that the authors know constant mass and inertia are not strictly true, but that loss of mass and inertia are not significant enough to include. The terminology that the aircraft is "basically symmetric about the vertical-centerline plane" is a tacit admission that the aircraft is not strictly symmetrical but is symmetrical enough to justify the assumption of symmetry. The report admits that the authors used "small angle approximations" [emphasis added]. Anyone who has used the small angle approximation knows that it is just that, an approximation, but that if the angle is small, the small angle approximation does not deviate significantly from using the sine or tangent of the angle (but it sure makes the math much simpler). With all this, we are supposed to believe that this report contains some damning admission that the earth is flat and nonrotating?

A similar report, this time sponsored by the Federal Aviation Administration, is the 2015 report, "<u>Derivation of a Point-Mass Aircraft Model Used for Fast-Time Simulation</u>." Again, the term "flat, non-rotating Earth" is found in the first sentence under the subheading "2.1 Reference Frames." However, this term has the same meaning as in the previous papers. The first sentence of the report stated that the paper derived equations of motion "for a point-mass aircraft." Indeed, that term even appears in the title of the paper. Aircraft obviously are not point masses, so why does this paper treat aircraft as if they are? For the purposes of this paper, aircraft can be treated as point masses, much as the earth can be treated as being flat and nonrotating, even though the earth is rotating and has topography so that it is not flat. A 1988 NASA report was titled "Flight Testing a V/STOL Aircraft to Identify a Full-Envelope Aerodynamic Model." Once again, the phrase "flat, nonrotating Earth" appears on pages 4–5:

For aircraft problems, the state and measurement models together represent the kinematics of a rigid body for describing motion over a flat, nonrotating Earth.

Note, once again, the simplifying assumption that the aircraft is rigid. As in all such papers, the assumption of a "flat, nonrotating Earth" is a simplifying assumption, not an admission that the earth is flat and stationary.

Here is a 2006 paper titled "<u>Singular Arc Time-Optimal Climb Trajectory of Aircraft in a Two-Dimensional Wind Field</u>" authored by a staff member at NASA's Ames Research Center. In our minimum time-to-climb problem, the aircraft is modeled as a point mass and the flight trajectory is strictly confined in a vertical plane on a non-rotating, flat earth. The change in mass of the aircraft is neglected and the engine thrust vector is assumed to point in the direction of the aircraft velocity vector. In addition, the aircraft is assumed to fly in an atmospheric wind field comprising of both horizontal and vertical components that are altitude-dependent. The horizontal wind component normally comprises a longitudinal and

lateral component We course that the circreft motion is summetrie as that the lateral wind
lateral component. We assume that the aircraft motion is symmetric so that the lateral wind component is not included.
Notice the many assumptions that are not strictly true:
The aircraft is a point mass.
·
The aircraft's climb is only in a vertical plane (no deviation to the left or right). The aircraft has constant mass.
The engine thrust vector and the aircraft velocity vector are in the same direction.
There is no lateral wind component.
The justification for ignoring these complicating factors is based upon the realization that they
are very small compared to the overall effect under consideration. Furthermore, the effects of
the complicating factors could be added to the solution later. In similar manner, this paper
does not say that the earth is globally flat and not rotating. Rather, the paper indicates that the
effects of topography and the Coriolis effect are not significant in this study.
Here is a 1972 document from NASA's Langley Research Center titled " <u>Determination of Angles</u>
of Attack and Sideslip from Radar Data and Roll-Stabilized Platform." One of the simplifying
assumptions, once again, is "a flat, nonrotating earth." Within the paper, this is recognized as
a limitation of the applicability of the work, for four times in the paper it states, "The method is
limited, however, to application where a flat, nonrotating earth may be assumed." Hence,
rather than being an admission that the earth is flat and nonrotating, it is implied that the
earth is not flat and is rotating.
Articles about flight simulations made the list as well. An engineering dissertation titled "A
Discussion of Methods of Real-Time Airplane Flight Simulation" made the list too. A search for
the word "flat" yields this result (page 10):
Spherical coordinates can be inconvenient for two reasons. First, the geocentric latitude, ϕ' ,
is not exactly the same as the geographic latitude used in navigation. This is because the
Earth is actually an oblate spheroid, slightly flattened at the poles. And second, radius from the Earth's center is an unwieldy coordinate. [emphasis added]
Notice that the word here is "flattened," not "flat." This statement could not be clearer—this
source explicitly states that the earth is spherical, not flat. The word "flat" appears only four
times in this dissertation, on pages 11 and 14. Here is the context of all four of those
appearances (page 11):
Flat-Earth Coordinates. In many flight simulators, global navigation is not important. For
example, the range of flight could be limited to a small area, or the simulator might not care
about the airplane's location. In such cases, it is appropriate to model the Earth as a plane
half-space rather than an oblate spheroid. [emphasis in the original]
Again, this could not be clearer—this is not an admission the earth is flat, but rather it
stipulates the conditions in which the spherical earth could be treated as flat.
Again, this could not be clearer—this is not an admission the earth is flat, but rather it
stipulates the conditions in which the spherical earth could be treated as flat. How did flat-
earthers come to think this was otherwise? They must have searched for the word "flat" but
did not read what the text actually said. By the way, as a doctoral dissertation, this hardly is a
government document.
The academic journal article " <u>Design and Implementation of Flight Visual Simulation System</u> "
also made the list. A search revealed that this article does not contain the word "flat." Perhaps
what triggered inclusion of this article on the list is its use of the word "level" (flat-earthers

typically think that flat and level mean the same thing). The word level is found on the third
page, where the assumptions of the flight simulation are listed:
Flight area is the space above ground level where the rotation of earth and the curvy motion of mass center of earth are neglected.
Aircraft is an ideal rigid body and influence from aircraft body elastic deformation and rotating
parts are not considered.
As with modeling real aircraft, this model for flight simulation assumes the aircraft is a rigid
body. More importantly, the paper explicitly acknowledges that the earth is spherical and
rotates, but for the purpose of the model, those factors are ignored. Once again, a paper that
allegedly supports the notion of a flat, stationary earth under minimal scrutiny says exactly
the opposite.
Another flight simulation paper is " <u>Simulator AERO Model Implementation</u> " by a NASA Ames
researcher. As is typical of such studies, the simplifying assumptions are stated. On page 10,
The above three equations, plus the three translational equations comprise the equations of
motion for the rigid body aircraft.
As I've stated many times, there are no rigid aircraft. The relevant simplifying statement is also
on page 10:
For the flat, nonrotating earth considered here, any fixed frame of reference can be employed
as an inertial frame. [emphasis added]
The wording "considered here" makes it clear that a flat, nonrotating earth is a simplifying
assumption.
Another flight simulation source listed is a 1995 paper " <u>Flight Simulation Software at NASA</u> <u>Dryden Flight Research Center.</u> " Note the context of the three times that the word "flat" appears
in this document. The first is on page 2:
This structure, with both flat- and oblate-Earth versions, has successfully supported more
than 50 different aircraft.
Clearly, this simulation operates in two modes, one in which the earth is treated as flat and
the other in which the earth is treated as its true shape, an oblate spheroid. Why the two
modes? As I've discussed many times already, some applications can use the much
simpler flat-earth approximation, but this simpler approach is not warranted in some
applications. As page 8 explains:
In most cases, flat-Earth six-degree-of-freedom equations of motion are used. Oblate-Earth
equations of motion were developed for the space shuttle simulation and later used in the
NASP and follow-on simulation studies. The flat- and oblate-Earth equations of motion use a
hybrid axis system that allows forces and moments to be added in the axis systems for which
they are commonly computed, thus reducing axis transformations.
Because of its much greater range, the space shuttle could not be simulated in the flat-
earth mode.
Another example is the undated NASA Technical Memorandum titled " <u>A Mathematical Model</u>
of the CH-53 Helicopter."
On page 17, the simplifying assumptions are given:
The helicopter equations of motion are given in body axes with respect to a flat, nonrotating Earth. The helicopter is considered a rigid body with mass symmetry about the x_h - z_h plane.
The effects due to the engine angular momentum are neglected.
י דוס סווססנס עעט נס נווט טווצווט מוצענמו וווטוווסוונעווו מוס ווסצנסטנסע.

Again, none of these simplifying assumptions are true, but the effects of the factors ignored are negligible compared to the factors that are considered. Speaking of helicopters, a 1979 NASA paper was titled "<u>Development and Validation of a Piloted</u> <u>Simulation of a Helicopter and External Sling Load</u>." Here are the simplifying assumptions from page 33:

The equations of motion for both the helicopter and the external sling load are developed in body axes with respect to a flat, nonrotating Earth. It is assumed for convenience that each body is rigid and that the x_h - z_h plane and the x_l - z_l plane are planes of mass symmetry and that gyroscopic effects of engines are negligible.

None of the other assumptions are strictly true, but we are supposed to believe that the assumption of a flat earth is strictly true? And in context, what does the term "flat earth" mean? On page 44, in the section discussing the simulation software, this is said about two airports used in the simulation:

The 7.3-m by 18.3-m terrain model board of the VLDS includes two airports and surrounding terrain, one at 750/1 scale and the other at 1500/1 scale, and is shown in figure 22. There are a total of five paved runways, from 0.6 km to 3.5 km in length. A helipad is located on the 750/1 airport and is shown in figure 23. It consists of a Maltese cross with a 45-m by 45-m border. The terrain is generally flat, and provision is made for variable visibility, variable cloudbase heights, and day, dusk, and night scenes. [emphasis added]

It is obvious that the meaning of "flat earth" refers to the terrain around the airport, not the overall shape of the earth. Lest anyone think that this is a simulated airport, it is a real airport that was entered into the simulation.

Rockets Too

Another NASA document that flat-earthers mention is a 1961 report titled "<u>Calculation of Wind</u> <u>Compensation for Launching of Unguided Rockets</u>," where the term "a flat nonrotating earth" appears in the simplifying assumptions on page 7. There are three key terms in the title of this paper: wind, launching, and guided. The paper made it very clear that it was concerned with winds in and below the jet stream, limiting the scope of this study to altitudes of less than eight miles. The scope of this study does not include placing payloads into orbit or even great range or height within the atmosphere. That is what launch refers to. Rockets that go very far generally are guided. If one wished to consider these other possibilities, then they could be added to the conclusions of this study. With great range or height, one would have to consider the earth's spherical shape and the earth's rotation.

Another example used by flat-earthers is a 1971 paper supported by NASA titled "<u>A Method for</u> <u>Reducing the Sensitivity of Optimal Nonlinear Systems to Parameter Uncertainty</u>." This study was of a general nature, with an example of the principles derived beginning on page 12 of the report. The statement of the problem began:

The example problem is a fixed-time problem in which it is required to determine the thrustattitude program of a single-stage rocket vehicle starting from rest and going to specified terminal conditions of altitude and vertical velocity which will maximize the final horizontal velocity. The idealizing assumptions made are the following:

A point-mass vehicle

A flat, nonrotating earth

A constant-gravity field, g = 9.8 m/sec² (32.2 ft/sec²)

Constant thrust and mass-loss rate

A nonlifting body in a nonvarying atmosphere with a constant drag parameter $K_D = \frac{1}{2}\rho C_D S$, where S is the frontal surface area.

Notice again that these are idealizing assumptions. The rocket is not a point mass. Nor is the gravitational field constant. Nor is the thrust and mass-loss rate of a real rocket constant. Nor does a body move through the air with constant drag. But are we supposed to believe that, unlike the other assumptions, the earth truly is flat and nonrotating? Of course not. All five assumptions are made to greatly simplify the calculations. Once the problem is solved, one is free to modify the solution by explicitly including these more complicated situations.

A 1993 report from NASA's Langley Research Center titled "<u>Approximate Optimal Guidance for</u> <u>the Advanced Launch System</u>" is about the launch of payloads into low-earth orbit using a two stage rocket. Its inclusion on the list probably was triggered by a search for "flat earth" that resulted in three instances (page 14, and twice on page 25) as simplifications for part of the modeling. The fact that the report is about launching satellites into orbit probably escaped the flat-earther who found this document. If he had bothered to read the document (or just did a little more searching), he would have found six mentions of the earth being spherical (pages iii, 1, 3, 14, 16, and 146). Admittedly, each instance also included "nonrotating" which obviously was a simplifying assumption. Clearly, this is not a document that admits the earth is flat.

Atmospheric Investigations

A 1965 NASA paper prepared by Georgia Tech scientists was titled "<u>Atmospheric Oscillations</u>," which was a study of previous work on upper atmospheric winds. In describing the previous work, this paper said (page 10),

A model frequently used is that of a flat, nonrotating earth. The temperature is assumed either to be constant, to increase or decrease monotonically with altitude, or to be stratified. Gravity is usually considered to be constant. Density and pressure are usually considered to vary exponentially with altitude.

Again, flat-earthers always read the "flat, nonrotating earth" part while ignoring the other assumptions.

Again, flat-earthers always read the "flat, nonrotating earth" part while ignoring the other assumptions. The possible temperature profiles can be generally met in the real world, but none of them are strictly true. Nor is gravity constant, and density and pressure only approximately vary exponentially with altitude. Similarly, while the earth can be considered flat locally, the earth is not flat globally. Furthermore, the earth's rotation can be ignored in many applications, even though the earth is rotating. Indeed, the next paragraph summed this up nicely:

The most one can profitably simplify the problem is to consider an isothermal atmosphere, plane level surfaces, and a nonrotating earth. This case has been handled by Eckart (1960), Lamb (1932), and Hines (l960). The simplification is not valid for small effects, but general, large effects may be described and discussed.

In other words, when considering small effects, the simplifying assumptions do not work because the magnitude of their influences is comparable to the magnitude of the effects under consideration, but when one considers large effects, the magnitude of the complicating factors are small enough that those complicating factors can be ignored.

A 2000 Army Research Laboratory report titled "<u>Modeling of Atmospheric Effects</u>" made the list. What probably flagged this document was the use of the word "flat" four times (two of those

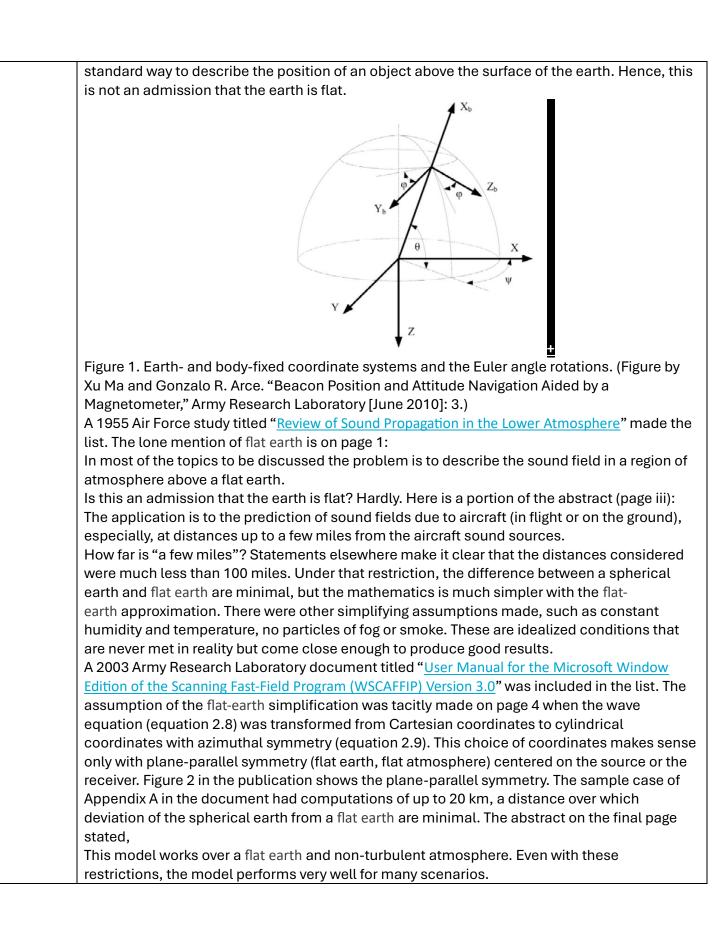
are in the list of key words at the beginning). Here is the first occurrence in the document itself
(page 31):
Thus, this model can only be considered valid for flat terrain, small spatial domains, and short time intervals.
Notice that this says, "flat terrain," not that the earth is flat. Also notice that the model is
limited to small spatial domains. That means localized areas. The surface of a large sphere is
flat locally. That is why on the next page this sentence appears:
This model works well over a flat-earth and a nonturbulent atmosphere.
Once again, the mere use of the word "flat" was construed to be an endorsement of the
notion the earth is flat.
A paper delivered at the 2007 39th Annual Precise Time and Time Interval (PTTI) Systems and
Applications Meeting titled "Studies on Instabilities in Long-Baseline Two-Way Satellite Time and
Frequency Transfer (TWSTFT) Including a Troposphere Delay Model" made the list, probably
because of the single use of the word "flat" (page 216):
We tried three different mapping functions. Two are rough approaches, namely a simple plane
troposphere (assuming a flat Earth) and the straight "line of sight" through the spherical
troposphere shell. While these two functions result in too large or too small values,
respectively, we use for the path length computation the mapping function as reported by Niell.
Notice that the assumption of a flat earth is a rough approach. Furthermore, in another rough
approach, the researchers considered a straight line through the spherical shell of the
troposphere. Rather than this paper being an admission of the earth being flat, it is an
admission that the earth is spherical.
Electromagnetic/Radiation Investigations
A 2001 Army Research Laboratory report is titled "Propagation of Electromagnetic Fields Over
Flat Earth." Flat-earthers obviously saw "flat earth" in the title of this paper but didn't read
much, if any, of the article. The article investigated the propagation of high-power microwaves
over the earth. Microwaves are sent and received by line of sight. Since microwaves are
electromagnetic phenomena, electromagnetic waves interact with the surface of the earth.
The purpose of this paper was to investigate that. A search of this document reveals that the
word "flat" appears 14 times. The occurrence of that word that is most revealing of its
meaning in this document is in the introduction (page 1):
It is assumed that the transmitting antenna and the target (or receiver) are located above, but
near the surface of a flat idealized earth (constant permittivity, ε , and conductivity, σ) ground.
The use of the words "assumed" and "idealized" indicates that this sentence states the
simplifying assumptions. Flat-earthers skip over the word "idealized" and see "flat earth." The
parenthetical insertion of constant permittivity and conductivity are part of the clarification of
the idealized condition considered. But notice that the next word is "ground." The term "earth
ground" appears several times in this paper. That is a strange way to express the earth (meant
in the sense of the realm where we live) being flat rather than a sphere, if that was the intent.
The meaning of earth here is to refer to the soil. Since microwave communications are line of sight, they are of limited range on the earth so assuming that the earth is flat rather than a
sight, they are of limited range on the earth, so assuming that the earth is flat rather than a
globe would be a justified simplifying assumption. But that is not the meaning here—the
meaning is to ignore hills, trees, and other obstructions. If those factors were figured in, then
one would need detailed information about the local topography, which would prohibit solving
the problem considered in the general case.

A 2000 Army Research Laboratory report titled "Path-Loss Measurements in a Forested
Environment at VHF" made the list. This interesting research project studied the effect of
foliage in attenuating radio frequencies, with the hope of developing technology for detecting
enemy presence in forests. They conducted measurements in both woods and cleared land at
various frequencies and the heights of the transmitter and receiver. The first mention of "flat
earth" is on page 2:
We made multipath measurements to provide confidence in the data and to get an idea of
how well our measurements of the clearing represented an ideal flat earth. [emphasis added]
Notice that "flat earth" is modified with "ideal," indicating that this is an idealized, rather than
actual, situation. Furthermore, the next sentence reads,
We measured the path loss at a range of 410 m with the receive antenna 2.7 m above the
ground, varying the transmitter height from 6 to 21 m in 1-m steps. [emphasis added]
It is difficult to ignore the fact that these experiments were carried out over 410 meters. Using
the eight inches per mile squared approximation that flat-earthers are so fond of using, I find
that over 410 meters there is a half-inch drop. Diffraction of radio waves exceeds this, so
•
assuming the earth is flat is a very reasonable simplifying assumption. The maximum
distance of any test run in this study was 4,700 meters, a little less than three miles. The
amount of curvature over this distance is negligible.
Acoustic Investigations
Another Army Research Laboratory paper is a 2003 report titled " <u>An Energy Budget Model to</u>
<u>Calculate the Low Atmosphere Profiles of Effective Sound Speed at Night</u> ." The Army is interested
in this subject to develop methods of finding and identifying potential targets that can be
detected by the sound they produce. I suppose that flat-earthers found this document by
searching for the term "flat earth," for the word "flat" appears three times in this document.
The first appearance is on page 9:
To briefly examine short range acoustic attenuation at night, we use the low atmosphere
profiles of wind speed, temperature, and relative humidity (shown before) as input to a flat
earth, nonturbulent acoustic propagation model called the Windows (version) Scanning Fast
Field Program (WSCAFFIP). [emphasis added]
Sure enough, there is that term "flat earth." Once again, flat-earthers lifted these two words
out, not seeing the context. Notice that flat earth is one of the properties of the model of
acoustic propagation considered. Also notice that the model does not include turbulence.
Even on a very calm night, there is some turbulence. However, the effect of turbulence was
judged to be so small as to not warrant inclusion in the model, which would have greatly
increased the complexity of the model. But what does flat earth mean in this document? The
second appearance of that word is on page 12, in the section that discussed comparison of
measurements to the model predictions:
The test site was chosen (in part) because of its relatively flat terrain (average slopes were 0.5
degree). [emphasis added]
Hence, flat earth in this paper refers to flat terrain, not the earth in its entirety being flat rather
than spherical. The third and final time that the word flat is found is on page 14:
As an example, Figure 11 shows results from the CN2 over-land optical turbulence model
(42,43), derived from two levels (above ground) of conventional micro-meteorological
information as input (i.e., wind speed, temperature, and humidity retrieved on farmland,
over flat barren soil, under mostly clear skies). [emphasis added]
Again, this indicates the meaning of flat earth in this paper is to refer to lack of topography.

Another Army Research Laboratory paper is the 2009 report titled "Computationally Efficient Algorithms for Estimating the Angle of Arrival of Helicopters Using Acoustic Arrays." The purpose of this paper was to evaluate methods for tracking helicopters by the sound they emit. The term "flat earth" appears four times in this document, the first being on page 9: Figure 6 illustrates a simple model for multipath, which is a based upon the signal having a single bounce on a flat Earth with propagation that is described by ray tracing for signals in the far-field. [emphasis added] As before, notice that this is in the context of a model, and all models have simplifying assumptions. The model treated the bouncing of sound off the earth. Since a bounce is very localized, and a spherical earth is locally flat, the meaning of flat in this context refers to flat topography, not the entire earth being flat rather than a sphere. But let's assume for a moment that the flat-earthers are right, that this paper intends a flat earth in the sense that flatearthers take it. What did this paper conclude? Here is the second mention of flat earth from page 22: The estimated phases of the reflection coefficients have a dependency on range. This may be caused by a violation of the assumption of the flat Earth model. [emphasis added] This appears on page 23: These results are poor at all times and indicate that the model used to describe the propagation of the signal is not adequate. The assumptions of straight-line propagation, constant reflection coefficient, or reflection off a flat Earth may not be valid. [emphasis added] And this appears on page 27: The algorithm assumed multipath could be modeled with a single bounce, a constant reflection coefficient, straight line propagation, a flat Earth, and incident angles that were not near grazing. This algorithm did not work well. [emphasis added] The conclusion is very clear—the model did not work well, meaning that the model was disproved. Therefore, if this document refers to the earth being flat rather than spherical, then this paper proved that the earth is not flat. **Artillery Studies** A 2010 Army Research Laboratory report titled "Adding Liquid Payloads Effects to the 6-DOF Trajectory of Spinning Projectiles" considered artillery rounds with liquid payloads. The only mention of flat earth in this paper is on page 1: A 6-DOF rigid projectile model is employed to predict the dynamics of a projectile in flight. These equations assume a flat Earth. As in every example, assumption of flat earth is within a model. This model is for artillery rounds, which have relatively short range. On a local scale, the spherical earth is flat. However, the intended meaning of flat earth here is to ignore local topography, such as hills and valleys. A follow-up paper titled "Adding Liquid Payloads Effects to the 6-DOF Trajectory of Spinning Projectiles" by the same author was published the same month. The same simplifying assumption of flat topology appears on page 1. The 1999 Marine Corps manual Tactics, Techniques, and Procedures for the Field Artillery Manual Cannon Gunnery also made the list. The only time the word "flat" appears is on page 10-17, where it reads,

For an MPI registration, the orienting point should be in a relatively flat (level) area to eliminate
the need to replot the MBL.
This obviously doesn't refer to the earth's shape, so it is doubtful that this is what triggered the
inclusion on the list. What likely brought the attention of flat-earthers is the statement of the
standard conditions of using field artillery (page 4 of the pdf linked above), which includes "no
rotation of the earth." However, the standard conditions include specified air temperature and
air density, no wind, and the gun, target, and the meteorological datum plane being in the
same altitude. Realistically, none of those conditions are ever met. Furthermore, the rotation
of the earth is explicitly mentioned 10 times in the manual as corrections to the standard
conditions (pages 3-15, 3-18 [twice], 5-11, 7-19 [twice], 11-50, Glossary 3, Glossary 4, and
Glossary 9). In fact, the two mentions of earth's rotation on page 7-19 describe the use of
Table H on the next page to make corrections to range for the earth's rotation and Table I on
the following page for correcting the azimuth for the Coriolis effect. Hence, this government
document that supposedly supports a stationary, flat earth does no such thing.
A manual related to the above is the Marine Corps' TTP for the Field Artillery Cannon Gunnery. It
is not clear why this source made the list, for the term "flat earth" appears nowhere in it, nor is
there any mention of the earth's rotation. The term "flat terrain" appears twice (page 5-16 and
page 8-1), as does the term "flat areas" (both on page F-2). Even flat-earthers likely would
recognize that these could not be construed to mean the earth is not spherical. The flat-
earther who decided this was a government document that admitted the earth is flat merely
searched for the word "flat" without examining the context.
A similar Army artillery manual Field Artillery Manual Cannon Gunnery made the list too, though
that document mentions "flat earth" nowhere. Regarding the earth's rotation, the language of
the Army manual is identical to the Marine Corps manual in that it lists the same standard
conditions even in the same format (page 11-1). It even contains the same information for
correcting for the earth's rotation. The Army manual includes the same Table H (page 7-20)
and Table I (page 7-21) as the Marine Corps manual does. The Army manual goes into more
detail, explaining the need for correction for the Coriolis effect on pages 7-18 and 7-19. Again,
rather that this source supporting a flat, stationary earth, this source supports a spherical,
rotating earth.
A related manual Field Artillery Gunnery made the list, though it doesn't use the term "flat
earth" or mention the earth's rotation. However, this manual twice endorses the spherical
earth when it defined the range of an artillery round (pages 2-23 and 2-28):
Range – The distance measured on the surface of a sphere concentric with the earth from the
muzzle to a target at the level point.
So, rather than supporting the notion the earth is flat and stationary, this source reflects the
conventional cosmology.
The firing tables for the above artillery manuals were produced and reported in the Aberdeen
Proving Grounds 1967 publication "The Production of Firing Tables for Cannon Artillery." Since
this publication does not mention flat earth, it is a mystery why it is included in the list. This
publication went into detail of how the tables were generated, including the correction for the
Coriolis effect. The tables H and I of the above manuals are found on pages 101–102 in this
publication.
Telemetry and Target Acquisition Studies

A 2017 report sponsored by several government agencies titled "Telemetry Standards" was
included in the list. Sure enough, "flat-earth" appears three times in this document. Let's look
at the first occurrence on page F-2:
At the outset, it should be noted that the curvature of the earth complicates the trigonometry
for computing elevation, azimuth, and bearing angles. For example, the elevation angle
computed for the path from an AMT ground station to a flight test aircraft 320 km away
operating at an altitude of 30,000 feet will be close to zero degrees due to the curvature of the
earth. Using a flat-earth approximation, the angle would be computed to be approximately 4
degrees, thus suggesting incorrectly that interference from terrestrial sources would not be
received in the main beam of the AMT ground station.
Notice that this document explicitly refers to the earth being spherical, suggesting that
assuming that the simplifying assumption of a flat earth can be used as an approximation for
some situations, but not for others. The text continues on the next page:
The equations used in the representative examples below assume a spherical earth, as
evidenced by the inclusion of the value for the radius of the earth in km (e.g., 6358 km).
The flat-earth approximation is obtained by letting the value of the earth's radius go to infinity.
Again, it could not be clearer that this document assumes the earth is spherical, not flat. The
other two occurrences of "flat-earth" in this report support this conclusion.
A 2002 Army Research Laboratory report titled "Automatic Target Acquisition of the DEMO III
Program" was included in the list. The word "flat" appears twice. The second occurrence
refers to a panel on a device being flat. Here is the other occurrence from page 1:
In other scenarios, only the range to the center of the field-of-view and the depression angle is
known so that a flat earth approximation provides the best estimate.
The text is clear that assuming the earth is flat is merely a simplifying approximation on a
spherical earth. Again, this document does not state that the earth is flat.
A 2010 Army Research Laboratory report titled "Beacon Position and Attitude Navigation Aided
by a Magnetometer" also made the list. This study investigated a method of accurately
determining the position and motion of a projectile. The single use of the term "flat earth"
occurs on page 3:
This section summarizes and notates three kinds of coordinate systems. The first is the Earth-
fixed coordinate system, which is fixed to the Earth with a flat Earth assumption. Denote X, Y,
and Z as the unit vectors pointing in the directions of the X, Y, and Z axes, respectively. Without
loss of generality, the X, Y, and Z axes point to forward, right, and down, respectively. The
second is the body-fixed coordinate system, with three unit vectors X_b , Y_b , and Z_b pointing to
the X_b , Y_b , and Z_b axes, respectively. The X_b axis is along the object's symmetric axis, referred
to as the spin axis. The other two axes are perpendicular to the spin axis and each other. The
Earth-fixed coordinate system and the body-fixed coordinate system are shown in figure 1.
[emphasis added]
Notice that this work employs a flat earth assumption in one set of coordinates. What does
this mean? It doesn't mean that the earth is flat. Rather, it is describing a set of coordinates
with respect to a point on the earth's surface. From that reference point, one can define
altitude and azimuth, as illustrated in Figure 1. Altitude and azimuth are expressed with
respect to the horizon plane, which is tangent to the surface of the spherical earth at the
location of the reference point. It is this tangent plane that is meant by the flat
earth assumption. In the figure, the altitude angle is θ , and the azimuth angle is ψ . This is the



What were the restrictions? The simplifying assumptions of a flat earth and an atmosphere with no turbulence. Why would treating the earth as flat be a restriction if the earth truly were flat?

A 2001 Army Research Laboratory report titled "<u>Scale-Insensitive Detection Algorithm for FLIR</u> <u>Imagery</u>." What probably triggered the inclusion of this paper in the list was the one occurrence of the word flat in the introduction (page 1):

For example, in some scenarios, it is assumed that the range is known to within one meter from a laser range finder or a digital map. In other scenarios, only the range to the center of the field of view and the depression angle is known, so that a **flat**-

earth approximation provides the best estimate. [emphasis added]

It clearly states that the assumption of a flat earth is an approximation. An approximation to what? A spherical earth, because the earth appears flat locally, and over relatively short distances (a few miles), there is little difference between assuming the earth is spherical or flat. What distance is involved in this report? The FLIR referred to in the title is the Forward Looking Infrared imaging system used for target acquisition developed for the RAH-66 Comanche helicopter, an aircraft that never went into production (two prototypes were built). The maximum range of the armaments on the Comanche was 11 kilometers, less than seven miles.

Firmament

Among the articles that flat-earthers claim are government admissions that the earth is flat, there is one odd one that uses the word "firmament." Flat-earthers generally think the firmament mentioned nine times in Genesis 1 refers to a dome over the flat earth. Hence, if a government agency admits that there is a firmament (dome), then that is tantamount to admitting the earth is flat, at least in the estimation of flat-earthers. The document in question is an abstract from a Soviet scientific journal. The CIA regularly translated abstracts and articles from Soviet scientific journals, and the abstract in question was one authored by P. N. Boyko and V. M. Kazachevskiy in 1961. The translation was released in 2000. The translated title of the article was "Photographic Observations of the Spectral Intensity of the Firmament." You can see the translated abstract on pages 21–22 here. This is a provocative title, and flatearthers seized upon it, interpreting it as an admission by the Soviet government that there is a hard dome over a flat earth. What is odd about this? This is not an easy abstract to find. One must wonder how flat-earthers ever found it. If you bothered to find the abstract via the link I provided, scroll to pages 17-18. There is an abstract from the previous issue of the same journal by the same authors with a similar title: "Observations of Sky Spectral Brightness by the Photographic Method." Why does one abstract have the word "firmament," while the other abstract has the word "sky"? Notice that the translator of the earlier abstract was V. Golikov, while the later abstract was translated by G. Livshits. I suspect that the same Russian word was used in the titles of the two abstracts, but that one translator chose to put it into English as "sky," while the other chose the word "firmament." Most English dictionaries recognize "sky" as the meaning of "firmament," although calling the sky the firmament is a bit archaic. There were several other related papers authored by Boyko and to a lesser extent Kazachevskiy. They all discussed atmospheric transparency and scattering, which directly relate to the two papers in question. This example hardly amounts to an admission that there is a dome over a flat earth. Furthermore, this abstract is from a scientific journal rather than a government agency, though one might argue that under communist governments there is not much difference.

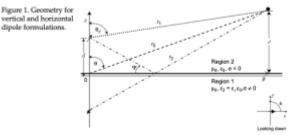
	Conclusion
	In many instances, it appears that flat-earthers simply searched for the words "flat" or "flat
	earth" and hastily concluded that the documents involved endorsed the notion the earth is
	flat.
	I have examined more than 40 government documents claimed by some flat-earthers to be
	admissions that the earth is flat. In none of them did I find any such admission. Rather, even
	when the term "flat earth" was found in these documents, careful examination with
	understanding of how physics and engineering methodology lays out simplifying (and
	technically false) assumptions revealed that the mere use of the term "flat earth" does not
	constitute a belief that the earth is indeed flat. In many instances, it appears that flat-earthers
	simply searched for the words "flat" or "flat earth" and hastily concluded that the documents
	involved endorsed the notion the earth is flat. In some cases, the sources cited as evidence
	of flat earth had statements that flatly contradicted that conclusion. Therefore, none of the
	claimed documents indicate the earth is flat.
DEAN ODLE	Dean Odle & Nathan Roberts government documents
GOVERNMENT	Dean Odle and Nathan Roberts think that government documents admit the earth is flat. They
DOCS	even have a list of 44 documents they think admit this. I review them here.
	However, before starting there is a little prerequisite reading:
	https://en.wikipedia.org/wiki/Idealization (science philosophy)
	Idealization is the process by which scientific models assume facts about the phenomenon being
	modeled that are strictly false but make models easier to understand or solve.
	Dissertations Defended in the Scientific Council of the Institute of Physics of the Earth
	Pages: 19, 20
	This no longer links to the document, but it is the URL from Nathan Roberts
	https://www.cia.gov/library/readingroom/docs/CIA-RDP86-00513R001343720008-3.pdf
	Direct PDF Download: 01 CIA-RDP86-00513R001343720008-3
	This is a document from the USSR. It is a dissertation defense predicting light dispersion in the
	atmosphere based on a model.
	It uses the word "firmament" translated from Russian to mean "sky".
	This model assumes a flat earth to simplify calculations. Modeling is common in engineering to
	eliminate things that increase complexity without adding significant value to the output. This
	model also only calculated first-order scattering. This does not mean there is no scattering other
	that first-order, it means it was not included in the model.
	Page 25 of this document has a different dissertation titled "Determination of the Gravity Forces
	on the Sea by the Pendulum Method". This is an admission that gravity exists.
	If the earth were flat and stationary, it would collapse into a sphere due to gravity.
	"If both energy and angular momentum are exported efficiently, the object (if large enough) will
	collapse into a sphere."
	Page 2: <u>https://arxiv.org/pdf/1004.1091.pdf</u>
	Propagation of Electromagnetic Fields Over Flat Earth
	Pages: Cover Page, 7, 17, 18, 28, 35 https://www.arl.army.mil/arlreports/2001/APL_TP_2252.pdf
	https://www.arl.army.mil/arlreports/2001/ARL-TR-2352.pdf Page 7: "It is assumed that the transmitting antenna and the target (or receiver) are located above,
	but near the surface of a flat idealized earth (constant permittivity, ε , and conductivity, σ) ground."
	This assumption has three parts:
	flat earth
	nacount

constant permittivity

constant conductivity

This is a model. Specifically, this model is exploring reflections over a topographically flat surface, thus "flat earth", but not a perfectly conducting surface.

Page 8: "The problems of calculating the reflection of uniform plane wave fields from a homogeneous boundary and calculating the fields from a finite source local to a perfectly conducting boundary are relatively straightforward. However, when the source is local to a general homogeneous plane boundary, it is found that the solution cannot be expressed in closed form."



There are reasons engineers simplify things. When this paper talks about "flat earth" it is specifically speaking about an area of flat topography. This is in contrast to the normal condition of varying topography. Look at the diagram on page 2 for an example of the conditions this paper is modeling.

Calculating electrical fields over a flat surface is much less complicated than over any sort of varying surface.

This paper makes other assumptions that are also not true to make the calculations easier: "It is assumed that the transmitting antenna and the target (or receiver) are located above, but near the surface of a flat idealized earth (constant permittivity, ε , and conductivity, σ) ground."

We know with complete certainty that ground does not have constant permittivity or conductivity. They made these assumptions to make the calculations simpler and more universally applicable. None of the engineering simplifications in this document suggest anything about the shape of the earth.

An Energy Budget Model to Calculate the Low Atmosphere Profiles of Effective Sound Speed at Night

Pages: 10, 16

https://www.arl.army.mil/arlreports/2003/ARL-MR-563.pdf

Page 10: Nathan thinks a not-to-scale diagram somehow suggests the earth is flat? Surely you can't be serious.

Page 16: "To briefly examine short range acoustic attenuation at night, we use the low atmosphere profiles of wind speed, temperature, and relative humidity (shown before) as input to a flat earth, non-turbulent acoustic propagation model called the Windows (version) Scanning Fast Field Program (WSCAFFIP)."

This very clearly states they are modeling to calculate short-range acoustic attenuation. They are using profiles to model wind, temperature, and humidity as well as topographically flat terrain. Modeling is an engineering tradeoff to reduce complexities, particularly ones that have trivially small effects on the output.

Computationally Efficient Algorithms for Estimating the Angle of Arrival of Helicopters Using Acoustic Arrays

https://www.arl.army.mil/arlreports/2010/ARL-TR-5118.pdf Page 4 refers to GPS as "global positioning system".

Page 17, 30, 31, 35 This document deals with a model for using acoustic signals to ascertain information about helicopters. This includes bouncing the sound off a "flat earth". This is referring to the topography of the surface of the earth, it is not suggesting anything about the shape of the earth as a whole. It's important to understand this document is about modeling how sound waves propagate. It's clear Nathan simply searched this document for the word flat and did nothing more than noting the page numbers. He didn't even read the full sentence like this for example: "The assumptions of straight-line propagation, constant reflection coefficient, or reflection off a flat earth may not be valid." Of course, this is not referring to a flat earth model in regard to the entire world either, just the accuracy of the model within the scope this document is exploring. Adding Liquid Payloads Effects to the 6-DOF Trajectory of Spinning Projectiles Page: 7
https://www.arl.army.mil/arlreports/2011/ARL-TR-5810.pdf This document models spinning projectiles with a liquid payload. This is compared to a model for spinning projectiles that are solid. These models are compared and then compared to real observations.
The model assumes a flat earth to simplify calculations. Modeling is common in engineering to eliminate things that increase complexity without adding significant value to the output. In particular, this is about not including the topography of the land in the calculations. This is not about the earth's shape as a whole.
Trajectory Prediction of Spin-Stabilized Projectiles With a Steady Liquid Payload Page: 10
https://www.arl.army.mil/arlreports/2011/ARL-TR-5810.pdf
This is an updated version of document #5 from the same author. It's still about modeling liquid-
filled projectiles over flat earth or topography.
Derivation and Definition of a Linear Aircraft Model
Pages: 6, 35, 55, 102
Nathan's link: https://www.nasa.gov/centers/dryden/pdf/88104main_H-1391.pdf
Link with searchable text: http://hdl.handle.net/2060/19890005752
The searchable document includes blank pages from the original document so the page numbers diverge throughout the document. I will use page numbers based on Nathan's unsearchable document.
This document is modeling aircraft flight. There are many simplifications used to make the calculations more manageable. :
The aircraft is assumed to be rigid. This is clearly never the case. Wings flex depending on lift. The body of the plane will twist slightly under different forces. However, these flexes have a nominal impact on the flight so can be ignored.
The aircraft is assumed to have a constant mass. Since airplanes use fuel, this is not possible. However, the varying mass doesn't affect the outcome enough to require inclusion so is ignored.
The air is considered to be stationary, that is there is no wind taken into account. We all are aware
there is wind, but it is left out of these calculations.
The surface of the earth is calculated as if it is flat. Obviously, there is topography over land. This
document is, in no way, suggesting hills and mountains don't exist, they are left out of the
calculations for simplicity. This is not making any reference to the earth's shape as a whole.
Pages 7, 8, 24 acknowledge gravity. See note on document #1.
General Equations of Motion for a Damaged Asymmetric Aircraft
Page: 2
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20070030307.pdf

This document models a damaged aircraft's flight. Being this is a model many simplifications are
assumed. None of these assumed items are being claimes to be true in general:
rigid aircraft
flat non-rotating earth
In contrast to several other aircraft models, this one specifically calculates the changes based on
the non-symmetric weight distribution. This is an excellent example of engineering's ability to
isolate things while modeling and apply them to a larger solution. Regular airplane flight models
are used in conjunction with the information in this document to provide a broader model of a
damaged aircraft.
Pages 3, 6, and 7 acknowledge gravity. See note on document #1.
Predicted Performance of a Thrust Enhanced SR-71 Aircraft with an External Payload
Page: 10
https://www.nasa.gov/centers/dryden/pdf/88507main_H-2179.pdf
"The DPS equations of motion use four assumptions that simplify the program while maintaining
its fidelity for most maneuvers and applications: point-mass modeling, nonturbulent atmosphere,
zero side forces, and a nonrotating Earth."
It seems Nathan didn't read anything more than just the words "nonrotating Earth". It's very
clearly stated that these assumptions are to simplify the program.
If someone thinks this suggests anything about the shape of the earth, would it also suggest that
airplanes are actually point-masses? Would it also suggest there is no turbulence in the
atmosphere? No.
This is a clear use of Idealization. This is also a clear illustration that Nathan has no idea how
engineering is done.
Derivation of a Point-Mass Aircraft Model used for Fast-Time Simulation
On Nathan's web page he has the title mislabeled.
Page: 7
https://www.mitre.org/sites/default/files/publications/pr_15-1318-derivation-of-point-mass-aircraft-
model-used-for-fast-time-simulation.pdf
This document describes a model for aircraft flight and testing avionics systems.
Here is the quote from page 7: "Assuming a flat, non-rotating Earth, an inertial reference frame N is
defined with the n1 axis aligned with east, the n2 axis aligned with north, and the n3 axis pointing
up from the Earth."
This is an example of real-world engineering happening. Trade-offs are made in engineering to
simplify things and reduce time and costs. Notice in the title of the document where it says
"Point-Mass Aircraft". This means the engineering has simplified all the mass of an airplane into a
single point. Is this an admission that airplanes actually have all their mass concentrated in one
point? Of course not, this is standard engineering.
A Method for Reducing The Sensitivity of Optimal Nonlinear Systems to Parameter Uncertainty
Page: 14
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19710018599.pdfA point-mass vehicle
A flat, nonrotating earth
A constant-gravity field, g = 9.8 m/sec2 (32.2 ft/sec2)
Constant thrust and mass-loss rate
A nonlifting body in a nonvarying atmosphere with a constant drag parameter
Airplanes are not point masses
Thank you for confirming gravity, see note on document #1
Thrust and mass-loss rate is not constant
Are airplanes non-lifting bodies? Does the atmosphere not vary? Is drag constant?

	All engineering tradeoffs that are not true, but used to simplify calculations.
	Calculation of Wind Compensation for Launching of Unguided Rockets
	Pages: 8, 10
	https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20040008097.pdf
	"A trajectory simulation incorporating the above requirements is presented in reference 8. In
	addition to the above requirements, this simulation assumes a vehicle with six degrees of freedom
	and aerodynamic symmetry in roll and the missile position in space is computed relative to a flat
	nonrotating earth. This trajectory simulation was programmed on the IEN704 electronic data
	processing machine and is the basis for all trajectory computations made in this paper."
	The IBM 704 Electronic Data-Processing Machine was introduced in 1954. This is a very basic
	computer by today's standards. It is severely limited in its processing ability. Aggressive tradeoffs
	must be taken to enable this computer to do any calculations.
	Some examples of assumptions made to simplify calculations:
	In this paper the rocket is assumed to turn instantaneously into the wind so that the vehicle axis is
	always tangent to the trajectory.
	These equations, however, are still limited to one plane, and also the same weighting factors in
	pitch and yaw are assumed.
	This paper also addresses assumptions taken from previous publications and addresses the
	errors introduced from these assumptions:
	It was assumed that the vehicle has roll symmetry although
	the Recruit rocket motors produce an unsymmetric effect.
	Page 3 includes the effects due to gravity. See note on document #1.
	User's Manual for LINEAR, a FORTRAN Program to Derive Linear Aircraft Models (2768)
	Page: 16
	https://www.nasa.gov/centers/dryden/pdf/88072main_H-1259.pdf
	"Within the program, the nonlinear equations of motion include 12 states representing a rigid
	aircraft flying in a stationary atmosphere over a flat nonrotating earth"
	These are engineering simplifications used to make calculations easier. Other assumptions that
	are not true include:
	Rigid aircraft
	Stationary atmosphere – zero wind
	Page 8 includes the effects due to gravity. See note on document #1.
	User's Manual for LINEAR, a FORTRAN Program to Derive Linear Aircraft Models (2835)
	Page: 4
	https://www.nasa.gov/centers/dryden/pdf/88112main_H-1443.pdf
	This is an updated user manual for the same program mentioned in #13.
	Determination of Angles of Attack and Sideslip from Radar Data and a Roll-Stablized Platform
	Page: 2
	https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19720012071.pdf
	"Equations for angles of attack and sideslip relative to both a rolling and nonrolling body axis
	system are derived for a flight vehicle for which radar and gyroscopic-attitude data are available.
	The method is limited, however, to application where a flat, nonrotating earth may be assumed.
	The gyro considered measures attitude relative to an inertial reference in an Euler angle sequence.
	In particular, a pitch, yaw, and roll sequence is used as an example in the derivation. Sample
	calculations based on flight data are presented to illustrate the method. Results obtained with the
	present gyro method are compared with another technique that uses onboard-camera data."
	This specifically states this can only be used for applications where a flat and nonrotating earth
	may be assumed. There are applications where this cannot be assumed.
<u> </u>	

Page 5 expands on this limitation:
"This assumption limits the analysis to short-range, short-duration flights."
Page 8 explicitly states that the earth is rotating and instruments can measure this rotation:
"In addition, since a roll-stabilized platform provides a true inertial reference in space, the earth's
rotation will cause readings on the gyro while the vehicle is still on the earth."
Also on page 17:
"In addition to these gyro errors, there is an uncertainty of 0.25 deg/min because the earth's
rotation has not been accounted for."
U.S. Standard Atmosphere (1962)
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19630003300.pdf
Page 22: "For the accuracy required in this document, it suffices to treat the surface $\Phi = 0$ as an
ellipsoid whose flattening (ellipticity) is $f = 1-(b/a) = 1/298.32$ where b is the semiminor axis, or
polar radius."
In Nathan's cherry-picking exposition he got so excited that he read this sentence without
attempting to understand what it meant. The flattening of the earth or its ellipticity refers to the
difference of the major and minor semi-axes of a sphere. This is due to the centrifugal force from
the earth's rotation.
Further, this document has many mentions and tables concerning gravity. Way too many to list
here. See gravity note on Document 1.
Notably, starting on page 78 is a table labeled "ACCELERATION DUE TO GRAVITY, SPECIFIC
WEIGHT, PRESSURE SCALE HEIGHT, NUMBER DENSITY, PARTICLE SPEED, COLLISION
FREQUENCY, MEAN FREE PATH, AND MOLECULAR WEIGHT"
Further, this document mentions rotation and centrifugal force due to earth's rotation:
Page 8: "Under the influence of gravitational and centrifugal forces this line OP will bend
polewards as it rises except along the axis of rotation of the earth and along an equatorial radius extended."
Page 21: "The force of gravity is the resultant (vector sum) of two forces: (a) the gravitational
attraction, in accordance with Newton's universal law of gravitation, and (b) the centrifugal force,
which results from the choice of an earthbound, rotating frame of reference."
Page 21: "The centrifugal potential Φc can be expressed as [equation omitted for brevity] where Ω
the angular velocity of the earth and r cos Ψ is the distance, measured perpendicularly to the
earth's axis, from this axis to the point $(r, \Phi, \Psi;)$."
Page 22: "The spherical coordinates r, Φ , and Ψ are, respectively, the radial distance from the
earth's center, the longitude, and the geocentric latitude (the angle that the radius vector makes
with the equatorial plane of the earth)."
Thank you, Nathan, for including this document that admits the earth is a rotating sphere under
the influence of gravity. A globe with the necessary ellipticity for a rotating sphere as Newton
proved in his Principia.
An Aircraft Model for the AIAA Controls Design Challenge
Page: 13
https://www.nasa.gov/centers/dryden/pdf/88248main_H-1777.pdf
"The nonlinear equations of motion used in this model are general six-degree-of-freedom
equations representing the flight dynamics of a rigid aircraft flying in a stationary atmosphere over
a flat, nonrotating Earth."
These are engineering simplifications used to make calculations easier. Other assumptions that
are not true include:
Rigid aircraft
Stationary atmosphere – zero wind

Page 3 includes the effects due to gravity. See note on document #1.
Investigation of Aircraft Landing in Variable Wind Fields
Page: 14
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19790005472.pdf
This is th list of assumptions made when doing the analysis:
a) The earth is flat and non-rotating.
b) The acceleration of gravity, g, is constant (9.8 m/sec2).
c) Air density is constant (1.23 kg/m3).
d) The airframe is a rigid body.
e) The aircraft is constrained to motion in the vertical plane.
f) The aircraft has a symmetry plane (the x-z plane).
g) The mass of the aircraft is constant.
h) Initial flight conditions are for steady-state flight.
This are engineering tradeoffs:
a) The earth is neither flat nor nonrotating, but the errors due to leaving these out of the
calculations is acceptable.
b) The acceleration of gravity is not constant, iv varies based on elevation, latitude, and variations
in the earth's composition. However, this acknowledges the effect due to gravity, see note on
document #1.
c) Air density is not constant.
d) Airframes are not rigid.
e) Aircraft are free to turn left or right.
f) aircraft are not symmetrical
g) aircraft mass varies based on fuel consumption or weapons use
h) flights are not stead state
A Mathematical Model of the CH-53
Page: 25
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19810003557.pdf
"The helicopter equations of motion are given in body axes with respect to a flat, nonrotating Earth. The helicopter is considered a rigid body with
mass symmetry about the xh – zh plane. The effects due to the engine angular momentum are
neglected."
Another list of engineering simplifications done to ease calculations:
flat, nonrotating earth
helicopters are rigid bodies
mass symmetry
engine angular momentum is neglected
Page 4 includes the effects due to gravity. See note on document #1.
The Development and Validation of a Piloted Simulation of a Helicopter and External Sling Load
Pages: 6, 37, 48
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19790005912.pdf
Page 6: "A general set of nonlinear, rigid-body equations of motion for both the helicopter and
external load determines the motion of each vehicle with respect to a flat, nonrotating Earth."
Page: 37: "The equations of motion for both the helicopter and the external sling load are
developed in body axes with respect to a flat, nonrotating Earth. It is assumed for convenience
that each body is rigid and that the xh-zh plane and the xl-xl plane are planes of mass symmetry
and that gyroscopic effects of engines are negligible."
See note on Document #19

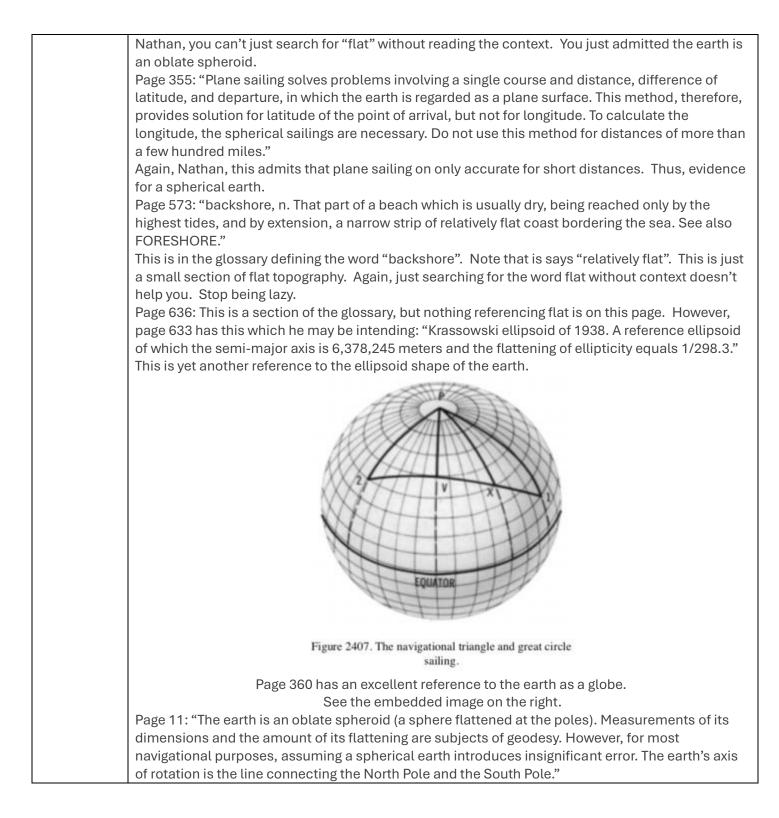
Page 48: "It consists of a Maltese cross with a 45-m by 45-m border. The terrain is generally flat,
and provision is made for variable visibility, variable cloud-base heights, and day, dusk, and night
scenes."
Did Nathan just search for "flat" and cite any page that had flat? This is referring to
topography. Nathan, you're lazy.
Page 4 includes the effects due to gravity. See note on document #1.
Atmospheric Oscillations
Page: 13
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19650015408.pdf
"The most one can profitably simplify the problem is to consider an isothermal atmosphere, plane
level surfaces, and a nonrotating earth. This case has been handled by Eckart [1960], Lamb
[1932], and Hines [l960]. The simplification is not valid for small effects, but general, large effects
m y be described and discussed."
More engineering simplifications. This clearly states there are problems with this simplification.
Page: 11: "Eckart [l960]went through a second derivation in which the effect of the earth's rotation
was included."
Oops, Nathan, this admitted the earth rotates.
Almost every page mentions gravity. See note on document #1.
Stability and Control Estimation Flight Test Results for the SR-71 Aircraft With Externally Mounted
Experiments
Page: 19
https://www.nasa.gov/centers/dryden/pdf/88733main_H-2465.pdf
Page 10-11: "These equations assume a rigid vehicle and a flat, nonrotating Earth. The time rate of
change of mass and inertia is assumed negligible. The SR-71 configurations studied herein, like
most aircraft, are basically symmetric about the vertical-centerline plane."
These are engineering simplifications:
rigid vehicle
flat, nonrotating Earth
time rate of change of mass and inertia is assumed negligible
symmetrical about the vertical-centerline plane
Page 2 includes the effects due to gravity. See note on document #1.
Flight Testing a V/STOL Aircraft to Identify a Full-Envelope Aerodynamic Model
Page: 9
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19880014378.pdf
"For aircraft problems, the state and measurement models together represent the kinematics of a
rigid body for describing motion over a flat, nonrotating Earth"
These are engineering simplifications:
rigid body
flat, nonrotating Earth
Singular Arc Time-Optimal Climb Trajectory of Aircraft in a Two-Dimensional Wind Field
Page: 2
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20060053337.pdf
"In our minimum time-to-climb problem, the aircraft is modeled as a point mass and the flight
trajectory is strictly confined in a vertical plane on a non-rotating, flat earth. The change in mass of
the aircraft is neglected and the engine thrust vector is assumed to point in the direction of the
aircraft velocity vector. In addition, the aircraft is assumed to fly in an atmospheric wind field
comprising of both horizontal and vertical components that are altitude-dependent. The

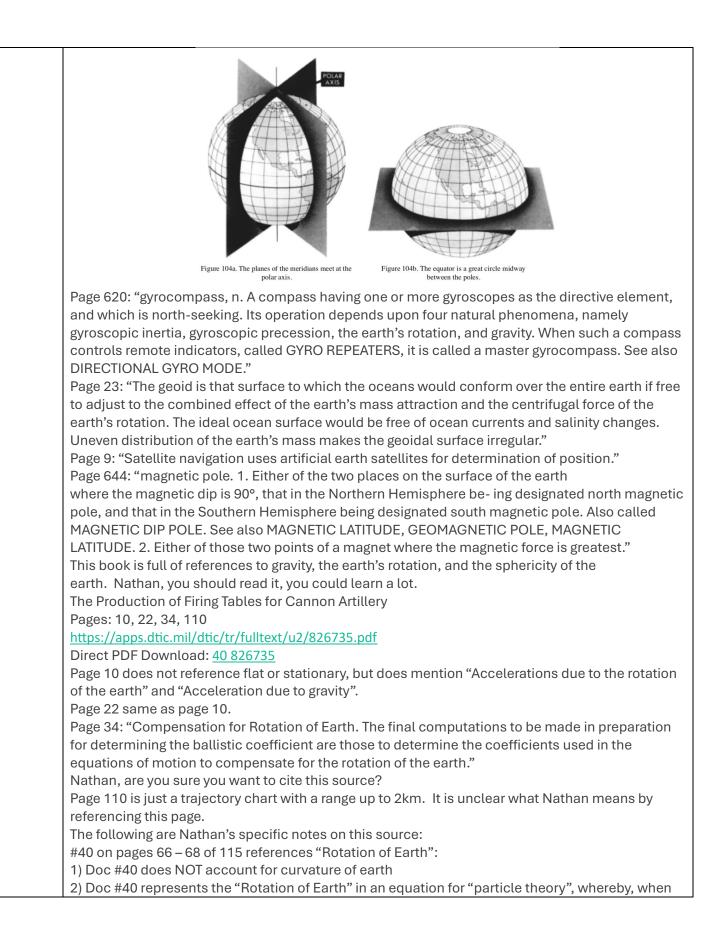
horizontal wind component normally comprises a longitudinal and lateral component. We assume that the aircraft motion is symmetric so that the lateral wind component is not included."
This is simply a list of simplifying assumptions to make calculations easier. Point mass aircraft
strictly vertical flight trajectory
No change in the mass of the aircraft
Engine thrust vector points in the direction of aircraft velocity
Aircraft motion is symmetric
No lateral wind
STUDIES ON INSTABILITIES IN LONG-BASELINE TWO-WAY SATELLITE TIME AND FREQUENCY TRANSFER (TWSTFT) INCLUDING A TROPOSPHERE DELAY MODEL
Pages: 2, 6
https://tycho.usno.navy.mil/ptti/2007papers/paper21.pdf This link may be broken, <u>use this one</u> :
Page 2: "The TDEV shape of the residuals (as depicted in Fig. 2, right hand) is almost flat at a level
around 140 ps, and the noise type corresponds to flicker phase noise."
That flatness there refers to the shape of the residuals being flat at a level of 140 picoseconds. It
doesn't refer to topography or the shape of the earth.
Page 6: "Two are rough approaches, namely a simple plane troposphere (assuming a flat Earth)
and the straight "line of sight" through the spherical troposphere shell [14]."
This notes that flat earth is a rough approach.
This also notes that the troposphere is a sphere. Thanks, Nathan, for referencing the spherical
earth.
"In operational TWSTFT, both ground stations and the satellite spin around the rotation axis of the Earth."
Thank you, Nathan, for acknowledging satellites exist and that the Sagnac effect measures the rotation of the earth.
Scale-Insensitive Detection Algorithm for FLIR Imagery
Page: 6
https://www.arl.army.mil/arlreports/2001/ARL-TN-175.pdf
"For example, in some scenarios, it is assumed that the range is known to within one meter from a laser range finder or a digital map. In other scenarios, only the range to the center of the field of view and the depression angle is known, so that a flat-earth approximation provides the best
estimate."
This clearly notes that flat-earth is an approximation.
User Manual for the Microsoft Window Edition of the Scanning Fast-Field Program (WSCAFFIP)
Version 3.0 Page: 45
https://www.arl.army.mil/arlreports/2003/ARL-TR-2696.pdf
"This model works over a flat earth and non-turbulent atmosphere. Even with these restrictions,
the model performs very well for many scenarios."
This neither claims the atmosphere is non-turbulent nor that the earth is flat. These are
engineering simplifications. It also clearly states this is a restriction that performs in a limited
number of scenarios.
Path-Loss Measurements in a Forested Environment at VHF
Pages: 8, 16, 17, 18, 19, 20, 23, 25, 26, 35
http://www.arl.army.mil/arlreports/2000/ARL-TR-2156.pdf

	Page 8: "We made multipath measurements to provide confidence in the data and to get an idea
	of how well our measurements of the clearing represented
	an ideal flat earth. We measured the path loss at a range of 410m"
	This and all the other references are referring to a topographically flat area. In no way is this
	referring to anything other than a topographically flat limited area.
	Review of Sound Propagation in the Lower Atmosphere
	Page: 18, 208
	https://apps.dtic.mil/dtic/tr/fulltext/u2/067880.pdf
	Page 18: "In most of the topics to be discussed the problem Is to describe the sound field in a
	region of atmosphere above a flat earth."
	This is referring to a topographically flat area.
	There are other assumptions and simplifications in the document that are also not true but are
	part of the engineering tradeoffs:
	"the source is like a point source and has spherical symmetry"
	"nonlinear effects are ignored"
	"pressure amplitudes are small in comparison to atmospheric pressure"
	Page 208 is a citation to a different publication with "flat earth" in the title. How lazy can you get to
	just find the words "flat earth" without even looking at the context? Nathan, grow up.
	Beacon Position and Attitude Navigation Aided by a Magnetometer
	Page: 11
	https://www.arl.army.mil/arlreports/2010/ARL-CR-650.pdf
	"This section summarizes and notates three kinds of coordinate systems. The first is the Earth-
	fixed coordinate system, which is fixed to the Earth with a flat Earth assumption. Denote X, Y, and
	Z as the unit vectors pointing in the directions of the X, Y, and Z axes, respectively. Without loss of
	generality, the X, Y, and Z axes point to forward, right, and down, respectively. The second is the
	body-fixed coordinate system, with three unit vectors Xb, Yb, and Zb pointing to the Xb, Yb, and Zb
	axes, respectively."
	This is just discussing the coordinate systems. How can you not understand this?
	Jut like all the rest, there are also engineering trade offs made like assuming rigid airplane bodies.
	Automatic Target Acquisition of the DEMO III Program
	Page: 9
	http://www.arl.army.mil/arlreports/2002/ARL-TR-2683.pdf
	"In other scenarios, only the range to the center of the field-of-view and the depression angle is
	known so that a flat earth approximation provides the best estimate."
	It seems Nathan missed the word "approximation" immediately after "flat earth". Yeah, it's an
	approximation that works for some circumstances.
	Modeling of Atmospheric Effects Page: 13
	https://www.arl.army.mil/arlreports/2000/ARL-TR-1812.pdf
	Nothing apparent on page 13, but page 28 has this: "This model works well over a flat-earth and a
	non- turbulent atmosphere. In the near future this model will be added to the EOSAEL."
	More engineering assumptions:
	flat-earth
	non-turbulent atmosphere
	Neither of these are true, but can be omitted from calculations for simplification. The errors
	introduced by these simplifications are small and acceptable.
	Telemetry Standards
	Page: 172
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http://www.irig106.org/docs/106-17/106-17_Telemetry_Standards.pdf
"Although the equations for the two-ray model can be rather daunting, in its simplest form, one
uses flat-earth trigonometry to compute the difference in path lengths between the direct and
reflected signals."
Doing the calculations in it's simplest form is for a flat earth.
This model is later stated to be inadequate:
"Since the two-ray model is seldom adequate for predicting path loss over terrain, a wide
assortment of models that include the effects of terrain has been developed. These are based on
different combinations of assumptions regarding reflection, refraction, diffraction, signal
blockage, Fresnel zone impingement, etc., and are available with terrain databases already
included."
Approximate Optimal Guidance for the Advanced Launch System
Page: 172
https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19940020279.pdf
There are not 172 pages in the cited publication.
Page 32: "This chapter presents the modelling of motion for the rocket. Included are sections on
the properties of the propulsion, aerodynamics, masses, gravity, and the atmosphere. A small
expansion parameter, the ratio of the atmospheric scale height to the radius of the Earth, is then
used to separate the dynamics into the primary and perturbation effects. Lastly, the equations of
motion for the zeroth-order problem of flight in a vacuum over a flat Earth are presented."
Um, gravity? Nathan, read, don't cherry pick.
Do you think this is admitting that airplanes fly in a "vacuum over a flat Earth"? No, this is yet
another simplification.
Same for page 43, except there even more simplifications listed:
vehicle is assumed to be restricted to fly in the equatorial plane
lift, thrust, and velocity vectors all lie in the same plane
roll angle is eliminated from the equations
assumptions of no side force
no sideslip
Gravity is included in calculations in many places.
Pages 20, 32, and 41 reference earths radius. Congratulations, Nathan, you are confirming the
earth is a sphere.
Flight Simulation Software at NASA Dryden Flight Research Center
Pages: 4, 10
https://www.nasa.gov/centers/dryden/pdf/88380main_H-2052.pdf
Page 4: "The small simulation staff, large number of projects, and frequent model updates (based
on flight results) have driven development of a versatile standard simulation structure. This
structure, with both flat- and oblate-Earth versions, has successfully supported more than 50
different aircraft. The software is used in batch-mode, real-time pilot-in-the-loop, and flight
hardware-in-the-loop operation."
Seriously, this mentions the oblate earth too. Are you getting lazier in your searches for the word
"flat", Nathan?
Page 10: "In most cases, flat-Earth six-degree-of-freedom equations of motion are used. Oblate-
Earth equations of motion were developed for the space shuttle simulation and later used in the
NASP and follow-on simulation studies. The flat- and oblate-Earth equations of motion use a
hybrid axis system that allows forces and moments to be added in the axis systems for which they are commonly computed, thus reducing axis transformations."

	Oops, this also references oblate earth equations were used for Space Shuttle modeling. Nathan,
	you just confirmed the Space Shuttle was modeled using oblate earth equations.
	Simulator Aero Model Implementation
	Page: 10
	https://www.aviationsystemsdivision.arc.nasa.gov/publications/hitl/rtsim/Toms.pdf
	"The above three equations, plus the three translational equations comprise the equations of
	motion for the rigid body aircraft."
	"For the flat, non- rotating earth considered here, any fixed frame of reference can be employed as
	an inertial frame."
	More engineering simplifications:
	rigid body aircraft
	flat, non- rotating earth
	Page 19 includes the effects due to gravity. See note on document #1.
	Design and Implementation of Flight Visual Simulation System
	Page: 3
	https://arxiv.org/pdf/1212.0365.pdf "In this paper, the FVSS is based on two assumptions:
	a. Flight area is the space above ground level where the rotation of earth and the curvy motion of
	mass center of earth are neglected.
	b. Aircraft is an ideal rigid body and influence from aircraft body elastic deformation and rotating
	parts are not considered."
	Engineering tradeoffs:
	rotation of the earth is neglected
	This is a clear admission that the earth rotates.
	Aircraft is an ideal rigid body
	influence from aircraft body elastic deformation and rotating parts are not considered
	Page 3 includes the effects due to gravity. See note on document #1.
	A Discussion of Methods of Real-Time Airplane Flight Simulation
	Page: 11
	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.510.7499&rep=rep1&type=pdf
	"Flat-Earth Coordinates. In many flight simulators, global navigation is not important. For
	example, the range of flight could be limited to a small area, or the simulator might not care about
	the airplane's location. In such cases, it is appropriate to model the Earth as a plane half-space
	rather than an oblate spheroid. Then, the simulator need not worry about how the local horizontal
	plane changes as the airplane flies around the Earth. This simplifies the bookkeeping in the
	simulator considerably."
	This sections explains the tradeoffs well.
	Pages 6, 13, and 21 includes the effects due to gravity. See note on document #1.
	Page 10 references earth's radius. Yay, the earth is a sphere. Of course, this is not news.
	The American Practical Navigator: An Epitome of Navigation
	Pages: 351, 355, 573, 636
	http://geocenter.survey.ntua.gr/main/labs/carto/academic/persons/bnakos_site_nafp/documentation/
	american_practical_navigator.pdf
	This link sometimes has issues downloading, I had to different times on different days. Here is a
	direct download of the PDF I was finally able to download:
	american practical navigator
	Page 351: "For example, when the navigator uses his latitude graduations as a mile scale to
	compute a great-circle course and distance, he neglects the flattening of the earth at the poles."
L	





the numerical value of zero (0) is plugged in for the variable to account for the alleged rotation it does not negatively impact the rest of the equation and it is able to compute.

MCToon response: When firing over land the curvature of the earth is immaterial, the topography is what matters. Plugging in a zero for the rotation of the earth will not cause an error in the equation, however, it will cause the projectile to miss its target.

See notes on item #44, for the same rotation admissions.

Field Artillery Manual Cannon Gunnery

Page: 175, 192

https://armypubs.army.mil/epubs/DR_pubs/DR_a/pdf/web/tc3_09x81.pdf Direct PDF Download: <u>41 tc3_09x81</u>

#41, "Field Artillery Manual Cannon Gunnery", page 48 of 664: "3-55. If a round were fired in a vacuum, gravity would cause the projectile to return to the surface of the earth. The path or trajectory of the projectile would be simple to trace. All projectiles, regardless of size, shape, or weight, would follow paths of the same parabolic shape and would achieve the same range for a given muzzle velocity and quadrant elevation."Nathan Roberts's reply: The "parabolic shape" of the trajectory of the bullet is caused by density, not gravity or the alleged curvature of a spherically shaped earth.

Doc #41, "Field Artillery Manual Cannon Gunnery", page 48 of 664:

3-57. Gravity causes a projectile in flight to fall to the earth. Because of gravity, the height of the projectile at any instant is less than it would be if no such force were acting on it. In a vacuum, the vertical velocity would decrease from the initial velocity to zero on the ascending branch of the trajectory and increase from zero to the initial velocity on the descending branch, Zero vertical velocity would occur at the summit of

the trajectory. For every vertical velocity value on the upward leg of the ascending branch there is an equal vertical velocity value downward on the descending branch. Since there would be no resistance to the forward motion of the projectile in a vacuum, the horizontal velocity component would be a constant. The acceleration caused by the force of gravity (9.81 m/s) affects only the vertical velocity."Nathan Roberts's reply: Gravity is an unproven theory, buoyancy is proven. Bullets fall because they are heavier than the medium they are within, that being the air.

Doc #41, "Field Artillery Manual Cannon Gunnery", page 49 of 664:

"The standard (chart) range is the range opposite a given elevation in the firing tables. It is assumed to have been measured along the surface of a sphere concentric with the earth and passing through the muzzle of a weapon. For all practical purposes, standard range is the horizontal distance from the origin of the trajectory to the level point."Nathan Roberts's reply: IF "It is assumed to have been measured along the surface of a sphere concentric with the earth", then why in the very next sentence does it state "For all practical purposes, standard range is the horizontal distance from the origin of the trajectory to the level point."

Doc #41, "Field Artillery Manual Cannon Gunnery", page 51 of 664:

"Deflection effects. Some of the deviations from the standard conditions affecting deflection are:

* Drift.

* Crosswind.

* Rotation of the earth."Nathan Roberts's reply: On page 192, "Rotation of the earth" is established as an "unproven theory", which holds zero bearing in reality.

Doc #41, "Field Artillery Manual Cannon Gunnery", page 132 of 664: 5-36. The third condition is valid met corrections considered by each of the firing platoons. This includes the met message valid for the firing platoon, propellant temperature, projectile weight, vertical interval, and corrections for earth rotation.Nathan Roberts's reply: On page 192, "Rotation of the earth" is established as an "unproven theory", which holds zero bearing in reality. Doc #41, "Field Artillery Manual Cannon Gunnery", page 186 of 664: "Range (Column 1). This is the distance measured from the muzzle to the target on the surface of a sphere concentric with the earth. When chart range is used as the entry argument for this table, it is expressed to the nearest 10 meters and interpolation is necessary." Nathan Roberts's reply: The same response given to "sphere concentric with earth" mentioned on page 49 applies here too. MCToon response: Earth's rotation is a scientific fact. It has been measured in many ways: See here for several measurements of earth's rotation. Gravity is not an "unproven theory". Gravity is a law of nature. It is properly called the Law of Gravitational Attraction. See here for several direct measurements of gravity. The radius of the earth is not unproven, it is a scientific fact. See here for rigorous and detailed measurements of the earth's radius. Field Artillery Gunnery http://militarynewbie.com/wp-content/uploads/2013/10/FM-3-09.8-FIELD-ARTILLERY-GUNNERY.pdf Direct PDF Download: <u>42 FM-3-09.8-FIELD-ARTILLERY-GUNNERY</u> It is unclear why Nathan included this document as he did not include a reference to any page and searching does not indicate anything about flat or stationary earth. Page 39 does acknowledge the earth is a sphere: "The distance measured on the surface of a sphere concentric with the earth from the muzzle to a target at the level point." Thanks, Nathan. TTP for the Field Artillery Cannon Gunnery https://www.globalsecurity.org/military/library/policy/usmc/mcwp/3-16-3/mcwp3-16-3.pdf Direct PDF Download: 43 mcwp3-16-3 Similar to #42. it is unclear what Nathan is referencing to in this document. Page 94 does admit that there are satellites in orbit around the earth for the Global Positioning System: "The satellite constellation. Ensures worldwide coverage with a minimum of four satellites within electronic line of sight to any point on the earth." Thanks, Nathan. See notes on item #44, for the same rotation admissions. Tactics, Techniques, and Procedures for the field artillery Manual Cannon Gunnery https://www.marines.mil/Portals/1/Publications/mcwp3 16 4.pdf Direct PDF Download: 44 mcwp3 16 4 Nathan doesn't specifically state what page he is referring to. It seems apparent he is referring to pages 4 and 129 where it says "NO ROTATION OF THE EARTH". This is included in a list of "standard conditions" used to determine the firing solution for artillery: Air Temperatur: 59°F Air Density 100 percent (1,225 gm/m²) No wind Gun, target, and MDP at same altitude MDP is "meteorological datum plane" Accurate range

	No rotation of the earth Standard weapon, projectile, and fuze Propellent temperature (70°F) Firing table muzzle velocity No drift. It is clear to anyone that these conditions are never true. These are simply the starting point for calculating the firing solution. The pages following this chart include how to include corrections for each of the items listed on this list. Page 208 gives instructions to include adjustments for the rotation of the earth:
	"Table H is used in the solution of concurrent and subsequent met. The extracted value is the correction to range in meters for the rotation of the earth at 0° latitude. A correction for any other latitude is extracted from the small table at the bottom of Table H and is multiplied by the correction from the table. The asterisks extending across the table denote the changeover point from low-angle to high-angle fire."
	"Table I is used in the solution of concurrent and subsequent met. There are tables for every 10° latitude starting from 0° north or south latitude to 70° north or south latitude. The extracted value is the correction to deflection in mils, for the rotation of the earth. The asterisks extending across the table denote the changeover point from low-angle to high-angle free." The list of standard conditions is the starting point of items that exist and must be added in to correctly produce a firing solution. This is a clear indication that rotation exists. Flight has been modeled over a spherical earth: <u>https://www.math.hmc.edu/~dyong/math164/2008/zitter/finalreport.pdf</u>
BIRLEY ROWBOTHAM	Samuel Birley Rowbotham (<u>/'roʊbɒtəm/;^[1] 1816 – 23 December 1884</u> , in London) was an English inventor, writer and <u>utopian socialist^[2]</u> who wrote Zetetic Astronomy: Earth Not a Globe under the <u>pseudonym</u> Parallax. His work was originally published as a 16-page pamphlet (1849), and later expanded into a book (1865).

Rowbotham's method, which he called <u>zetetic astronomy</u> , models the <u>Earth</u> as a <u>flat disc</u> centered
at the <u>North Pole</u> and bounded along its perimeter by a wall of ice, with the <u>Sun</u> , <u>Moon</u> , planets,
and stars moving only several thousand miles above the surface of the Earth.
Wilbur Glenn Voliva (March 10, 1870 – October 11, 1942) ^[11] was an American cult leader and Flat Earth theorist who controlled the town of Zion, Illinois, during the early 20th century. Voliva was born on a farm in Indiana on March 10, 1870. In 1889, he entered <u>Union Christian College</u> , <u>Merom</u> Indiana; he graduated five years later and became a minister. In 1898 he was drawn to the teachings of John Alexander Dowie and eventually joined his congregation, becoming an elder of the <u>Christian Catholic Church</u> of Zion, Illinois. In 1901 he emigrated to Australia to become overseer- in-charge of the Australian branch. From 1914, Voliva gained nationwide notoriety by his vigorous advocacy of the <u>flat earth</u> doctrine. He offered a widely publicized \$5,000 challenge for anyone to disprove the flat earth theory. ^[4] The church schools in Zion taught the flat earth doctrine. In 1923 Voliva became the first evangelical preacher in the world to own his own radio station, <u>WCBD</u> , which could be heard as far away as Central America. ^[5] His radio station broadcast his diatribes against round earth astronomy, and the evils of <u>evolution</u> . He was quoted about the sun as follows: The idea of a sun millions of miles in diameter and 91,000,000 miles [146,000,000 km] away is silly. The sun is only 32 miles [51 km] across and not more than 3,000 miles [4,800 km] from the earth. It stands to reason it must be so. God made the sun to light the earth, and therefore must have placed it close to the task it was designed to do. What would you think of a man who built a house in Zion and put the lamp to light it in <u>Kenosha</u> , <u>Wisconsin</u> ? ^[4] He became increasingly focused on destroying the 'trinity of evils': modern <u>astronomy</u> , <u>evolution</u> and <u>higher criticism</u> , insisting on a strict interpretation of 24-hour days for creation and travelling to <u>Dayton</u> , <u>Tennessee</u> to appear as a witness at the <u>Scopes trial</u> , desipite the fact that he was not called. ^[6] Voliva also predicted the end of the world would come in 1923, 1927, 19
Ethelbert William Bullinger <u>AKC</u> (15 December 1837 – 6 June 1913) was an <u>Anglican</u> clergyman, biblical scholar, and <u>ultradispensationalist</u> theologian. Chaired the "Flat Earth Meeting in 1905 at Exeeter Hall, London
Samuel Shenton (30 March 1903 – 2 March 1971) was an English conspiracy theorist and lecturer. In 1956, he founded the International Flat Earth Research Society, based in Dover. He lectured tirelessly on this to youth clubs, political and student groups, and during the <u>Space Race</u> in the 1960s he was frequently seen on television and in newspapers promoting his views. Life[edit] Samuel Shenton was a sign writer, who lived with his wife Lillian in a ginger-brick terrace in suburban Dover. He was the son of an army sergeant major, born in <u>Great Yarmouth</u> , and by the 1920s claimed to have invented an airship that would rise into the atmosphere and remain stationary until the Earth spun westwards at 1,000 km/h (620 mph) to the desired destination at the same latitude. Shenton could not understand why someone had not previously thought of this idea until he discovered, in the reading room of the <u>British Museum</u> at <u>Bloomsbury</u> that <u>Archbishop</u> <u>Stevens</u> , a friend of Lady Blount, the founder of the <u>Universal Zetetic Society</u> , had suggested an aircraft design similar to his own. When he discovered <u>Parallax</u> 's Zetetic Astronomy he was an instant convert. "What the authorities were concealing, was the 'fact' that the earth was flat". ^[1] Shenton soon constructed a cosmology, based partly on his interpretation of <u>Genesis</u> , that Earth was a flat disk centred on the <u>North Pole</u> with the zetetic notion of the <u>South Pole</u> being an impenetrable wall of ice, that marked the edge of the pit that is the Earth in the endless flat plane

flat circles that varied over the 365-day cycles. The Sun was 32 miles (51 km) in diameter 3,000 miles (4,800 km) above the Earth and the Moon also 32 miles in diameter but only 2,550 miles (4,100 km) above the earth.

In 1956 he founded the Flat Earth Society as a direct descendant of the Universal Zetetic Society but with a less religious emphasis, found a president in William Mills, a relative of one of Lady Blount's followers, and held its inaugural meeting in November at Mills' home in London, with Shenton as secretary. One of the attendees, attending out of curiosity, was the <u>Sky at</u> <u>Night</u> astronomer <u>Patrick Moore</u> who recounted his experience in his book Can you speak Venusian?. Shenton claimed that <u>George Bernard Shaw</u> attended one meeting, declaring the presentation was "very persuasive".^[2] Despite his contrary ideas, Shenton was elected a fellow of both the Royal Astronomical and Royal Geographical Societies.^[2]

Despite the launch in October 1957 of <u>Sputnik</u>, the world's first artificial satellite, Shenton proved a popular speaker to small groups, enjoying particularly talking to children, never declining an invitation. He claimed that satellites simply circled over a flat disc-world: "Would sailing round the <u>Isle of Wight</u> prove that it were spherical?", he demanded. As crewed space flight started in 1961, Shenton began to attract international media attention with his denials, telling the <u>Coshocton Tribune</u> on 10 May that the astronauts could never travel into orbit.^[3] When John Glenn orbited the world, he was sent an IFERS membership with the message "Ok Wise Guy" added to it.^[4] Shenton continued to lecture largely at his own expense but he suffered two strokes in 1963. In January 1964 the <u>New York Times</u> carried a piece about the IFERS.^[relevant?] During a parliamentary debate, <u>Enoch Powell</u> likened his opponents to "flat-earthers" and <u>Harold</u> Wilson reportedly slung back the insult in turn. Shenton was outraged and wrote letters of complaint.

The <u>Gemini 4</u> mission marked a change of pace for his campaign and he was to receive letters from across the world for the next few years.^[2] In 1966 he produced a pamphlet, The Plane Truth, which included a circular informing members "that modern astronomy and space flight were insults to God and divine punishment for humankind's arrogance was a mere matter of time". But the <u>Lunar</u> <u>Orbiter program</u> led to a sharp decline in membership. "Visual images, whether they were globes, photographs or television pictures, were clearly critical to how people perceived the earth's shape ... and pre-school children could know that it was round even if they had no grasp of the words 'mathematics', 'geography', 'astronomy' and 'science'".^[5]

In December 1968, during the <u>Apollo 8</u> mission, Shenton admitted, "If they show us a very clear picture of the earth from space and the picture does not show all the continents, and the edge of the picture is out of perspective, then that would prove that the earth is round. Until then, we shall continue fighting to prove the earth is flat."^[6] A month later Shenton asserted deception and conspiracy. Asked about Apollo 8 sending images of a round Earth, he said, "That's where those Americans and Russians are so damned cunning. For some reason or other they obviously want us to think the world is round. Some of the pictures have been blatantly doctored. Studio shots, probably."^[7] Following <u>Apollo 11</u>, he added, "The astronauts are hypnotized into believing they go into space. Even with their training, those chaps wouldn't have the nerve to be fired off on top of an explosive, a rocket, and the lack of observations they bring back is negligible."^[8]

By 1968, his health had deteriorated further and his signwriting business had collapsed although the media attention continued. But he stuck to his principles of 'zetetic enquiry' in which only personally acquired facts were permissible. In January 1969, IFERS had dropped to 100 members worldwide.^[9] But as his organization was dying, he found the successor he had been looking for: <u>Ellis Hillman</u>, a lecturer and member of the <u>Greater London Council</u>, agreed to be president of the IFERS, with the encouragement of <u>Patrick Moore</u>. Lillian Shenton was suspicious of his motives

	(he was developing a post-graduate course on the development of ideas about the shape of the earth) and in the event he did little for the society. Eighteen months later, Shenton had died.
LADY BLOUNT	"A FLAT EARTH." LADY BLOUNT RIDICULES "GIDDY BALL" THEORY. That the earth is flat and that mankind and oceans are held in place by mighty mountains of ice was the ingenious theory propounded by Lady Blount in Exeter Hall, London, on March 7. Lady Blount (writes the London Daily Express) is the wife of Sir Walter de Sodington Blount, head of one of the oldest-families in England. She is also the high priestess of the "Zetezics" -or those who believe in a flat earth. The Rev. E. W Bullinger, D.D., the noted scientist, who has only lately come to be- lieve that he walks on a flat and motionless earth, presided, and Miss Zippora Monteith opened the meeting by singing. "Gravita tion," the "Glory song" of the Zetetics. Here are a few specimen verses: The gravity theory, When started, was clearly A fancy which Newton had "run." Imagine the notion This world, mostly ocean, Once a cinder shot out from the sun! Like solar relation, Inherent rotation Sent the "globe" whiring round till full soon Just picture the view The sparks, how they flew! And a beauty so bright made the moon! The Globite avers It took millions of years . For the earth to develop and cool, sir; But he who will try To give God the lie Shall yet prove himself but a "fool," sir. Lady Blount acknowledges her own re-sponsibility for the words, and she twanged an accompaniment on the mandoline for a selection of Zetetic airs, suitably entitled, "The nebular hypotheses." "Nebular Hypotheses." "Newton was an ignoramus, the solar system a romance, and gravitation a de-lusion," blandly explained Lady Blount. "These ideas are based on the supposition of men, fallible men, mortal men. They are nebular hypotheses. Scientists tell us that because a ship at sea disappears from the eye the earth is a whiring globe, but Zetetics explain that phenomenon by the laws of perspective. Ships have sailed round the word, but only in an easterly and westerly direction. No ship has ever passed the doors and bars of ice at the so- called poles, which God has placed
ROUND EARTH ARGUMENT	Saturday, August 22, 2020 Flat Earth "Science": Wrong, but not Stupid I, as many people in science communication, am fascinated with flat earthers. Here you have a group of people steadfastly rejecting evidence that's right in their face. Today, I want to tell you why I nevertheless think flat earthers are neither stupid nor anti-scientific. Most of them, anyway. More importantly, I also want to explain why you should not be embarrassed if you can't remember how we know that the earth is round.

But first I have to tell you what flat earthers actually believe and how they got there. The most popular flat earth model is that of a disk where the North pole is in the middle and the south pole is an ice wall on the edge of the disk. But not all flat earthers sign up to this. An alternative is the so-called bipolar model where both poles are on the disk, surrounded by water that's held by a rim of something, maybe ice or rocks. And a minority of flat earthers believe that earth is really an infinite plane.

They mostly agree though that gravity does not exist, and that the observations we normally attribute to gravity come instead from the upward acceleration of the flat earth. As a consequence, the apparent gravitational acceleration is the same everywhere on earth. I explained last week that this is in conflict with evidence – we know that the gravitational acceleration is most definitely not the same everywhere on earth.

The idea that gravity is due to upward acceleration also causes other problems. For example, you have to assume that the moon and the sun accelerate along with the flat earth so we don't just run into them. That's an ad-hoc assumption which disfavors the flat earth hypothesis against models where the orbits of the moon and the sun can be calculated from the gravitational law.

But that's not the only problem. You also have to get the moon and the sun to somehow circle around over the disk to explain day and night and the phases of the moon. To get the day-night cycle to be noticeable, you have to shrink the sun and move it closer to the earth.

You also have to somehow get the radiation of the sun to be directional. That's many more ad hoc assumption. But even with those assumptions, the size of the sun will change during the day more than we observe. And no one has ever successfully predicted solar eclipses on a flat earth, or calculated the observed motions of the planets.

The bottom line is: it's not easy to improve on today's scientific standard. It was for good reasons that the hypothesis of a flat earth was abandoned more than two thousand years ago.

Some people suggested to me that flat earthers do not actually believe the earth is flat, they are just mocking people who take scientific evidence on trust. And that, let us to be honest, is something we all do to some extent every now and then. And it is probably the case that some flat earthers are indeed just pretending. But I find it exceedingly implausible they are all just faking it.

To begin with, they would all have to be excellent actors. Just look at some of the videos on YouTube. Also, they're putting quite some time and, in some cases, money behind their conviction. And that's while most of them full well know coming out as flat earther will make others doubt their sanity. All that makes it unlikely they are just in for the fun.

Now, you may want to discard flat earthers as conspiracy theorists, which some fraction of them arguably are. But I think that would be somewhat unfair to most of them. To understand why, it helps to have a look at the history of the flat earth society.

The flat earth society goes back to an Englishman by name Samuel Rowbotham, who lived in the 19th century. He was a medical doctor who believed he had proved that the earth is flat and then complained for the rest of his life that the supposed scientific authorities ignored him. He referred to his methodology as "Zeteticism" after the Greek word zeteo, "to seek".

By "Zeteticism" he meant an extreme version of the philosophy of empiricism. Rowbotham's philosophy, which is still the philosophy of flat earthers today, is that if you want to understand nature, you should only rely on information from your own senses. You can for example read on the website of the flat earth society:

"The world looks flat, the bottoms of clouds are flat, the movement of the Sun; these are all examples of your senses telling you that we do not live on a spherical heliocentric world. This is using what's called an empirical approach, or an approach that relies on information from your senses. "

That flat earthers insist on evidence from your own senses only really is key to understanding their problem; I will come back to this. But first, let me tell you the rest of their history.

After Rowbotham's death in 1884, the flat earth idea was carried forward by another British guy, Samuel Shenton, who once explained to a journalist:

"No man knows the ultimate shape of the earth, but that portion we life on is definitely flat. No one will ever know what the whole complexity is like, I suppose, because it goes beyond his sphere of observation, investigation and comprehension."

Again, note the emphasis on personally collected evidence. In 1954, Shenton created the International Flat Earth Society. Few people cared. He died in 1971.

After his death, the Flat Earth Society was taken over by the US-American Charles Johnson. But even after the advent of the internet, flat earthers did not attract much attention. Johnson died in 2001, at which point the flat Earth society had 3500 or so members. The job then fell to another American, Daniel Shenton, who is not related to the earlier Shenton but whose logic falls right in line. He said in <u>an interview with the Guardian in 2010</u>:

"I don't think there is solid proof. I'm not intentionally being stubborn about it, but I feel our senses tell us these things, and it would take an extraordinarily level of evidence to counteract those. How many people have actually investigated it? Have you?"

Shenton had the idea to set up a wiki page for the flat earth community. Still no one cared. But in 2016, everything changed.

What happened in 2016 is that a few devout flat earthers put up videos, here, on YouTube. And that really got things going, by way of recruiting new believers. These videos have meanwhile been watched by millions of people. And that had consequences: In a 2018 poll in the United States, two percent of the respondents said they believe the earth is flat, while another 5 percent are not quite sure.

Reliable numbers are hard to come by, but we are meanwhile probably talking about more than ten-thousand people in the developed world who reject science that was settled by the middle ages. Let that sink in for a moment.

How does someone end up rejecting something as scientifically well-established as the fact that the earth is round?

There is not only one reason, of course. Some flat earthers find the idea is appealing for religious reasons, others are of the crowd who think NASA is evil, space a fake, and the moon landing didn't happen. But mostly it's because they think they are merely being rational skeptics. They have not

themselves been able to prove the earth is round, so they believe they are only reasonable when they request evidence. CNN for example reports from a flat earth conference: "Like most of the speakers at the event CNN spoke to, he was convinced after he decided he couldn't prove the Earth's roundness." I want to leave aside here that, of course, you cannot strictly speaking prove any empirical fact; you can only prove mathematical identities, so more precisely we should speak of seeking evidence that disfavors the hypothesis that the earth is flat. Of which there is plenty, starting with the historical evidence about how stellar constellations shift if you travel, how the length of shadows changes, to Newton's $1/R^2$ force law that is the law for a sphere, not a disk, not to mention Einstein and gravitational redshift and the perihelion precession of mercury, and so on, and so forth. The problem that flat earthers have is that they cannot do most of these observations themselves. So if you buy the idea that it's only your personally collected evidence that you should accept, then it seems you cannot refute the idea that the earth is round, and so flat earthers philosophy forbids them to accept scientific fact. Needless to say, if you want to hold on to your convictions it helps if you refuse to do observations that could speak against them. There are actually many ways to convince yourself that the earth is round which are not that technically difficult. Buy a telescope and try to explain the motions of the moons of Jupiter, for example. So what's wrong with flat earther's attitude? Isn't it asking for evidence exactly what rational thinkers should do? Sure, evidence is key to scientific progress, but flat earthers' philosophical approach by which they reject certain types of evidence is inconsistent and, ultimately, logically wrong. See, the only evidence anyone ever has of anything is evidence you collect with your own senses. Except, as Descartes pointed out, evidence of your own ability to think, but this is not relevant here. Relevant is that the distinction which flat earthers are trying to draw between different types of evidence does not exist. All evidence you have is sensory input. If you hear an explanation of someone else's experiment, if you read a paper laying out someone else's argument, that's your own sensory input. A distinction which does exist, however, is that some of our sensory input requires very little decoding, while some requires a lot. Flat earthers' problem is that they refuse to decode difficult sensory input. A good example for the need to decode sensory input by conscious thought are optical illusions. Your brain tries to interpret visual input in ways that sometimes gives a misleading result as in this example. You almost certainly think square A is darker than square B. It is not. To understand your sensory input correctly you need to draw on other information, in this case your knowledge about optical illusions. Your brain interprets this image as if it was a natural, 3dimensional scene, and therefore calculates back to the original color of the squares taking into account what appears to be a shadow. This is the wrong interpretation if you want to know the actual color of pixels on the screen. The lesson is, if you do not think about your sensory input, if you do not properly decode it, you arrive at a wrong conclusion.

Flat earthers similarly arrive at the wrong conclusion by failing to decode evidence, indeed by simply ignoring a lot of evidence that their own senses deliver. This is evidence about how society and science works.

Whether we are scientists or not, we all constantly use this evidence to navigate life. And I am sure flat earthers are no exception. Just consider going to the supermarket and buying canned soup. Do you have evidence that what's in the can is edible? Probably not. For one, the can's closed. And if you are anything like me, you probably have no idea how or where or by whom it was produced. Why then are you not afraid of eating canned soup? Isn't this entirely irrational?

No, because you do have evidence that canned soup is edible. You know how the legal system in your country works, you know that there are regulations on what can be sold as food in a supermarket, you know that if what's in that can was harmful to you, then a lot of people along the food chain would be punished for their mistake, and they don't want that. Your trust in canned food is an entirely reasonable inference from evidence, evidence that you collected with your own sense, because what else could you possibly have collected it with?

Now let's come back to flat earthers. Most of you don't have a physics degree and chances are that after learning in school how we know the earth is round you didn't think much about it ever again. By and large you are probably confident it's correct because what you learned in school was plausible, and you know it is widely taught to children, and you know that your government strives to give children in your country a scientifically accurate education. So you have good reason to think the knowledge you were taught is backed by solid scientific evidence.

There is no appealing to authority here. You have totally yourself collected all this evidence about how society works. You have also yourself collected lots of evidence that science works. Any airplane, any laptop, any pair of glasses is evidence that science works. It's evidence that the system works. It's evidence for how the whole world works.

So, if you cannot recall just what experiments demonstrate that the earth is not flat, or if you cannot immediately figure out what's wrong with flat earther's arguments, there's no shame in rejecting their claims, because your rejection is based on evidence, evidence that science works.

What's wrong is that flat earthers' claim they are leading a scientific argument. But there is no scientific argument about whether the earth is flat. This argument was settled long ago. Instead, flat earthers' argument is about whether you should trust evidence that other people have collected before you. And it's an important argument because this trust is essential for society and science to progress. The only alternative we have is that each and every one of us has to start over from scratch with birth. You see, flat earthers would eventually figure out the earth is round. But it might take them a thousand years until they've reinvented modern science.

This is why I think scientists should take flat earthers' philosophical problem seriously. It's a problem that any scientifically advanced society must address. It is not possible for each and every one of us to redo all experiments in the history of science. It therefore becomes increasingly important that scientists provide evidence for how science works, so that people who cannot follow the research itself can instead rely on evidence that the system produces correct and useful descriptions of nature.

	To me, therefore, flat earthers, are a warning sign that scientists should take seriously. The more difficult scientific experiments and arguments are to follow for non-experts, the more care we must take to explain how we lead those arguments.
LAWRENCE	Lawrence Crowell10:46 AM, August 22, 2020
CROWELL	The first concrete evidence for spherical surface to Earth was found by Eratosthenes. At the summer solstice a southern region along the Nile gave no shadow to a pole, while in Alexandria it did. Reasoning the angle of the shadow with the distance to this southern region provided not only evidence of sphericity, but a way to calculate the size of the Earth. This meant not only was the world round, but demonstrating such could be used to calculate something.
	That the popularity of flat Earth began in 2016 is I think evidence of this hypermanic social shift, where this corresponds to the election of the biggest idiot and sociopath to ever head a democracy or republic. I am sure we all know who that is. It is my observation or sense that something in the American mind, and I think this flat Earth flap-doodle is largely in the US, has gone horribly wrong. There was evidence of this prior to 2016, but with that year a lot of things became "legit," from some of the most appalling bigotry to the most absurd conspiracies. Now we have a host of these ideas, from Covid vaccine conspiracies to QAnon.
	The idea of a flat Earth in some sense does come from the senses. The Bible does make mention of what amounts to a Sumerian cosmogony. This has repeated, but infrequent references, where in Ezekiel there is mention of an "iron dome," translated from Hebrew, that covers the Earth. Any idea why the Israelis called an anti-missile system Iron Dome? The creation myth of B'raysheet (aka Genesis) has references to the Sumerian worldview. The God Marduk slays Tiamut, a dragon from the deep (reference to the leviathan in Genesis), and uses the body to create the Earth with a dome that prevents the water from entering. The Story of Noah has God opening windows to let the water in etc. Ok sure enough, if one looks out the view is split in two between the ground and the sky. The two appear equal in extent and the Earth by all appearances is really huge.
	It is of course a denial of science to say claimed evidence that is not confirmed directly by senses can't be relied upon. This reminds me of the Amazonian culture that denies any sort of abstract concept and only admits what is directly experienced. It is a step back.
DANNY FAULKNER	 Was E.W. Bullinger a Flat-Earther? by Dr. Danny R. Faulkner on September 24, 2020 Featured in Danny Faulkner Blog Flat-earthers take a hyper literal approach to the Bible. Whenever critics of the flat- earth movement point out that many things flat-earthers treat very literally in Scripture ought to be taken in some other manner, flat-earthers often respond that E.W. Bullinger, who wrote what many people think was the definitive book on figures of speech in the Bible (Figures of Speech Used in the Bible, 1898), was a flat-earther. So, was Bullinger a flat-earther? Before addressing that question, I ought to explain who Bullinger was. E.W. Bullinger (1837–1913) usually is described as an Anglican theologian. Bullinger was an Anglican priest and held pastoral positions in the Anglican Church from 1861 until 1888. Bullinger sided with low church advocates in the low church/high church debate of the Victorian era, which may explain his departure from active pastoral positions. From age 29 until his death, Bullinger was the clerical secretary of the Trinitarian Bible Society, during which he oversaw several important projects. A prolific writer,

Bullinger was the general editor of The Companion Bible and wrote commentaries on much of the Bible. As a dispensationalist, many of Bullinger's books are popular among dispensationalists today. He also authored a book on Numerology (Number in Scripture, 1894) and the gospel in the stars (Witness of the Stars, 1893) (<u>I have been critical of the latter</u>). Bullinger founded and published the journal Things to Come: A Journal of Biblical Literature, with Special Reference to Prophetic Truth. The Official Organ of Prophetic Conferences between 1894–1915 (the publication ceased shortly after Bullinger's death).

Produced with permission from the C.S. Lewis Company Limited. C.S. Lewis' The Horse and His Boy is coming to the Answers Center at the Ark Encounter, showing on select days January 10–20, 2024.

So, where do flat-earthers get the idea that Bullinger was a flat-earther?

So, where do flat-earthers get the idea that Bullinger was a flat-earther? Perhaps the best source for this claim is a document prepared by <u>Kevin Hobby</u>. Let us go through each point made in this article. It is very important that we look for explicit statements from Bullinger himself affirming that he believed the earth to be flat.

The Case for Bullinger Being a Flat-Earther

The first bit of evidence that Hobby offered is newspaper accounts of a presentation that Lady Elizabeth Blount, founder of the Universal Zetetic Society (and heir apparent of Samuel Rowbotham, who unleashed the flat-earth movement in the 19th century) gave a public address on the earth being flat to an audience in London's Exeter Hall on March 7, 1906. Hobby provided links to six separate newspaper accounts, but they appear to read word for word the same. They include this one excerpt: "The Rev. E. W. Bullinger, D.D., the noted scientist, who has only lately come to believe that he walks on a flat and motionless earth, presided...." Note that the news story incorrectly called Bullinger "the noted scientist." It's not clear if that was an error or if it was meant as sarcasm. More importantly, the article opines that Bullinger had "only lately come to believe that he walks on a flat and motionless earth." What was the basis for that statement? It doesn't seem to be a direct quote from Bullinger but rather is the conclusion of the article's author. Of all people, flat-earthers ought to be aware that news reporters don't accurately report what goes on at flat-earth meetings. If presence at a meeting of flat-earthers constitutes agreement with them, then I must be a flat-earther, because I have attended three Flat Earth International Conferences. Furthermore, if one reads the article, it turns out the Lady Blount had much to say about evolutionary ideas of her day, criticism of which I probably would agree with. From Bullinger's outspoken statements against evolution, it is clear that he agreed with Lady Blount's statements about evolution. Is it possible that Bullinger was present to show support for that part of Lady Blount's message but not necessarily her entire message?

The next bit of proof offered was an editorial comment from one of the newspapers referred to above that mentioned once again that Bullinger chaired the meeting where Lady Blount excoriated Sir Isaac Newton. As such, there is nothing new here. This is followed by links to two newspaper accounts a few years later how Bullinger and Lady Blount were swindled out of a large sum of money in an investment, but that hardly advances the notion that Bullinger was a flat-earther. Apparently, Hobby is convinced that association with Lady Blount implies that Bullinger was in complete agreement with her.

Hobby then turned to an excerpt from Bob Schadenwald's posthumously published eBook, The Plane Truth: A History of the Flat-Earth Movement (2015):

Bullinger's first appearance in flat-earth annals was probably in 1873, when one "E.B." of "the
Vicarage" wrote a flat letter published in the June 1873 Zetetic [ref. 7.8]. In 1877, he subscribed for
six copies of Carpenter's Delusion of the Day, but he was still at pains to conceal his flat-earth
sympathies (he is one of two subscribers whose names are not listed). In the premier issue
of Earth Review, there was the following quote from Bullinger (incorrectly identified as "Rev. W. E.
Bullinger, D.D."): "I AGREE with you in your contention respecting the Earth; for my motto has long
been, 'Let God be true and every man a liar."
Sources?First, let me point out that Schadewald was a Bible skeptic, having served as the President of the
National Center for Science Education. I've seen flat-earthers quote Schadewald that the Bible is
a flat-earth book. This was done in a manner that suggested the flat-earthers didn't realize

Schadewald was a Bible skeptic but rather thought he was a Bible believer. Schadewald hardly is a good source on what the Bible teaches or Bullinger's beliefs. What should one make of the quote attributed to Bullinger by Schadewald? Did Schadewald correctly quote Bullinger, in context? Since the journal mentioned is very obscure, I can't check it. Furthermore, even if the quote is accurate, is it put in proper context? For instance, was Bullinger agreeing with Lady Blount's contention about the earth's shape, or was he agreeing with her contention about the age and origin of the earth? That is not clear at all. Again, this falls far short of a direct, clear statement by Bullinger that he thought the earth was flat.

But Hobby wasn't finished with Schadewald. He provided a link for a fuller portion of Schadewald's text, preceded with this statement: "A larger excerpt can be found at the following link; it mentions E. W. Bullinger eight times as it chronicles his conversion to the flatearth paradigm." Except that the text didn't chronicle Bullinger's conversion to becoming a flatearther.

Next, Hobby quoted from the Wikipedia page on the entry "Flat Earth." But that quote doesn't shed any new light. Much of the material on that page comes from <u>Christine Garwood's excellent 2007</u> <u>book</u>, Flat Earth: The History of an Infamous Idea and to a much lesser extent from Schadewald's work. At any rate, the only mention of Bullinger here is that he was a member of Lady Blount's Universal Zetetic Society. This is followed by a reproduction of p. 159 of Garwood's book, which again only mentions Bullinger as a member.

Next, Hobby reproduced a publication of the Universal Zetetic Society in which Bullinger was listed as a member of the Society's committee (a photograph of a Society leaflet from 1883 showing Bullinger as a committee member is found later in Hobby's article). This was followed by a link to a scan of The Earth: A Monthly Magazine of Sense and Science from a Scriptural Point of View, the publication of the Universal Zetetic Society. This text details how Lady Blount obtained a photograph replicating the Bedford Level Experiment. Hobby included a letter to Lady Blount (and presumably printed in a later issue of The Earth) in which Bullinger wrote, "What a splendid number of The Earth (No.s 47&48). Very valuable. I should like one of the photos. You have performed a work which is of national, not to say world-wide value." Hobby did not provide a link to substantiate this letter. That is interesting because he took the trouble to document so much else in his article, so this omission is glaring. If the quote attributed to Bullinger is genuine, does it signal his belief that the earth is flat? Perhaps. But perhaps not. Notice that he praised the photo and asked for a copy. Even I might write such a thing to a modern-day flat-earther who had made an extraordinary claim, so that I could check out the evidence myself. Again, this is no clear indication from this that Bullinger was a flat-earther.

This is followed by a link and reproduction from the July 1894 issue of The Earth Not a Globe Review, the Zetetic Society's predecessor to The Earth. This portion has discussion of the meaning of Job 26:7. It concludes with this:

Dr. Bullinger sends the following translation: "Stretching out the northern heavens over (al) desolation (tohu); hanging the-earth over (al) not what [i.e. not anything (solid)]." And he adds; "As the heavens are stretched out having nothing (apparently) to support them, so the erets (earth) is hung like them and has nothing solid to support it. That is, air is beneath the one, and water beneath the other."
Equivocal Statements
Apparently, flat-earthers view Bullinger's translation of Job 26:7 as support of the zetetic model, but I don't see that. For instance, Bullinger states here that Job 26:7 indicates the heavens aren't supported by anything, but in the zetetic model the heavenly dome does rest on the earth beyond the ice wall of Antarctica. There isn't much in Bullinger's translation that I would quibble with. Again, there is no explicit statement from Bullinger that he believed the earth is flat. Next, Hobby stated:
Pages 20–21 of the following facsimile quote Bullinger as stating that he agrees with the the [sic]

Pages 20–21 of the following facsimile quote Bullinger as stating that he agrees with the the [sic] flat-earth model outlined by the Zetetics. He is also stated to be a supporter of "true cosmogony" (i.e., flat-earth cosmogony) and an acquaintance of flat-earther David Wardlaw Scott in Scott's book.

The facsimile is a scan from The Sea-Earth Globe (with a subtitle far too long to include here). This booklet was published in 1918 (five years after Bullinger's death) under the pseudonym Zetetes. This is the same pseudonym of the editor of The Earth Not a Globe Review, though it is not clear if the two Zetetes were one in the same person. Under the heading of "Honest Confessions of Eminent Men" was this:

I agree with your contention respecting the earth; for my motto has long been, Let God be true and every man a liar. – Dr. W. E. Bullinger to "Zetetes"

This is identical to what Schadewald quoted, so it must be from the same source. According to Schadewald, that source was the first issue of Earth Review. Assuming that this was The Earth Not a Globe Review, of which Zetetes was the editor, this would be from 1893, published 25 years earlier. I previously discussed the possible context of that quote.

What about Hobby's statement that Bullinger was "also stated to be a supporter of 'true cosmogony' (i.e., flat-earth cosmogony)?" Hobby offered no documentation for that, so he failed to deliver on his claim. I ought to add that Hobby here has confused cosmology and cosmogony. Cosmology is the study of the structure of the universe; cosmogony is the study of the origin and history of the universe. Bullinger believed in six-day recent <u>creation</u> as outlined in Genesis 1, as do I. Since this is what many flat-earthers believe, both Bullinger and I are in much agreement with flat-earthers when it comes to cosmogony. However, I am in complete disagreement with flat-earthers' cosmology, as I suspect Bullinger was too.

What about Bullinger's acquaintance with David Wardlaw Scott? Hobby reproduced a portion of p. 196 of Scott's 1901 book, Terra Firma: The Earth Not a Planet Proved from Scripture, Reason, and Fact where Scott said that he was "happy to have some personal acquaintance" with Bullinger. But what does that prove? That Scott and Bullinger knew one another. I've made many friends with flat-earthers, largely through my meeting them face to face, but that hardly constitutes evidence that I am a flat-earther.

Next, Hobby included the entry for Bullinger in Tom McIver's 1988 book Anti-Evolution: An Annotated Bibliography. Most of Bullinger's entry concentrated on his book about the <u>gospel</u> in the stars. The only other details mentioned were that Bullinger was an Anglican clergyman, a descendent of the reformer J. H. Bullinger, and that Bullinger served on the committee of the Universal Zetetic Society. This provided no new information.

Next, Hobby offered this quote from Bullinger:

How any reasoning man who believes the elementary theories of evolution, of ASTRONOMY, and geology, can accept the doctrine of the atonement is a marvel. – Dr. E. W. Bullinger, D.D. From Things to Come, Feb., 1904 The source of this quote is from one of the last issues of The Earth (1904). At last, this quote seems to offer evidence that indeed Bullinger may have been a flat-earther. To check this, I secured a copy of this issue of Things to Come (volume 10, issue 8). The name of the article is "Christian Evolution," in which Bullinger expresses his dismay that so many Christians were rapidly accepting evolutionary ideas. However, the above quote is not from the pen of Bullinger. Rather, Bullinger quoted Robert Blatchford in an editorial in The Clarion, a socialist newspaper that Blatchford founded and published between 1891 and 1934. Here is Blatchford's comments that Bullinger quoted in their entirety: The Bible declares that God created the heavens and the earth, and that He created them in six days. It declares that He made the sun and the moon after He had made the earth, and that He made them purposely to serve as lights by day and night. But he who heartily accepts the theory of evolution believes all this to be untrue. The Bible declares that God created man in the likeness of His own image. But he who 'heartily accepts' the theory of evolution believes that is not true. What kind of a 'religious belief' can that be which is helped by the theory of evolution? Surely the very essence of the Christian faith is the doctrine of the atonement. Owing to 'the Fall' mankind came under the curse. God sent His Son on earth to die for man. Only by believing on Him can man be saved. Now, if the theory of evolution is true, the doctrine of the atonement is not true. We can understand how a man may believe one or the other. We cannot understand how a man can believe both. First, as to 'the Fall.' If there was no Fall, there was no reason for an atonement. How can we square 'the Fall' with evolution? When did man fall? Was it before he ceased to be a monkey, or after? Was it when he was a tree-man, or later? Was it in the Stone Age, or the Bronze Age, or the Age of Iron? There never was any 'Fall,' never could be any 'Fall,' according to the Evolutionists. Evolution assumes a long, slow rise. Now, if there never was a Fall, why should there be any atonement? Christians accepting heartily the theory, of evolution, have to believe that God allowed the sun to form out of the nebula, and the earth to form from the sun. That He allowed man to develop slowly from the speck of protoplasm in the sea. That at some period of man's gradual evolution from the brute, man sinned and fell, and came under the curse. That some thousands of years later God sent His only Son down upon the earth to save man from Hell. Is there any sense in such a belief? Evolution teaches that man, even now, is an imperfect creature, an unfinished work, a building still undergoing alterations, an animal still evolving. But the doctrines of 'the Fall' and atonement assume that he is a finished creature, and responsible to God for his actions. No. It is impossible to hold the theory of evolution, and the doctrine of the atonement. And if Christ were no more than a good man, as Buddha, and Socrates were good men, then the whole fabric of the Christian religion falls to pieces. How any reasoning man who believes the elementary theories of evolution, of astronomy, and geology, can accept the doctrine of the atonement is a marvel. No. If the theory of evolution be true, there was nothing to atone for, and nobody to atone. Man has never sinned against God. In fact, the whole fabric of the Christian faith is a mass of error. There

was no creation. There was no fall. There was no atonement. There was no Adam, and no Eve, and no devil, and no hell.
Misunderstanding
I put the sentence in question in boldface. Note that these are not the words of Bullinger, as
alleged by Hobby and flat-earthers from more than a century ago that Hobby relied upon. Rather,
they are the words of socialist (and probably atheist) Robert Blatchford. Indeed, Bullinger
immediately followed this quote of Blatchford with:
These are Mr. Blatchford's arguments, but he uses them for a totally different purpose. He,
assuming so-called science and evolution to be the truth, wishes to show that it is impossible to
accept Divine revelation as the truth. We, on the other hand, use his own arguments to show that
no one who holds the theory of evolution can be a believer in revelation, and is not worthy of the
name of "Christian."
That is, Bullinger agreed with Blatchford's concluding statements but reached the opposite conclusion: that evolution is false, and the doctrine of the atonement is true. Notice the context of
the sentence falsely attributed to Bullinger. It is discussing evolution. Why are astronomy and
geology specifically mentioned and not biology? It is probably because, in the minds of many people then (as well as today), evolution has to do with only biology when evolutionary thinking
permeates astronomy and geology as well. That is, if Bullinger had made this statement, he
wouldn't have been condemning the whole of astronomy and geology but the evolutionary ideas
of astronomy and geology.
Bullinger may have seen in Lady Blount and her companions steadfast opposition to evolution and
hence may have viewed them as allies in combatting the inroads that evolution had made among
many Christians
This is a key point, and it may explain why Bullinger had a relationship with Lady Blount and other
flat-earthers. Bullinger wrote in this issue of Things to Come and elsewhere about the evils
of evolution and his alarm that many Christians in his day were so accepting of evolution without
realizing how evolution clearly contradicts biblical doctrines. Bullinger may have seen in Lady
Blount and her companions steadfast opposition to evolution and hence may have viewed them
as allies in combatting the inroads that evolution had made among many Christians. Bullinger
may have thought this was a useful strategy, but with the benefit of hindsight, I think it was foolish.
Hobby concluded with Bullinger's definition of "science" from his Critical Lexicon and
Concordance to the English and Greek New Testament (1895) and a quote from his Number in
Scripture (1894). In his lexicon, Bullinger correctly defined science (gnosis) as "knowledge," which
indeed is the meaning of the word in <u>1 Timothy 6:20</u> , the one place that the word appears in the
Bible. Unfortunately, Bullinger immediately launched into science as it had become to be
understood even in his time as the study of the natural world. Bullinger wrote, "Hence what man
calls gnosis is falsely so called, because it is mostly hypothesis, conjecture, (e.g. astronomy and
geology)." This echoes the wording of 1 Timothy 6:20 , but it is a misapplication, for in context the
"science falsely so called" clearly refers to false doctrines. This likely was about Gnosticism with
its promise of special knowledge, which quickly infiltrated the early church (<u>Colossians 2:8</u>). This is
ironic because I have previously pointed out that the flat-earth movement is a form of Gnosticism.
Why did Bullinger single out astronomy and geology here as examples of false sciences based
upon hypothesis and conjecture? Flat-earthers probably would argue it was because that is all
astronomy and geology are. However, as I pointed out earlier, Bullinger likely had in mind the
evolutionary conjectures often found in astronomy and geology in his day (and as today). The
quote from Bullinger's book on numerology (published just one year prior to his lexicon) similarly
criticized much of science as hypothesis, conjecture, and supposition (Hobby references p. 104,
but the quotation appears on p. 45). However, there Bullinger singled out geology and medicine
at the question appears on primerorol, there buttings on bread out goodegy and modeline

(not astronomy) as examples. Bullinger stated that if one reads a book on either subject from fifty years earlier, one will find that they are quite "out of date." Indeed, that is true of any science. It is noteworthy that on p. 11 of his book on numerology, Bullinger praised chemistry as "...worthy of the name Science. Here are not theories and hypotheses, which deprive other so-called sciences of all title to the name." Bullinger went on to describe chemistry as it was then (1894) understood, with the periodic law as deduced by John Newlands and Dmitri Mendeleev. The periodic table of the elements as we now know it didn't yet exist. The electron, which is the foundation of understanding chemistry, wasn't discovered until three years later, and the Bohr model, which was the first form of our modern understanding of the atom, wasn't proposed until 1913, the year of Bullinger's death. Bullinger's discussion of chemistry is far out of date. So much for Bullinger's praise of chemistry as a science worthy of the name to the detriment of geology and astronomy. Conclusion

Bullinger offered no clear statements that indicate he believed the earth is flat. The argument that he was a flat-earther relies solely upon Bullinger's association with flat-earthers, such as Lady Blount and her Universal Zetetic Society. Did Bullinger believe the earth is flat? It's impossible to say. Bullinger's participation in the Universal Zetetic Society could be interpreted that way. But with no explicit statement about the earth's shape, one ought not to necessarily take Bullinger's participation in that Society as assent with the primary purpose of the Society. With that standard, one could interpret a person's attendance at a Flat Earth International Convention (FEIC) as that person believing the earth is flat. But my attendance at three such conventions does not constitute evidence that I am a flat-earther. Nor was I the only non-flat-earther at these meetings. Unlike me, some of the non-flat-earthers at the FEICs have not publicly revealed that they believe the earth is a globe, so one could reach a wrong conclusion about an attendee's belief. Bullinger was a prolific writer on many different biblical subjects. One must ask if Bullinger was a flat-earther, then why he never directly said so. Flat-earthers might argue that this is an argument from silence, but isn't their argument that Bullinger was a flat-earther a sort of argument from silence too (i.e., he participated in the Universal Zetetic Society but never wrote that he believed the earth is a globe, so therefore he must have been a flat-earther). But the usual flat-earther response to this question is that Bullinger feared ridicule if he were to have explicitly expressed belief that the earth is flat. That is a common flat-earther claim – there are many people, such as pastors, pilots, engineers, and even scientists, who believe the earth is flat but are afraid to admit it. But this makes no sense on two fronts. First, Bullinger wasn't the least bit shy in writing at length about subjects that could get him into trouble. For instance, I consider his books on the gospel in the stars and numerology to be rubbish. And many dispensationalists consider some of Bullinger's dispensational ideas to be extreme and even whacky. Second, if Bullinger were concerned about his image, then why did he lend his name to the Universal Zetetic Society, allowing his name to be included in its committee (whatever that meant) and presiding over a very public meeting where Lady Blount laid out her ideas for the world to see (with much press coverage)? That makes no sense if Bullinger feared being associated with flat-earth beliefs. If Bullinger did not believe the earth is flat, then why did he participate in the early flatearth movement? As I have surmised, it may have been that he was attracted to the Universal Zetetic Society's strong opposition to evolutionary ideas. Bullinger staunchly opposed evolution in all forms and believed in six-day recent creation. Even other dispensationalists of his time did not share Bullinger's opposition to evolution and millions of years. For instance, the notes on the first few verses of Genesis 1 in C. I. Scofield's reference Bible endorse the gap theory, the day-age theory, and even theistic evolution. Many flat-earthers today sort of practice this courtesy in reverse - they respect Answers in Genesis and other creation ministries for their stand against evolutionary ideas and millions of years and consider them allies in that battle. Or it may be that

Bullinger simply was curious about the flat-earth movement, much as I am, but for his own reasons never criticized the movement. But what if Bullinger was a flat-earther? What would that prove? All it would prove is that Bullinger was wrong about something. OK, he was wrong about plenty of other things too. But that is because Bullinger was human, and being wrong about things is a trait common to all humanity. Flat-earthers appear to be claiming that Bullinger was a flat-earther, so if a person likes Bullinger's work, then that person ought to agree with Bullinger that the earth is flat. That amounts to an argument by appeal to authority, something that flat-earthers frequently accuse others of doing. ZETETIC **Being Flat Wrong** ASTRONOMY FIG. 59. 1881 SAMUEL NOUNDAY SUN ROWBOTHAM SUNÓRISE SUNOSET This edition of Zetetic Astronomy: Earth Not a Globe! was published in 1881 by Samuel Rowbotham (a.k.a. Parallax), an English writer/inventor and the father of the modern flat earth movement. Rowbotham's observations on a six-mile straight-line stretch of the Bedford River led him to believe the Earth was actually flat, and he spent the rest of his life investigating and arguing that case. A quick wit and a consummate debater, Rowbotham's debating skills won many converts to his theories. His first edition of this work was published in 1849 and was only 16 pages; this third and final edition clocks in at 430 pages FIG. 61. In fig. 61, the circle A, A, A, represents the sun's daily In this diagram, Rowbotham attempts to describe the movement of the sun in terms of his flat earth theory. Following his 1884 death, the Universal Zetetic Society and the Christian Catholic Apostolic Church kept up his cause before slowly fading, though in 1956 the basic ideas saw a rebirth in the form of the Flat Earth Society.

	The term zetetic is Greek, meaning to proceed by inquiry, and Rowbotham spent his life in that inquiry. His initial failure to detect that Bedford River curvature has been attributed to the superior mirage, a phenomena wherein light passing through different temperature air can refract, allowing people to view things which are actually below the horizon. This phenomenon is also held as partially responsible for a belief that the Northwest Passage existed, when these mirages caused mountain ranges and coasts to appear hundreds of miles from their true locations.
THE BIBLE VERSES SCIENCE	Against the background of declining confidence in the elites—be they political, religious or scientific—the flat earth theory has lately been revived and promoted by a wave of fake news and misinformation that circulates on social media. Unfortunately, it has been noted that many Christians have become swept up in this trend, using shaky theology to argue their points. For Christians who claim that the Earth is flat, a single Bible verse is considered superior to any number of scientific arguments. In response to the concerning trend we see here, this article will focus on some of the Bible verses most frequently referenced by Christians investigating this topic. Two such men are Dr Danny Faulkner, a creationist who specializes in mathematics and physics and has a PhD in astronomy, and Dr Randal Younker, professor of Archaeology and History of Antiquity at Andrews University, USA.
	There are three verses in the Bible that are often quoted by Christian proponents of the flat earth theory. The first, Revelation 7:1, states: "And after these things I saw four angels standing on the four corners of the earth, holding the four winds of the earth, that the wind should not blow on the earth, nor on the sea, nor on any tree". The repetition of the number four creates an obvious connection between the four angels, the four corners of the earth and the four cardinal points from which the winds are about to blow: North, South, East, and West. As Faulkner points out, not even a hyper-literal interpretation of the earth" is an expression which is widely used in different languages, but always with the same meaning: to indicate the farthest points on earth or a great distance, not literal corners.
	This is also the context in which the expression appears in the second verse that is often cited, Revelation 20:8 which states that the devil will "will go out to deceive the nations in the four corners of the earth—Gog and Magog—and to gather them for battle. In number they are like the sand on the seashore". The fact that the same sentence also mentions the number of people in the four corners as being as numerous as "the sand on the seashore" supports a non-literal understanding of the text. The alternative is to believe that the text speaks of four literal corners containing a number of people mathematically equal to the sum of the grains of sand on all the shores of the world.
	The final time this expression is used is in Isaiah 11:12, which speaks of God bringing the Israelites together, stating "He will raise a banner for the nations and gather the exiles of Israel; he will assemble the scattered people of Judah from the four quarters of the earth". In many other cases in which the expression appears in the Bible, there is talk not of a place but of the people who live in faraway lands, thus strengthening the non-literal understanding of the expression. Once the idiomatic use of the expression in a passage is acknowledged, it is hard to claim that in other similar situations it is used differently.

In some translations of the Bible, mentions of the four corners of the earth appear almost 30 times and, if understood literally, would not only suggest that the earth is flat but also that it is square. There is no cosmology in which the earth is square. Not even followers of the flat earth theory claim such a thing. This once again highlights the non-literal interpretation of the phrase.



The flat surface of the Earth

How can you tell if the earth is flat or round? According to some flat-earthers, if you climb to the highest central point and you can see everything to the end of the earth, then it is flat. This idea of "the ends of the earth" is mentioned in the Bible, which says in Daniel 4:10-11: "These are the visions I saw while lying in bed: I looked, and there before me stood a tree in the middle of the land. Its height was enormous. The tree grew large and strong and its top touched the sky; it was visible to the ends of the earth." On a round earth it would not be possible for such a tree to be visible from everywhere on earth. Does this Bible verse then say that the earth is flat? In reality, the text does not refer to a physical reality; rather it is the description of a dream of king Nebuchadnezzar. As we know, dreams do not abide by the laws of physics. The Bible is actually very clear about this passage. The dream, as interpreted by Daniel, refers to something completely different to a physical tree on earth. The tree in the dream is actually Nebuchadnezzar himself.

Another Bible passage which is interpreted in a similar way is the one in Matthew 4, in which Jesus, tempted by the Devil in the desert, is at some point brought to "a very high mountain" where the Devil showed Him "all the kingdoms of the world". The same logic we applied to the tall tree also applies here; if the whole Earth could be seen from the top of a mountain we would conclude that the Earth is flat. However, if there was a literal mountain from which the entire Earth could be seen in Jesus time, where is this mountain now and why can't anybody see it? There is no evidence in Palestine's geography for the existence of a mountain higher than any other mountain in the world. We must recognise that the situation recounted in the Gospels includes supernatural elements, something Luke also alludes to when he says that the Devil showed Jesus all the kingdoms of the world "in an instant". The firmament

In the cosmology of the flat Earth, the disk-shaped planet is covered by a dome whose edges stop just beyond the 45-meter-high ice wall of Antarctica, which surrounds the Earth. The stars are fixed on this dome, while the sun and moon, which are only about 50 kilometres in diameter, revolve about 5,000 kilometres above the Earth.

The idea of this dome is born at the intersection of three arguments, Professor Younker explains: 1. raqia, the Hebrew word used for "sky" in Genesis 1 would somehow imply the need for a solid, metal-like material; 2. subsequent translations of the biblical term in the Greek (stereoma) and Latin (firmamentum) versions keep the idea of a solid material; 3. ancient Jews would have supported this cosmology like their Mesopotamian neighbours. Let's look at the three arguments starting from the second one. Most likely, raqia was translated into Greek and from there into Latin so as to preserve the meaning of a solid object because this meaning suited the cosmology of the Greeks, the scientists of the time. We must not ignore who made these translations. The first versions of the Septuagint (the Old Testament in Greek) were ordered by Ptolemaeus II Philadelphus, the son of the founder of the Ptolemaic Kingdom of Egypt, for the famous library in Alexandria.

Starting in the 6th century BC the Greeks based their distances on the models of the disk-shaped planet and were evolving to the sphere model (not half spheres or domes). Therefore, the idea that the Earth was contained in one or more solid spheres was common in the academic environment in Alexandria when the Septuagint was translated "and is undoubtedly the main factor (rather than etymology) in translators choosing the word stereoma to translate raqia," professor Younker says.

Regarding the first argument, it must be mentioned that in Hebrew, the verb raqa, which is a derivative of the noun raqia, points to the actions of making something thin by stretching it and has no intrinsic meaning which would make someone think about a form or a material (for instance, metal). Raqa is used as a verb for objects like tent cloths and other fabrics for which the idea of stretching actually makes sense. Dr. Faulkner explains that this is why modern theologians have concluded that raqia must be translated "sky"—a vast expanse of space that includes not only the Sun and the Moon, but also the Earth's atmosphere in which birds fly—since Genesis 1:14 and 1:20 both use the same word, raqia, to refer to the two different situations. You can get a digital subscription to Signs of the Times

at https://signsofthetimes.org.au/subscribe/.

The third argument, according to which ancient Jews would have had the same cosmology as their Mesopotamian neighbours, namely, that the Earth is flat and covered by a solid dome, is twice wrong. First of all this argument is wrong because Mesopotamians, although they supported the flat Earth theory, never talked about a dome. This incorrect idea was introduced in 1850 by Hormuzd Rasam and used by other historians who, at that time, were trying to sketch the landscape of ancient cosmologies. According to them, during their Babylonian exile Jews would have assimilated these ideas into their cosmology. However, in 1975—when specialist in Assyriology, W.G. Lambert tried to establish the origin of the idea that the Babylonians believed that the Earth was covered by a dome—Lambert did not find any historical proof until the works of Assyriology specialists in the second half of the 19th century, the first ones to translate the Babylonian word for sky as "celestial vault". On the contrary, the Babylonians saw the cosmos as a series of objects, flat layers piled up one on top of the other and held together by ropes, with no mention of a tri-dimensional dome. "The reality is that there is no term to describe a celestial vault in ancient Mesopotamia," Younker says.

The second error is to assume, without valid historical arguments, that we know what kind of cosmology ancient Jews used. The oldest Jewish writings on this topic date from the medieval period and reflect the cosmology of that time, namely geocentrism, Faulkner says. Therefore, at the time the Greek translation of the Old Testament (Septuagint) was written we can, at most, only assume what the Hellenized Jews in the diaspora believed. Since many of them lived in Alexandria, Egypt, one of the educational and cultural centres of the Greek world, they most likely assimilated the translation raqia with stereoma—not, however, the meaning only introduced in the 1850s, of stereoma as a dome, but the meaning understood by the Greeks of that time: a spherical Earth contained in solid spheres.



The Flammarion engraving. Image Credit: Unknown + Heikenwaelder Hugo, CC BY-SA 2.5 <https://creativecommons.org/licenses/by-sa/2.5>, via Wikimedia Commons The Bible on the flat Earth theory: a history

Perhaps the final argument from the flat Earth camp is that up until 500 years ago the church supported the model of a flat Earth, as many still do today. Again, this is wrong.

As we will see shortly, the church never claimed that the Earth is flat, but supported the theory of geocentrism—which says that the Earth stands still and the Sun, Moon and stars revolve around it—placing humans at the centre of creation. This generated the conflict between heliocentrist Galilelo Galilei and the church. So where did this long-standing false idea of a conflict between Christianity and science on this point come from? It comes from an attempt to discredit the Bible at the end of the 19th century, Faulkner says.

If you are familiar with the Flammarion engraving, a very well-known illustration of the flat Earth covered by a dome, you might believe it originates in the medieval period but it actually dates from the 1880s. Such illustrations—of a religious or scientific origin—are almost non-existent in the medieval period, because during the Middle Ages almost nobody believed in the flat Earth theory, not even the church leaders. Therefore, if the proponents of the flat Earth theory are geocentrists, it is important to know that from a historical point of view the converse is not true. A possible explanation for the geocentric model remaining as the preferred model for such a long time-although the Greeks developed, almost in parallel, geocentric and heliocentric cosmological models—is that the technology of the time was not advanced enough to provide evidence in favour of the heliocentric model. For observers in that time, the Sun and planets seemed to revolve around a stationary Earth. Without an external reference point, any observer might draw a similar conclusion even today—for instance, a passenger in a moving train carriage might believe that the train on the next line is the one that actually started moving. The idea that the heliocentric theory had supporters everywhere, except in the church, is completely false. Copernicus dedicated his famous work on heliocentrism to Pope Paul the second. Just as false is the assumption that the church rejected heliocentrism based only on biblical arguments. The church (both Catholics and Protestants) rejected the theory of heliocentrism because it was contrary to the science of the time and did not offer comprehensive and satisfactory answers. The geocentric model had dominated the world for more than 1500 years and made sense, according to what could be observed prior to the invention of the telescope. As the Greeks before them, neither Copernicus nor Galileo Galilei managed to solve the severe flaws in the heliocentric model, due to the lack of a more advanced technology. While problems still existed on an empirical level, however, their calculation models for determining the position of the planets were advanced. Unfortunately, the limitations of direct observation at the time prevented these beliefs from becoming scientific consensus. Therefore, 60 years after Copernicus had published his theory, only ten other authors with supportive works had emerged. It would have been a big leap of faith for the church to give up geocentrism when not even the scientific world had reached a positive consensus. Let us remember that it was a period in which

	individual interpretations of Scripture was a delicate subject for the Catholic Church, which had just gone through the Protestant Reformation. This is why, when it hit the theological arena, the debate of Galileo's ideas ended the way it did. Meanwhile, technology proved Galilelo right, and geocentric systems have been, for the most part, forgotten. Only much later did the Catholic Church admit its guilt in one of the more infamous incidents in its history. Conclusion There are a number things that we can learn from this history, Faulkner says. The Bible does not promote a specific cosmology. It is people who put together different passages to make up a cosmology. The fact that it does not promote a specific cosmology may even be a good thing. If
	the Scriptures supported a specific cosmology, ancient or modern, those who believed otherwise would have had reason to renounce the Bible. Some do this today because they learn from unreliable sources that the Bible teaches the flat Earth theory. However, as discussed above, this is not what the Bible teaches but what people have read into it. Some do it knowingly, others not, and others, instead of using an exegetical approach (that is, critically examining the Bible to understand the context and meaning of the verses), use an eisegetical approach; that is, they introduce new meanings from external sources into Scripture. At the same time, a reader of the Bible must not stop at exegesis, but must always seek to understand what the message of the text is for the contemporary reader, and this implies understanding the right principles of interpretation for the text that is being analysed.
	At the end of this brief review of the main arguments that the Bible supports the flat Earth theory, we can draw a sufficiently clear conclusion: the Bile does not promote a specific cosmological model—the flat or round Earth, geocentrism or heliocentrism—and the conflict on cosmological models between science and religion, although having a rich history, is still an artificial one.
FALLING FOR A FLAT EARTH	Falling for a Flat Earth by Dr. Danny R. Faulkner A resurgent flat-earth movement claims we need to get back to what the Bible says—but what does God's Word really say about the earth's shape? Everyone thought the earth was flat until Christopher Columbus set people straight. "We know better now." You've probably heard this before, perhaps even from a teacher. It may come as a shock then to hear that, at least in the West, most people knew the earth is spherical over 2,000 years ago. Coming in January 2024 Produced with permission from the C.S. Lewis Company Limited. The Logos Theatre's production of C. S. Lewis' The Horse and His Boy is coming to the Ark Encounter!
	More shockingly, the view that everyone once believed in a flat earth is itself a myth, invented in the 1880s to discredit the Middle Ages, Christianity, and the <u>Bible</u> . That's why it's especially distressing to see a new movement gaining traction in <u>Christian</u> circles, asserting that the image of earth as a globe is a modern falsehood and we need to get back to what the Bible teaches. Looking closer at the issue can teach us some valuable lessons. Not only will we better appreciate the wonder of <u>God</u> 's round earth and realize that even ancient humans could correctly understand many of its traits without the benefits of "modern science," we can also better understand Bible references that might puzzle us at first. This topic also serves as an object lesson about the dangers of reading into the Bible our own man-made interpretations and then spreading falsehoods that undermine our testimony and bring the Bible into disrepute. Obvious to the Ancients

A little background. Just one example of someone who thought that the earth is a globe was the Greek mathematician Pythagoras (sixth century BC), though we don't have a record of his reasons. Another example is Aristotle, who lived in the fourth century BC and gave several sound reasons, based on observation, why the earth must be a sphere. Ditto for Ptolemy, who wrote in the early second century AD. Between them, another famous Greek, Eratosthenes, accurately measured the earth's circumference around 200 BC.

All these sources were known and often referenced in antiquity and throughout the Middle Ages, at least in the West and in the Middle East.

None other than Washington Irving, the famous American author of "Rip Van Winkle," invented the flat-earth myth in his popular biography of Columbus (1828), where he felt it necessary to embellish the facts to make the story more interesting. Along the way, he took a jab at the church and the supposed errors in the Bible. Others took up his story with gusto to bolster their own attacks on Christianity's supposed war against science, such as John Draper's History of the Conflict Between Religion and Science (1874).

Sadly, some Christians in the 1800s chose to adopt the flat-earth myth and push it as truth. The primary instigator in the flat-earth movement was Samuel Rowbotham (1816–1884).

What convinced Rowbotham that the earth was flat? Rowbotham watched a small boat depart along the Bedford Level, a six-mile straight strip of water in England. He could see the boat the entire six miles, though he calculated that if the earth were a globe, the boat ought to have completely disappeared over the earth's curvature.

Rowbotham then combined this argument with his own hyper-literal interpretations of certain biblical passages. He lectured and even wrote a book promoting his ideas. His work sparked so much interest that by the time of his death in 1884, he had quite a following with flatearth organizations around the globe.

Other authors wrote their own books in defense of a flat earth, and the movement reached a peak in the late 1800s before it waned. By the late 1900s, few people believed that the earth was flat, and flat earth became a byword for scientific ignorance.

All this has changed in the last decade. Around 2012, videos promoting the notion that the earth is flat began appearing on the internet. The revival of the flat-earth movement seems to have been rekindled by Eric Dubay, a somewhat mysterious American yoga instructor living in Thailand. Apparently, Dubay encountered the century-old writings of Rowbotham and others, reintroducing their ideas to a new generation. While Dubay is not a Christian, some Christians, apparently impressed with the supposed biblical arguments for the flat earth, took up the mantle. YouTube and social media proved to be ideal media for promulgating this belief.

How Can Anyone Believe That?

What is the flat-earth model? In the flat-earth model, the earth is a flat disk, with the North Pole at its center. The earth is bounded by an ice wall that we call Antarctica. The ice wall keeps the oceans' water contained on earth.

Somewhere beyond the ice wall, a dome rests over the earth. This dome contains the stars. The dome turns each day, producing the motion of stars that we see each night.

The sun and moon orbit under the dome, circling the axis of the North Pole. This produces the daily motion of the sun and moon. The sun and moon don't actually rise and set; they merely appear to do so. We only experience darkness because the sun has moved so far away that its spotlight doesn't shine on our location.

This all may sound like some sort of joke, but the proponents of a flat earth are very serious. And this belief is making inroads into the church.

This all may sound like some sort of joke, but the proponents of a flat earth are very serious. And this belief is making inroads into the <u>church</u>. Chances are, you know somebody who has bought

into this, though you may not be aware of it. The flat-earth movement threatens to marginalize the church and ultimately undermine the reliability of Scripture.

How do we know that the earth is really a globe? Don't try appealing to photographs from space showing a spherical earth. If the earth is a disk with an impenetrable dome over top, obviously no satellites or space stations can be orbiting the earth. Nor could astronauts have landed on the moon. So flat-earthers believe that NASA has lied about nearly everything it claims, and those photos are faked.



Many people in the flat-earth movement have adopted a map of the earth like this one (technically known as an azimuthal equidistant projection). The North Pole is positioned at the center, and the map lacks a south pole.

Evidence Right Before Our Eyes

How can we show that the earth is a globe without pointing to photos? After all, belief that the earth is spherical goes back much earlier than satellites and NASA.

One of the best arguments, used by both Aristotle and Ptolemy, is something people can see for themselves. Consider what the earth's shadow looks like during a lunar eclipse. It is always circular! A flat object would cast a circular shadow only with a certain orientation, such as occurs when the sun is directly behind the earth at midnight. But what about all the other circumstances? A disk would cast many different strange shapes, especially obvious at sunrise or sunset. Only a sphere will cast a circular shadow regardless of orientation.

How do flat-earthers respond to this argument? They deny that lunar eclipses are caused by the earth's shadow. Then what causes lunar eclipses? I've asked them this question many times, but they can't quite decide what it is (or even seem to care).

What Does the Bible Have to Do with It?

Does the Bible teach anything about a flat earth? Flat-earthers think so. They are pretty emphatic that many biblical passages support their model. In fact, they often say the Bible's authority is at stake and we need to reject man's lies. Would you be able to answer them?

The number of verses they cite is extensive, more than 200 by some counts. There's just one problem. Almost nobody else in church history held this view. If the flat-earth meaning is so obvious, why did nearly every Christian in the past miss that meaning? Let's examine a few of these passages.

"Four Corners"

<u>Revelation 7:1</u> and <u>20:7–8</u> mention that the earth has four corners. So it's obviously not a sphere because a sphere doesn't have corners, right?

Most people recognize that the earth's four corners is an idiomatic expression referring to the remotest parts of the earth. That's how believers have always understood the words, and it is the
correct understanding.
If the flat-earth interpretation were correct, it wouldn't help them anyway. A square earth might
have four corners, but in the flat-earth model the earth is round! How can a round earth have four corners?
"Ends of the Earth"
What about the phrase "ends of the earth," which appears 28 times in the Bible? Surely, flat-
earthers reason, a globe earth has no ends, but a flat earth does.
Here again, words have more than literal, spatial meanings. In several instances, the phrase "ends
of the earth" refers not to geography, but to people scattered across the earth (<u>Psalm</u>
<u>67:7, 98:3; Isaiah 45:22</u>). Clearly, these uses do not refer to a physical edge of the earth. That's how
the church has always read these passages (and what the original authors meant).
Daniel's Tree Overlooking the Earth
Another verse that flat-earthers use is <u>Daniel 4:11</u> . The prophet describes a tree that grew so tall
that it could be seen from all over the earth. Flat-earthers point out that this would be impossible if the earth were a globe, but quite feasible if the earth were flat.
What flat-earthers fail to mention is that this tree appeared in a dream of the pagan king
Nebuchadnezzar. If it isn't clear enough that this is not a literal tree, in Daniel's interpretation of
the dream (Daniel 4:17–27), Nebuchadnezzar was identified as that tree. How can anyone take a
tree in a dream—with a metaphorical meaning about a king's power and fame—to indicate that
the earth is flat?
Satan's Display of All the Earth's Kingdoms
Flat-earthers similarly point to the temptation of <u>Jesus</u> found in <u>Matthew 4:1–11</u> , where Satan
took Jesus to a high mountain and showed him all the kingdoms of the world. Flat-earthers then reason again that this is possible only if the earth is flat.
If this is to be taken so literally, where is that mountain? They have no candidates because even on
the flat-earth model, there are no mountains from which such a literal view is feasible.
Moreover, flat-earthers generally don't mention the other accounts of the temptation of Jesus
(Mark 1:12–13; Luke 4:1–13). There is good reason for their silence. The earliest manuscripts of
Luke's account don't mention a mountain at all, but merely state that Satan took Jesus "up" to
show him the kingdoms of the world. It's not clear what this up means. It's likely that the
temptation took place in the wilderness where Jesus had been for 40 days and nights. It's also
likely that this was a vision, not a vista.
The Earth's "Pillars"
Many other verses that flat-earthers cite refer to the earth having pillars, such as Job 9:6 (though
flat-earthers never seem to address what the pillars are resting on). Other verses say that the earth
does not move, such as <u>Psalm 93:1</u> . Of course, none of these verses make statements about the
earth's shape, so you must read a flat-earth interpretation into them without even a hint from the
biblical text. Never mind that most of these verses are found in the poetic books, which use much
imagery and other nonliteral language.
Dome over the Earth
What about the dome that sits over the earth, according to their model? Flat-earthers claim that
the dome is the firmament described in the day-two account of <u>Genesis 1:6–8</u> . They claim that this
is what the original Hebrew word rāqîa', translated "firmament" in early English translations,
means.
However, the noun rāqîa' comes from the verb rāqa, meaning "to stamp, beat, or spread out." That
is, the rāqîa' is something that was spread out. So most modern English translations render this

Hebrew word as "expanse." That is the most natural and clear meaning of the word and what most
people have understood over the centuries.
It is true that some people came to view the rāqîa' as a hard surface, either a sphere around the
earth or possibly a dome over the earth, but that is not necessarily what the rāqîa' originally meant
or actually is.
What is the rāgîa'? The day four account (<u>Genesis 1:14–19</u>) places the sun, moon, and other
astronomical bodies in the rāqîa', and <u>Genesis 1:20</u> described the birds flying across the face of
the rāqîa'. So in today's terminology we might call the rāqîa' "space and the earth's atmosphere,"
or more simply "sky."
How Everything Got Out of Sorts
What is the motivation behind Christians today who believe that the earth is flat? They often claim
high motives, that they want to remain faithful to God's Word. But in fact they are going outside
the Bible to promote their own peculiar view that runs contrary to what godly Christians have
understood over the millennia.
One attraction may be similar to the allure of an ancient philosophy called Gnosticism, which
infiltrated the early church. One of the tenets of Gnosticism is that special knowledge leads one
either to salvation or to a higher spiritual level. Christian flat-earthers seem to believe that they
have learned some important teaching about cosmology that has been hidden from most
Christians.
They speak of having a much deeper appreciation of God since coming to believe that the earth is
flat. In fact, they often claim that many atheists were born again after coming to believe that the
earth is flat. (One must wonder what will happen to either group if they ever come to realize that
they've been duped.)
This is deadly stuff. Gnosticism was one of the first great heresies to challenge the early church. It
challenges the simplicity of the <u>gospel</u> , available to everyone (<u>2 Corinthians 4:3</u>). We don't need to
depend on the extrabiblical wisdom of the special few.
Flat-earthers totally believe their myth about the ignorance of past generations. They say that until
five centuries ago nearly everyone, especially those in the church, thought that the earth is flat.
Going one step further, they conclude the church should repent of spreading a supposedly false
teaching. Imagine. All the great saints of church history, and virtually
every church and church leader, have been in grave error all these years.
Belief that the earth is a sphere was well-established prior to the church's existence. And every
thing in God's Word is consistent with that view.
No need to worry. The facts of history, science, and church history are on your side. (And
the Bible most importantly of all.)
Belief that the earth is a sphere was well-established in the West even prior to the church's
existence. And everything in God's Word is consistent with that view.
Yet this slide into folly is a warning to all of us. We need to be humble before God's Word because
any one of us can slip if we begin to lean on our own understanding rather than the clear revelation
of the Bible. In the end, we could find ourselves undermining the very things we claim to uphold.
10 Reasons We Know the Earth Is a Sphere
During a lunar eclipse, the earth's shadow is always circular. Only a sphere casts a circular
shadow regardless of its orientation.
As we travel northward, stars above the southern horizon disappear below the horizon.
Conversely, stars below the northern horizon become visible. The reverse happens as we travel
southward.

	The hulls of ships disappear first as they move away from the observer. (This observation doesn't always work on warm days because a temperature inversion can bend light along the earth's curvature.)
	From very high altitudes (50,000 feet or more) the earth's curvature is visible.
	When surveying triangular areas greater than 200 acres, the sum of the interior angles exceeds
	180 degrees. If the earth were flat, this would not happen, but it would if it were a ball.
	The Coriolis effect is an important physics phenomenon that impacts the atmosphere. A rotating
	earth causes this effect, but there is no explanation if the earth is flat and motionless.
	Astronomical bodies appear to spin around the north celestial pole every 24 hours. Telescope
	mounts must compensate for this motion. This works only if the earth is a spinning ball.
	The moon, the sun, and the other planets clearly are spheres. By analogy, one would expect the earth to be a sphere too.
	If the earth were flat with a dome over top, everyone on earth would see the same stars. But we
	don't—a large part of the sky is not visible from temperate latitudes in the Northern Hemisphere and likewise in the Southern Hemisphere.
	In the Northern Hemisphere stars appear to spin each day around the north celestial pole (the
	North Star is very close to the north celestial pole). In the Southern Hemisphere, stars appear to
	spin around the south celestial pole (but there is no bright "south star.") This is not possible on a flat earth but must be true if the earth is a spinning globe.
	Dr. Danny Faulkner joined the staff of Answers in Genesis after more than 26 years as professor of
	physics and astronomy at the University of South Carolina Lancaster. He has written numerous
	articles in astronomical journals, and he is the author of Universe by Design.
THE FALSE DOCTRINE OF	The False Doctrine Of The Flat Earth: A contextual perspective of Biblical cosmology, provides an
FLAT EARTH	explanation of flat earth Bible verses Paperback – August 19, 2019 by <u>David Nikao</u> (Author)
	4.0 4.0 out of 5 stars_ 45 ratings
	See all formats and editions
	Heliocentrism is a deception from the enemy, which is used to promote the theory of evolution. This Bible study book will open up your eyes to show how the enemy has hidden the truth about
	the geocentric globe earth universe, by pushing the heliocentric and the flat-earth model deceptions.
	Psalms 19 describes a sun that is moving in a circuit. On Joshua's Long Day, both the sun and
	moon were commanded to stand still. The sun was moved back to cause its shadow to return ten
	degrees, as a sign to King Hezekiah. That's not possible on the heliocentric model.
	The Bible never says that the earth is revolving around the sun in a circuit, only that it's fixed in
	place and immovable.
	The Bible describes a globe earth, not a flat earth.
	It describes the circular layers of the earth which hold back the fountains of the deep. It describes
	the layers of the atmosphere which protect the globe earth. It describes the ecliptic circle of the
	earth (Isaiah 40:22), which goes around the globe earth to proclaim the Gospel message. And it
	describes the celestial sphere which surrounds the globe earth, which is made up of 48
	constellations, which are as a tent, a tabernacle; all of which point to Messiah redeeming the set-
	apart saints.
	If you're a flat earther, have you studied the context of the verses which are being cited to proclaim

r	
	the proper context; because if you're promoting these verses, then you're accountable for the explanations.
	It gives a fresh perspective about the 'firmament' of Genesis; the 'circle' of Isaiah 40:22; the clay turned to the 'seal' in Job 38:13-14; the 'pillars' of 1 Samuel 2:8; and much more; to show how they are describing a globe earth, not a flat earth.
	If you know someone who believes that the Bible describes a domed, flat earth; it will help you understand their rationale in citing these verses.
	If you're a believer who's researching the flat earth, this book is critical for you.
	If you believe in the heliocentric universe; have you read what Moses, Job, David, and Isaiah, declared about the earth, the sun, and the stars?
	None of my pastors taught me what Scripture says about astronomy.
	This book gives the context of Scripture to prove the geocentric universe with a globe earth at the center.
	The enemy has created a false dichotomy, by making the debate only between the flat earth and the heliocentric globe earth.
	Satan is using the deception about the design of the universe and earth, to attack the authority of
	Scripture, to discount the Genesis creation narrative, and to promote the lie of evolution.
	Stop believing the deceptions of the enemy! Seek truth, not to defend a belief!
DEBUNKING FLAT EARTH WITH THE BIBLE	Did Bible writers believe the Earth was flat?
	No, this false idea is not taught in Scripture.
	Some Bible critics have claimed that <u>Revelation 7:1</u> assumes a flat Earth since the verse refers to angels standing at the <u>"four corners"</u> of the Earth. Actually, the reference is to the cardinal directions: north, south, east, and west. Similar terminology is often used today when we speak of the <u>sun's</u> rising and setting, even though the Earth, not the sun, is doing the moving. Bible writers used the "language of appearance," just as people always have. Without it, the intended message would be awkward at best and probably not understood clearly. [DD]
	In the Old Testament, Job 26:7 explains that the Earth is suspended in space, the obvious
	comparison being with the spherical sun and moon. [DD]
	A literal translation of <u>Job 26:10</u> is "He described a circle upon the face of the waters, until the day and night come to an end." A spherical Earth is also described in <u>Isaiah 40:21-22</u> —"the circle of the earth."
	Note, the Biblical Hebrew word for "circle" (λιμ—chuwg) can also mean "round" or "sphere." "The Earth a Sphere—Certain <u>astronomical</u> relations were recognized very early. The <u>stars</u> appear as if attached to a globe rotating round the Earth once in <u>24 hours</u> , and this appearance was clearly familiar to the author of the <u>Book of Job</u> , and indeed long before the time of <u>Abraham</u> , since

the formation of the <u>constellations</u> could not have been effected without such recognition. But the spherical form of the heavens almost involves a similar form for the Earth, and their apparent diurnal rotation certainly means that they are not rigidly connected with the Earth, but surround it on all sides at some distance from it. The Earth therefore must be freely suspended in space, and so the Book of Job describes it: 'He stretcheth out the north over empty space, and hangeth the Earth upon nothing' (Job 26:7)." (International Standard Bible Encyclopedia)]

Proverbs 8:27 also suggests a round Earth by use of the word circle (e.g., New King James Bible and New American Standard Bible). If you are overlooking the ocean, the horizon appears as a circle. This circle on the horizon is described in Job 26:10. The circle on the face of the waters is one of the proofs that the Greeks used for a spherical Earth. Yet here it is recorded in Job, ages before the Greeks discovered it. Job 26:10 indicates that where light terminates, darkness begins. This suggests day and night on a spherical globe. [JSM]

The Hebrew record is the oldest, because <u>Job</u> is one of the oldest books in the Bible. Historians generally [wrongly] credit the Greeks with being the first to suggest a spherical Earth. In the sixth century B.C., Pythagoras suggested a spherical Earth. [JSM]

<u>Eratosthenes</u> of <u>Alexandria</u> (circa 276 to 194 or 192 B.C.) calcuated the circumference of the Earth "within 50 miles of the present estimate." [Encyclopedia Brittanica]

The <u>Greeks</u> also drew meridians and parallels. They identified such areas as the poles, equator, and tropics. This spherical Earth concept did not prevail; the Romans drew the Earth as a flat disk with oceans around it. [JSM]

The round shape of our planet was a conclusion easily drawn by watching ships disappear over the horizon and also by observing <u>eclipse</u> shadows, and we can assume that such information was well known to New Testament writers. Earth's spherical shape was, of course, also understood by Christopher Columbus. [DD]

The implication of a round Earth is seen in the <u>book of Luke</u>, where <u>Jesus</u> described his return, <u>Luke</u> <u>17:31</u>. Jesus said, "In that day," then in verse <u>34</u>, "In that night." This is an allusion to light on one side of the globe and darkness on the other simultaneously. [JSM]

It is also interesting to note that there are 16 scriptures which refer to God stretching out the heavens. These are remarkable confirmations that the Bible is true, as we know today that the heavens are rapidly expanding. [TH]

"When the Bible touches on scientific subjects, it is entirely accurate." [DD]

science index

Who invented the concept of a flat Earth? Answer

But, doesn't the Bible refer to "the four corners of the Earth." How can a spherical Earth have corners? <u>Answer</u>

GALILEO—What were Galileo's scientific and biblical conflicts with the Church? Answer

<u>LESSONS FROM GALILEO</u>—What is the lesson that Christians should learn from Galileo? <u>Answer</u> <u>Astronomy questions-and-answers index</u>

<u>The Universe Confirms the Bible</u> by Dr. Jason Lisle, Answers in Genesis (ChristianAnswers team member)

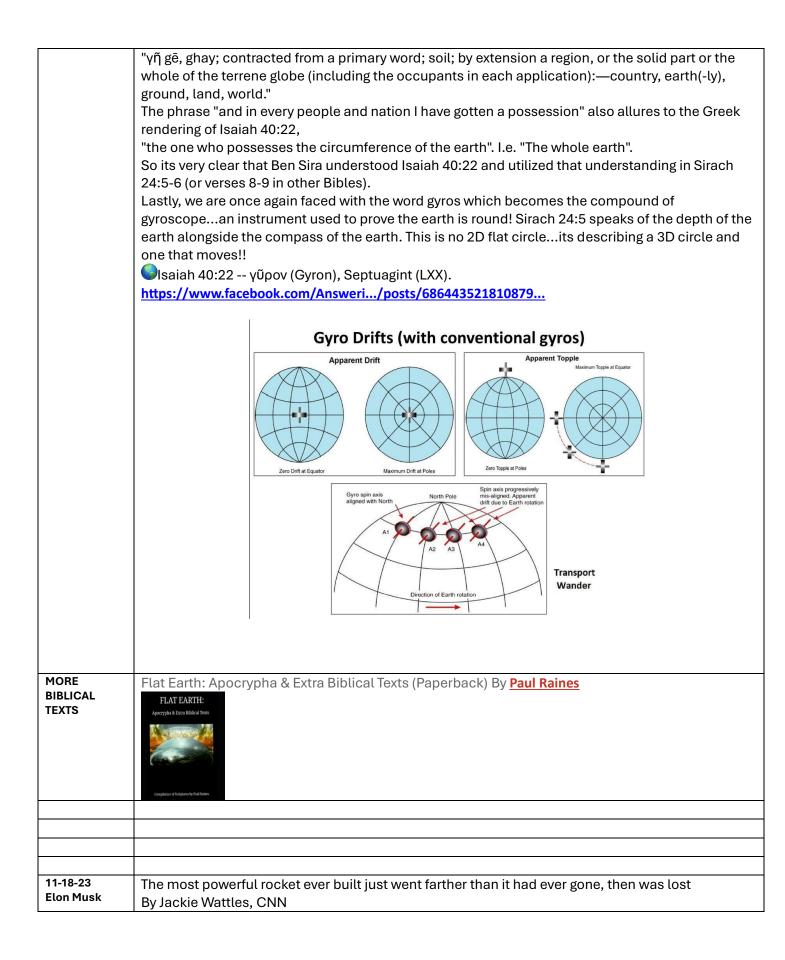
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	Thomas H. Henderson, Christian Answers Network
	Edited by Paul S. Taylor, Christian Answers Network
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THE BIBLE	Dear Flat Earthers: the Bible does not back up your theory
DOES NOT BACK UP THE	
THEORY	Why believe something that has ZERO evidence?
DISECTING	Flat earth theory says the earth is flat not a sphere, most likely a square, or maybe a disk, the sun
DISECTING THE BIBLE WITH GREEK	and moon and just small orbs right there in the sky (not millions of Kilometers away), that there is an ice wall all the way around protecting an edge, and this edge is guarded so no one can cross it.
HEBREW AND COMMON SENSE	And most importantly the "powers" are all in on this conspiracy and keep the reality covered up by fake photos of earth that are round, NASA is lying to us, the moon landing was fake, etc. There are several variations in the details of the theory, but that's how I'd summarize it.
JENJE	There are a few scriptures in the Bible used by Flat Earthers (FERs) to justify this position, here's
	why they are wrong.
	Rev 1:7 is a key verse quoted by FERs:
	After these things I saw four angels standing at the four corners of the earth, holding the four winds
	of the earth, that the wind should not blow on the earth, on the sea, or on any tree. Revelation 7:1
	(NKJV)
	and also Isaiah 11 He will set up a banner for the nations,
	And will assemble the outcasts of Israel,
	And gather together the dispersed of Judah
	From the four corners of the earth. Isaiah 11:12 (NKJV)
	Flat Earthers Argue: the "four corners of the earth" are referring to literal four corners of a flat,
	square earth. See God clearly states the earth is flat.
	Why it's wrong: This is just lazy hermeneutics (explaining/interpreting the meaning of the
	scriptures). What does the phrase mean as written in that day, not how we might say these words in English today?
	Elet Forth denistion, Incore via Conve
	Flat Earth depiction. Image via Canva "The expression "the four corners of the earth" was used in antiquity among the Near-Eastern nations
	much as we use "the four points of the compass." (Expositor's Bible Commentary (12 Vols.) This is a
	phrase meant a couple of ways, one is referring to the points of the compass directions, or North,
	South, East, and West. Another meaning of this is all the four parts of the earth — more like our
	term "quadrants", taken together as a whole, make up the entirety of the globe. So God will be

	gathering his people from all directions, or from all quadrants around the entire globe. These phrases
THE APOCRYPHA	Sirach 24:5 Apocrypha Flat earthers often claim that the apocrypha teaches that the earth is flat. Now whether you view the apocrypha as inspired or not isn't the point of this post. The apocrypha is history which comes from Jewish writers between the testaments. These books of the Apocrypha used to be in all the old English Bibles and still in some translations today. The Book of Sirach (aka,Ecclesiasticus) is attributed to a Jewish Scribe named Ben Sira. The composition of this work dates in the 3rd or late 2nd century B.C. Most of the surviving manuscripts of Sirach are from the Greek Septuagint. Though the Dead Sea Scrolls unearthed manuscript 2Q18 which is in Hebrew and it agrees with the Septuagint. The main word used in the featured verse is γῦρον (gyron, gyros). This is the Greek equivalent to the Hebrew chuwg. Greek Septuagint: 👉 "γῦρον οὐρανοῦ ἐκὐκλωσα μόνη καὶ ἐν βάθει ἀβύσσων περιεπάτησα·" γῦρον means "round, circumnavigate, circumference, ring, circle (of the horizon), rotation." The Latin word gyrum carries the same meaning as the Greek gyron/gyros. Latin Vulgate: 👉 "Gyrum caeli circuivi sola, et profundum abyssi penetravi: in fluctibus maris ambulavi" Isaiah 40:22 uses "gyrum terrae" which is translated as "globe of the earth." Another word appears in this verse which is ἐκὐκλωσα. In the NT you find a more common variant which is Strong's G6059 κυκλεύω, also used in Ecc. 1:6 in the Septuagint. The word in Greek means "encompass, surround, go around." In Septuagint lexicons it also carries the meaning of "circle, circular course, to move in a circle, to whirl round." So in one verse we have the double- chuwg effect. The Hebrew word is Strong's H5439 φα: φεί φβψφ, which means "a circle, or environs, around (place, round) about, compass (on every side), form a circuit (from every side)." Its clear that both γῦρον and ἐκὐκλωσα used in the same verse and applied to the earth can only lead to a global meaning.
	 English Translations "I my selfe alone have gone round about the compasse of heaven, and pearsed the grounde of the deepe" (1539 Great Bible & 1568 Bishop's Bible Sirach 24:8), "I alone compassed the circuit of heaven, and walked in the bottom of the abyss" (KJV Sirach 24:5). "Alone I have made the circuit of the vault of heaven and have walked in the depths of the abyss" (RSV Sirach 24:5). "I alone have compassed the circuit of heaven, and have penetrated into the bottom of the deep, and have walked in the waves of the sea" (Douay-Rheims Bible Sirach 24:8). The verse is about the earth as verse 6 continues "In the waves of the sea, in the whole earth, and in every people and nation I have gotten a possession" (RSV). This same verse in the Septuagint, "ἐν κύμασιν θαλάσσης καὶ ἐν πάσῃ τῇ Υῇ καὶ ἐν παντὶ λαῷ καὶ ἕθνει ἐκτησάμην" The word G1093 Υῇ applied to this verse carries a global connotation. The New Strong's Exhaustive Expanded Concordance of the Bible, G1093 Υῇ gē,



Sat November 18, 2023 The SpaceX Starship launches on Saturday, November 18, 2023.

CNN

SpaceX's gargantuan deep-space rocket system, Starship, safely lifted off Saturday morning but ended prematurely with an explosion and a loss of signal.

The Super Heavy booster and Starship spacecraft successfully separated after liftoff, as the Starship lit up its engines and pushed away. That process ended up destroying the Super Heavy booster, which erupted into a ball of flames over the Gulf of Mexico. But the Starship spacecraft was able to briefly continue its journey.

The Starship system made it much farther into flight than the first attempt in April. The rocket and spacecraft lifted off the launchpad at 8 a.m. ET, with the Super Heavy booster igniting all 33 of its Raptor engines. Even during ground tests, SpaceX has had a hard time getting all of those engines, clustered together at the base of the rocket, to power on consistently at the same time.

The Starship upper stage had begun its trip Saturday morning strapped to the top of the Super Heavy first stage, a 232-foot-tall (70.7-meter-tall) rocket. About two and a half minutes after roaring to life and vaulting off the launchpad, the Super Heavy booster expended most of its fuel, and the Starship spacecraft fired its own engines and broke away.

The Starship spacecraft used its own six engines to continue propelling itself to faster speeds. SpaceX aimed to send the spacecraft to near orbital velocities, typically around 17,500 miles per hour (28,000 kilometers per hour). Starship climbed to an altitude of about 93 miles (150 kilometers) above the Earth's surface, reaching the edge of space.

The US government considers 50 miles (80 kilometers) above Earth's surface the edge of outer space. Internationally, the Kármán line, located 62 miles (100 kilometers) above sea level, is often used to mark the boundary between our planet and space — but there's a lot of gray area.

SpaceX's mega rocket Starship launches for a test flight from Starbase in Boca Chica, Texas, Saturday, Nov. 18, 2023. (AP Photo/Eric Gay)

SpaceX's Starship launches on its second test flight from the Starbase facility in Boca Chica, Texas, on Saturday morning. The rocket booster and then the spacecraft were lost shortly after liftoff. Eric Gay/AP

The SpaceX team awaited acquisition of signal from the spacecraft, but shared during the livestream that the "second stage was lost."

"The automated flight termination system on second stage appears to have triggered very late in the burn as we were headed down range out over the Gulf of Mexico," aerospace engineer John Insprucker said.

The flight termination system is essentially a self-destruct feature that SpaceX engaged to prevent the Starship from traveling off course.

"The booster experienced a rapid unscheduled disassembly shortly after stage separation while Starship's engines fired for several minutes on its way to space," SpaceX shared on X, formerly

known as Twitter. "With a test like this, success comes from what we learn, and today's test will help us improve Starship's reliability as SpaceX seeks to make life multiplanetary." The Federal Aviation Administration, which licensed the Starship's test flight today, issued a statement after the test flight. "A mishap occurred during the SpaceX Starship OFT-2 launch from Boca Chica, Texas, on Saturday, Nov. 18. The anomaly resulted in a loss of the vehicle. No injuries or public property damage have been reported," according to an FAA spokesperson. The agency will conduct a mishap investigation to determine the root cause of the loss of Starship, which is standard procedure. "A return to flight of the Starship Super Heavy vehicle is based on the FAA determining that any system, process, or procedure related to the mishap does not affect public safety," according to the FAA. It took more than four months for the FAA to complete the last mishap investigation after Starship's test flight in April. SpaceX's mega rocket Starship breaks the sound barrier as it launches for a test flight from Starbase in Boca Chica, Texas, Saturday, Nov. 18, 2023. (AP Photo/Eric Gay) Starship breaks the sound barrier during its launch. Eric Gay/AP Starship goals NASA is investing up to \$4 billion in the rocket system with the goal of using the Starship capsule to ferry astronauts to the lunar surface for its Artemis III mission, currently slated to take off as soon as 2025. The endeavor is aiming to return humans to the moon for the first time in five decades, and the successful completion of this test flight would have brought the US space agency and SpaceX one step closer to that goal. "Congrats to the teams who made progress on today's flight test," NASA Administrator Bill Nelson shared on X. "Spaceflight is a bold adventure demanding a can-do spirit and daring innovation. Today's test is an opportunity to learn — then fly again. Together @NASA and @SpaceX will return humanity to the Moon, Mars & beyond." On flight day 20 of the Artemis I mission, Orion captured the Moon on the day of return powered flyby. The burn, which lasted 3 minutes, 27 seconds, committed the spacecraft to a Dec. 11 splashdown. Watch: Here's how NASA wants to send humans back to the moon "Each test represents a step closer to putting the first woman on the Moon with the #Artemis III Starship human landing system. Looking forward to seeing what can be learned from this test that moves us closer to the next milestone," Jim Free, NASA associate administrator for exploration systems development, shared on X.

The failure could spell significant delays for Starship's development and the key missions lined up on its manifest, most notably NASA's Artemis III mission. The US space agency tapped Starship in 2021 to serve as the lunar lander for that mission. 'Hot staging' process The root cause of the Starship rocket's failure on Saturday was not immediately clear. But the booster explosion occurred after a phase called "hot staging" that SpaceX tried for the first time Saturday. The method was used to separate the Starship spacecraft and Super Heavy rocket after liftoff. Almost all rockets go through a process during launch called "stage separation," in which the bottommost rocket booster diverges from the rest of the rocket or spacecraft. When SpaceX launches its workhorse Falcon 9 rocket, for example, the first-stage booster — or the bottommost portion of the rocket — breaks away from the upper part of the rocket less than three minutes into flight. The Falcon 9 does so using pneumatic pushers that are housed within the rocket's interstage, or black band around the center. Instead, the Starship spacecraft fired up its own engines to push itself away from the Super Heavy booster — and it's essentially separation by blunt force trauma. It marked a crucial moment for SpaceX, as hot staging was expected to be "the riskiest part of the flight," SpaceX CEO Elon Musk said in October. SpaceX had already said it would consider the mission a success if Starship made it past hot staging. But after hot staging, the Super Heavy booster began tumbling out of control and exploded over the Gulf of Mexico just moments later. SpaceX had hoped to reignite the Super Heavy's engines and guide it to a controlled landing. "We did know that hot staging was going to be incredibly dynamic," said Kate Tice, senior manager of SpaceX Quality Systems Engineering, during the livestream. We knew that there was a chance that the booster would not survive, but we're going to take that data and figure out how we can make the booster better for the next hot stage." Initially, the Starship spacecraft continued moving along after separation. About eight minutes after liftoff, cheers could be heard echoing throughout mission control as the Starship was approaching the end of its engine burn — putting it on a path toward Earth's orbit. But nine minutes after launch, SpaceX made it clear that it lost video signal with Starship. And about 11.5 minutes into the flight, the company confirmed it had lost data, indicating Starship wasn't flying as planned. Then, the spacecraft's flight termination system was triggered to prevent it from veering off course, bringing an early end to the test flight.

	If all had gone according to plan, Starship would have continued accelerating toward space. The Starship spacecraft was then slated to complete nearly one full lap of Earth, aiming to splash down in the Pacific Ocean near Hawaii.
	05 SpaceX Starship impact Environmental groups sue FAA for SpaceX launch that exploded in April The destruction of the vehicle shortly after liftoff was reminiscent of the Starship's first launch attempt in April. During that test flight, several of the Super Heavy's engines unexpectedly powered off and the rocket began spiraling out of control just minutes after liftoff. SpaceX was forced to trigger the system's self-destruct feature, blowing up both stages over the Gulf of Mexico.
	SpaceX took several months to recover from the April mishap. The company was forced to rebuild its launch site, which had been torn to pieces by the sheer force of the rocket powering its engines. The company also implemented upgrades to both the Starship spacecraft and the Super Heavy booster.
	SpaceX typically embraces fiery mishaps in the early stages of rocket development. The company has long maintained that it can learn how to build a better rocket more quickly and cheaply by flying — and occasionally exploding — early prototypes rather than relying solely on ground testing and computer modeling.
	After April's explosive first test flight, SpaceX noted "success comes from what we learn, and we learned a tremendous amount."
NASA TELLS ON	I'm Don Pettet. I'm a Nasa astronaut, and I'm on the International Space Station. I could go to the
THEMSELVES	moon in a nanosecondbut the problem is, we don't have the technology to do that anymore. We used to, but we destroyed that technology. And it's a painful process to build it back again.
	The kinds of technologies that we're testing out on space station are definitely helping us with our goals of going beyond low Earth orbit. So we have a really robust exploration program at Nasa. We're also really pushing the boundaries in terms of where we're going forward with exploration. And this is really the beginning, I think, of human beings leaving low Earth orbit. I certainly plan on being around to see the destinations beyond Earth. Right now, we only keep flying Earths orbit. That's the farthest that we can go. And this new system that we're building is going to allow us to go beyond earths orbit and hopefully take humans into the solar system to explore the moon, mars, asteroids, there's a lot of destinations that we could go to and we're building these building block components in order to allow us to do that eventually. Early in the next decade, a set of crude flights will test and prove the systems required for exploration beyond low Earth orbit.
	He is without a doubt admitting we have never been to the moon, we don't have the capability to do it and we cant and haven't ever been outside of earths orbit.
GREEK ROOT WORD FOR FLAT	If you're studying the Bible, I never looked it up. So I looked it up. Sorry, looking up these Hebrew and Greek words. It gets dangerous because the word breath here is the word plateaus. Sound from here Plateaus. What are plateaus? They're a flat land, right? Well, the word we didn't notice in in your Greek dictionary, you're going to, it's going to lead you down the root words. And it says, the word here is plateaus, which means with or breadth, plateaus. We know what it means. He says it's from, though, 4116 in your Greek dictionary. So let's go to 4116 which is the, well, the root word. Platoos, Plaoos. What is platoose mean in the Strong's Greek dictionary? Do you spread out

r	
	flat? So, literally the verse in revelation. 20 so they went up upon the Flat Earth That's the definition of the words in the original language. Here's. where to get seemed crazy. Notice it says that the plateaus has a root word. Platos says it comes from 4111. So let's go to 4111 and see what it says here. The word 411. Here's the word in Greek. Listen to what it means hereto shape or fabricate".
SPEED OF ROTATION and SYMBOLISM and SCIENCE OF 666	The Globe model is completely satanic and has 666 written all over it. They claim that the earth revolves around the sun at 66,600 mph. It also tells us that the curvature of one square mile is .666 feet. Look up the equation for curvatures, eight inches per mole squared, which would equal .666 for the furniture of one square mile. The Earth tilts at 66.6 degrees, because they claim that it's tilt is 23.4 degrees. You subtract that from a 90 degree angle, you get 66.6 degrees. You still think this is all a coincidence, but the Holy Scriptures have had it right this entire time.
	The most high has created a flat, stationary earth with a firm and dome over top. No such thing as outer space and other planets. That's all a made-up fairy tale to instill fear on all the earth. The world also shall be stable, and it be not moving. He spread out the sky, which is strong and as a molten looking glass. It is he that sent upon a circle of the Earth the inhabitants thereof and they are as grasshoppers. He that stretch out the heavens as a curtain and spread them out as a tent to dwell in the heavens are like attempt to dwell in. Speaking of the firmament, hast thou with them, spread out the sky, which is strongly as a molten looking glass.
4 MYTHS DEBUNKED	Pastor Vlad made this post on youtube the other day before he took it down hours later. Evidence that the Earth is round and not flat. This guy has about 1.5 million followers in a large mega church. Now, I'm not here to attack him, but I just want to show you guys how false this actually is.
	So he's providing his, quote, Unquote, evidence here that the earth is round and not flat. Here's point number one. We have pictures of Earth from space he claims. All right, so if you did a little bit of digging, we know that the most famous picture of the, quote, Unquote, Earth is "the blue marble". And the blue marble is claimed to be a photograph of Earth taken on December 7 th 1972 from 18,000 miles from the plant's surface.
	Well, if you go to Nasa.gov, you type in Robert Simmons, aka "Mr Blue Marble", and it will tell you how they created this CGI folder, just like they create the rest. So first off, they start up by telling you they actually get these photographs from low-earth orbit. And this is from Nasa's website, by the way, the people that you're supposed to be trusting.
	"The hard point was creating a flat map of the Earth's surface, with the coordinate of satellite data from 4 months of data."
	So this wasn't a photo. This was 4 months of standard data of the Earth's surface from low Earth orbit. "Then we wrapped the flat map around a ball. That ball became the famous blue marble."
	So how do we trust them when they say this is a photograph, right?
	The blue model is a photograph taken from May 2000 miles away, but then we have NASA's website telling us that it's a flat map that they created with four months of low orbit satellite data and then wrapped around the ball.
	His next point goes on to say the reason why New York and London have different times is because when it's daytime in one place, it's night time in the afternoon that happens because the earth is

	round, not flat. Now this one is easily deployed in Scriptures and the single tabernacle focused on portions of the bridegroom coming out of his chamber and rejoicing at the sun to cover his face.
	The sum measure is a simulative a strengtheory to must a mass M/s Dum measure at the simulant media. This
	The sun moves in a circuit like a strong man to run a race. We Run races on the circular track. This is why we have daytime tonight. We have the sun. It's just a great light.
	Look up projects echo project echo with the first passive communication satellite massive opening. Now they keep posting them up there. Well, I just challenge you guys to actually do your
	research before you listen to people on just programming conditioned by their own rules.
	Nasa in Hebrew means to deceive. We are not on a floating ball in space.
MORE LINKS	https://www.facebook.com/share/r/YprJxUEpXFKDHNjL/?mibextid=D5vuiz
	Sun and Moon are the same size: <u>https://fb.watch/qz8-rUT75u/</u>
	Satanic Earth is round: https://fb.watch/qz9k2Eqjwl/
	Science of Firmament: <u>https://www.facebook.com/share/v/5KcJr38Eyi7mPT8z/?mibextid=VFPyay</u> 1500 North Pole: <u>https://www.facebook.com/share/v/sKuLWA9rnU6JowQV/?mibextid=VFPyay</u>
	Encylopedia Pre 1958 says we live on a flat earth:
	https://www.facebook.com/share/v/UZiE7JeXGicPCcti/?mibextid=VFPyay
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	Encyclopedia: https://www.facebook.com/share/r/EB2wKvh3z3XdNWQ9/?mibextid=D5vuiz
	John Truths Book: <u>https://truearthbook.com/</u>
	Flat vs. Round: https://www.facebook.com/share/r/JqgmUaVLcUJ3YtrT/?mibextid=D5vuiz
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	0 Flat Earth: <u>https://www.facebook.com/share/r/JdkL4mMLNsaR8xCr/?mibextid=D5vuiz</u>
	Constellations DO NOT MOVE: https://www.facebook.com/reel/709341804410404
	Flat: https://www.facebook.com/share/r/PFPtqMjNmGcJRNCT/?mibextid=D5vuiz
	If theres no gravity why do stars fall?: <u>Facebook</u>
	Perspective: https://fb.watch/qT4EkUnQ-q/

JUMP TO TOP OF DOCUMENT

SECTION 4 IMAGES





JUMP TO TOP OF DOCUMENT NASA in Hebrew means "to deceive"! KING JAMES VERSION BIBLE 4860, 4876]. [N] to be deceived; [H] to deceive:- deceive [7], deceived [4], greatly deceived (+5377) [2], beguiled [1], seize [1], utterly, forget (+5382) [1] The Sun is Small and Local ANY QUESTIONS? Salara selection with set said Brand Bearing **Revelation 7:1** NOTHING And after these things I saw four angels standing on THE FOUR CORNERS OF THE EARTH, holding the four winds of the earth, that the wind should not blow on the earth, NASA TELLS Not a Cartoon Fairytale nor on the sea, nor on any tree. US IS THE TRUTH! HEY GLOBIES ASK NASA TO SHOW YOU A ROCKET Leaving Earth from the I.S.S. Window & Watch them tell you that they can't NEW STANDARD MAP OF THE WORLD DATE A S AGAINT LONGITUDE AND TIME CALCULATO PRIENT ALLOWED BECAUSE NONE OF IT IS REAL! Provide the second seco * Control and the second se 107

