

Table of Contents

<u>Page</u>	<u>Topic</u>
1	Table of Contents
2	Introduction
6	Wet Cotton Farmer
10	Poor Cotton Farmer
13	Dry Cotton Farmer
17	Robert's Cotton Campaign
22	Forecast of the Cotton Market for 1922
29	Declination
31	Major Motors
35	US Natal Chart
38	Other Astrological Techniques

Introduction

Good morning ladies and gentleman. I am here to introduce Bonnie Lee Hill who has worked an electrical engineer system analyst, and a senior consultant to manufacturers and users of supercomputers. Now retired, Bonnie devotes all of her time to studying and trading commodities. Bonnie has studied technical market analysis, and the works of W.D. Gann, George Bayer, and others. Her topic is The Tunnel Thru the Air. Let's give her a warm welcome. Bonnie?

Good morning. This morning, we are going to be talking about The Tunnel Thru the Air, a book by W.D. Gann. How many people have read their copy three times, like Gann told them to do? Very good. If you haven't, you may be in for quite a surprise for today.

What is The Tunnel Thru the Air? It's a very bad romance novel – a sappy romance novel full of very, very bad poetry. Why would one of the best commodity traders and market researchers waste his time writing a bad romance novel? Probably it's a lot more than a romance novel. The book has a rather odd title for a romance novel.

Gann wrote this book in 1927. In the Foreword, Gann says there are three main reasons he wrote the book:

- It is a romance novel
- It proves the natural laws laid down in the Bible
- It shows the value of science, foreknowledge and preparedness.

If you had been reading your astrological manuals in 1927, you should remember Sepharial wrote a book called The Science of Foreknowledge. Gann is using phrases that are very close to the names of astrological texts you should have seen. He is going to drop hundreds of hints through the book. Gann says this book contains a valuable secret clothed in a "veiled language". In other words, pay attention, this book is not at all what it seems to be.

This is one of the least studied of Gann's books, and it is probably the most misunderstood. For the average trader that really wants to know how to trade the markets, this is probably the most valuable book Gann ever wrote.

If this book is not a romance novel, then what is it? Very simply, it is an astrological textbook that Gann wrote to look like a novel. In this book, he uses tropical geocentric astrology. Gann teaches you several types of astrology.

The first thing he teaches you is personal astrology. We have our hero, Robert Gordon. We watch this boy grow up. Gann tells us when Robert's father dies, when Robert breaks his leg, when he has malaria, when he gets a promotion, when he finds his girlfriend, when he loses his girlfriend, etc. If you look at transits to Robert's natal chart, you will see the reasons why these things occurred.

Gann also teaches financial astrology in the book, and that is our topic of interest. Gann gives you specific trading rules for commodities like cotton, wheat, and corn. He gives you specific trading rules for a company he calls Major Motors. Gann assumes you can guess which company he is discussing. He also has another company in the book called Major Electric, in case you missed the point. He also tells you how to trade oil stocks, and the stock market in general. Gann also shows how to predict financial panics, booms, and anything related to finances.

The third category in the book is mundane astrology. For instance, Gann teaches you how to predict major floods of the Mississippi River. He shows you how to predict wars, problems for the United States, and so on.

Question: “When you say he teaches you how to do that, is he teaching you – what is his methodology? He teaches by giving you the date and you look at that chart? Is that what you’re saying?” Answer: Yes. That’s exactly what we’re going to do in a few pages, but yes. Gann gives you hints in the book, and he assumes you are smart enough to put the pieces together and figure out what the trading rule is. He is going to make you work for these answers. He’s not going to give them to you for free.

Medical astrology is also discussed in the book. Again, you can watch when someone gets malaria, breaks their leg, has hallucinations, almost has a mental breakdown, and so on. All of this is packed in the book, and is hidden by a thin layer of a very bad romance novel.

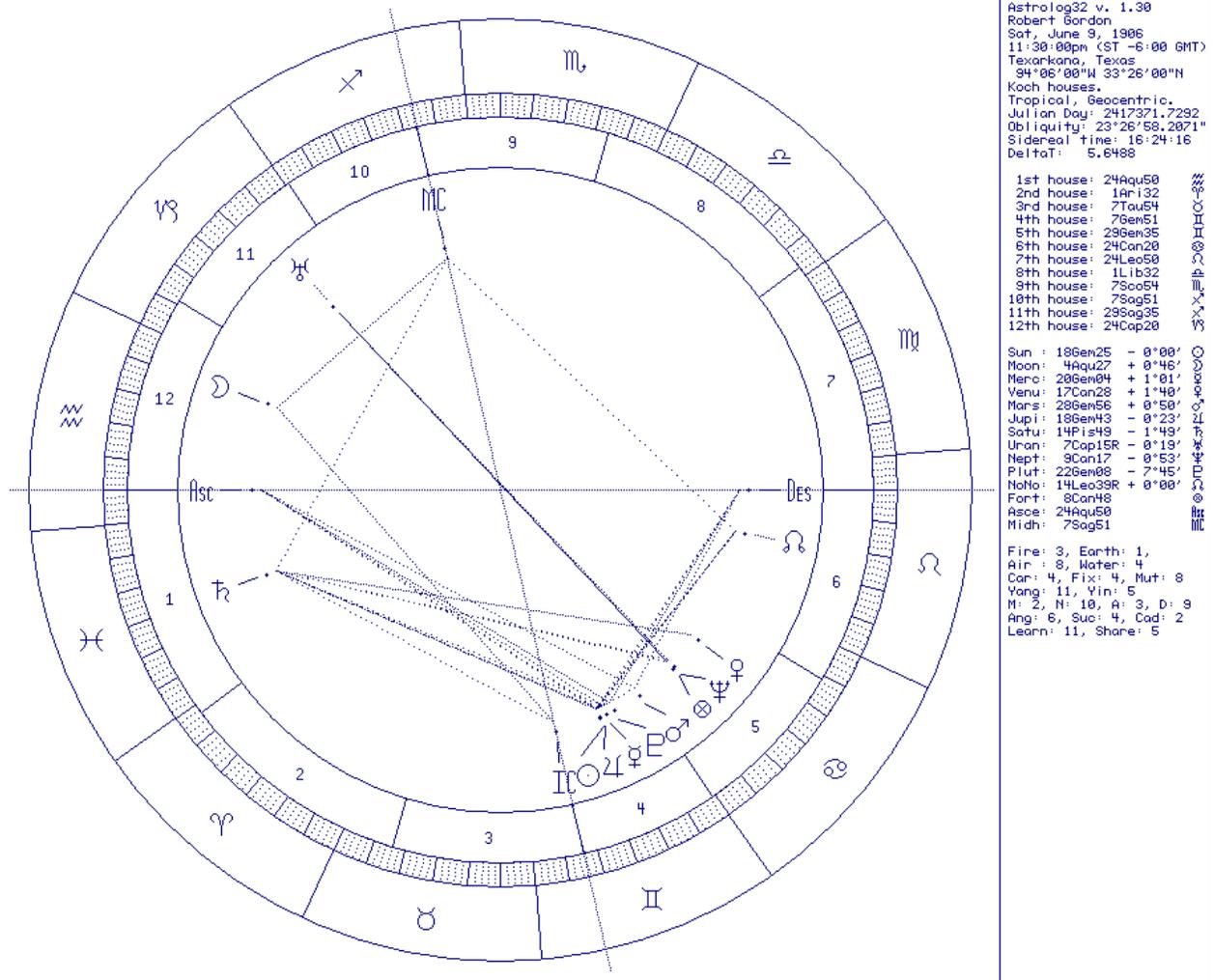
Gann will repeat any important point over and over and over in this book. His first point is that this is a book on astrology. So, there are a lot of comments in the book that says “I believe in astrology”. “I believe in the stars”. Page 74, “If we make calculations from the date and place of birth, I think we can predict what is going to happen.” That sounds like natal astrology to me. He says “I use geometry and mathematics, just like an astronomer to figure out what is going to happen.” On Page 77, he probably summarizes the idea of the whole book: “Like causes produce like results.” That is the basis of financial astrology.

Gann discusses how he forecasts cycles, and he says “I am not going to explain to you why it works”. He says that most people would not believe it if he told them. There are many, many comments about astrology in this book. The book is full of very blatant statements concerning astrology; it is not about a love story.

Now, how do we decode the book? This is where it may get a little tricky. First, you need to cast a natal horoscope for every person, every place, every country mentioned. Make sure you have a horoscope. Our hero, Robert Gordon, was born June 9, 1906, late in the evening. Robert Gordon is a little kid living in Texarkana on a cotton farm. He grows up and becomes a brilliant trader, and is also the greatest genius that ever lived. He invents the equivalent of radar, Stealth bombers, neutron bombs, and everything else. Robert single-handedly saves the United States from the terrible Japanese attack. He is the greatest hero there ever was.

1994 Tunnel Lecture by Bonnie Lee Hill

The chart of Robert Gordon should “connect” to the chart of the United States. On page 1, Gann stated that Robert Gordon was “born late Saturday night, June 9th, 1906”. If you pick approximately 11:30 p.m. for his birth time, you will find the Midheaven of Robert’s chart is exactly opposite the Ascendant of the U.S. chart that Gann uses. That’s how he “hooks” the two together. In the book, Gann tells you that Robert Gordon was born late in the evening. “Late in the evening” is just a little bit before midnight, and you must determine what time Gann meant. If you use something around 11:30, you will find that all the transits fit very nicely.



Number two, you must find the necessary data. You need the charts for the commodities he is discussing (1927 for example). We will predict the Mississippi River floods. You need data on past floods in the Mississippi delta. You must check the astrological aspects (current-to-current and current-to-natal) for every date that is related to a particular person.

Gann gives you different types of dates in the book. In some places, he will write that something happened “ten minutes after noon on July the 4th, 1932, in New York City”. That’s a very specific date. You can determine what Gann was discussing by consulting an ephemeris, or by looking at the transit on the natal chart. There should be no doubt at all in your mind.

In other instances, Gann gives you a really vague date. He is going to say the “spring of 1927”. In this case, you have a cluster of major aspects that occur within a couple of weeks. Or you will have something “big” like a major planet at maximum declination. Or you will have aspects from big planets. Let’s say we had a Neptune conjunct Pluto. Neptune will stay a while, and the aspect will last a while due to Neptune’s retrograde and direct motion. When Gann gives you a “vague” date, he is suggesting something big that will “last for a while”.

If Gann tells you something happens and he doesn’t give you a date, then the “something” is just filler for the novel. It is not important. The important things all have dates attached to them.

Every event in the book needs to be analysed. Gann will give you a trading rule, but he will not put all of it on a single page. Part of the rule is on Page 16, and part of the rule is on Page 32, and part of the rule is on Page 164. You will miss part of the trading rule if you do not study everything mentioned in the book.

The first time you read the book, you should underline anything that has a date associated with it, or anything that sounds “astrological”. This makes the second reading faster. You don’t have to read the bad poetry or the love letters a second time. We will decode the book by first concentrating on the specific dates and specific astrological statements. We will now decode some specific trading rules.

Wet Cotton Farmer

I call our first rule the “Wet Cotton Farmer”. We will have very high cotton prices due to water that ruined the cotton crops. Captain Gordon is the father of our hero, Robert Gordon.

On Page 2, Gann gives us a clue to this rule.

“Capt. Gordon was a farmer, growing mostly cotton crops on the Red River bottom lands. The following year, 1907, after the birth of little Robert, Capt. Gordon’s crops were almost a failure. The Spring was late and overflows damaged cotton.”

On Page 56, Gann gives us another statement concerning floods along the Mississippi River.

“From these predictions of Ezekiel and others in the Bible which Robert believed was a repetition of previous battles, he interpreted it to mean that there were to be a great flood during the year 1927. He predicted terrible floods along the Mississippi Valley, which would destroy the cotton crops and would lay waste vast acres of fertile land. He wrote that it would be one of the greatest floods in history.

On Page 63, Gann writes the following.

“. . . I feel confident that the price of cotton is going very high this Spring (1927). I figure that there are going to be some heavy floods along the Mississippi River, and that there will be a late, wet Spring, and that the demand for cotton will greatly increase, helping to put price very high.”

On Page 95, Gann writes the following.

“He (Robert) told Mr. Kennelworth that the flood was sure to come in the Mississippi Valley during April and May, the Spring would be late, and the price Would be sure to advance.”

On Page 96, Gann writes the following.

“The cotton market was slow during the balance of March, but it did not decline, and Robert was greatly encouraged. The market was slow again during April, but prices were holding steady and Robert felt encouraged that they did not decline. On April 20th, a flood started in the Mississippi Valley. The Spring was late and planting delayed.”

So far, we have two dates: 1907 and 1927, and we have a “late, wet Spring”. That’s very important. Now, we need to decode this trading rule. We need to find something that happens in the spring of these two years. Gann does not mean there is a 20-year cycle in floods of the Mississippi. Gann gives us two examples of what causes a flood.

We will open our geocentric ephemeris, look in the spring of these two years, and search for something related to a “flood”. What would you guess that to be? We find Uranus/Neptune aspects -- sudden changes in water. Makes a lot of sense, does it? We now have our guess as to what Gann was suggesting. We must go back in history and prove whether we have correctly decoded what Gann was trying to tell us.

I studied the history of the US natural disasters, back to the 1500s. I obtained the official data from the Army Corps of Engineers. They measure the exact amount of water in the Mississippi River at six different points along the Mississippi. The data contains the high point, the crest of the year, and how many feet above or below flood level. The Army Corps of Engineers has such data back into the 1800s.

The table contains a list of floods since 1735. The first flood occurred in the spring of 1735. We have Uranus opposite Neptune on Jan 24, 1735. The “wet cotton farmer” occurs when a geocentric Uranus/Neptune aspect occurs in the spring. If this aspect occurs in August, it will not cause the Mississippi River to flood. Gann always noted when (the date) an aspect occurred. The effect of a “mundane” aspect depended on when it occurred during the calendar year. All Uranus/Neptune aspects will not have the same effect. Gann only used this aspect in the spring.

In 1735, we find geocentric Uranus opposite Neptune. Over ninety percent of New Orleans was under water. The entire region was drastically affected by the flooding in the Delta.

In 1762, we find geocentric Uranus 135 Neptune. This was a major flood. For instance, the flood level in the city of Cincinnati was up 80 feet. The top of a church steeple was the only thing sticking out of the water in the little town of Cincinnati.

In 1821 (geocentric Uranus conjunct Neptune), we had another major flood. They called it the “worst flood of the century”. The reporters said that they had no words to describe the damage from this flood. They couldn’t even estimate the cost of the damage. People decided give major sections of land back to the Mississippi River. They would not farm the land, and they would not build towns on the land. The people realized that that the Mississippi River would always “win”.

After every major flood, the people appropriated a lot of money. They built higher levees. They built more dams. They cut channels in the Mississippi River, and they said it won’t happen again. It always happens again.

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The next flood in the table occurred in 1881 (geocentric Uranus trine Neptune). I wanted to show you that major floods could occur with “good” aspects like trines. You can have floods with conjunctions, oppositions, squares, sextiles, semi-squares, etc. If the aspect occurs in the spring, you will have a flood.

Please notice that we had a major flood in 1881, and another major flood in 1882. Due to retrogradation, we had the same aspect (geocentric Uranus trine Neptune) on Feb 26, 1881 and April 8, 1882. There are cases in which we had major floods three years in a row because the same aspect occurred in the spring of all three years. This shows that we don't have a “20-year cycle” in floods.

The floods in 1881-1882 were very famous. Mark Twain was alive during that time. He actually went down the Mississippi River on a steam boat, and said the Mississippi River was 75 miles wide at that time. The channel of the Mississippi River was 75 miles wide. In 1821, they said the Mississippi River appeared to be an inland sea.

The next flood in the table occurred in 1907 (geocentric Uranus opposite Neptune). This is the flood mentioned by Gann in The Tunnel Thru the Air. Please notice that we had a flood in 1907, and in 1908. Why? The same aspect occurred in the spring of both years.

Our next big flood occurred in 1927 (geocentric Uranus 150 Neptune). This is the one that Gann predicts in The Tunnel Thru the Air. They had a late spring and a major flood. There was over \$284 million in damage. It was estimated that 240 billion gallons of water came down the Mississippi River that spring. They had 1.8 million acres of land under water. A lot of people feel that this was one of the major causes of the Great Depression; the flood destroyed the economy through the Mississippi basin. This totally destroyed the cotton crops.

The next major flood occurred in 1935 (geocentric Uranus 135 Neptune). The same aspect occurred in the spring of 1936, and a second flood occurred. The flood in 1936 caused \$270 million in damage.

In 1943, we saw geocentric Uranus trine Neptune. A major flood occurred which caused \$172 million in damage.

In 1973, we saw geocentric Uranus semi-square Neptune. A major flood caused \$420 million dollars of damage. October cotton hit a high price of 99 cents at this time.

In 1979, a major flood occurred. Geocentric Uranus was semi-sextile Neptune on March 31, 1979.

Now we will turn our attention to 1993, and geocentric Uranus was conjunct Neptune on February 2nd. What happened in 1993? The same thing that occurred in 1821, approximately 173 years earlier. Once again, the Mississippi River looks like an inland lake. Many, many acres are under water and they are currently discussing buying the land from the farmers, giving it back to the river, and saying we won't grow crops there again and we won't build buildings there again. To date, the ticket for this flood is \$12 billion dollars, and the cost is still climbing.

As Gann says, what happens in the past will happen again. Like causes produce like results. The geocentric Uranus-Neptune aspects affect the Mississippi Valley if they occur in the spring.

However, the Mississippi is not the only river in the world affected by Uranus-Neptune aspects. If you look at aspects of Uranus-Neptune that occur in the fall, you will find floods of other major rivers, particularly in China. China has a river they call the River of Sorrow because it has killed so many people when it floods. When a Uranus-Neptune conjunction occurred in the fall, that river killed somewhere between 100 and 200 thousand people. The aspects affect more than just the Mississippi River.

In the United States, we need a Uranus-Neptune aspect in the “early spring”. I have found that “early spring” is usually after January 15th. January and February are the two best months for the “flood effect” of these aspects. The effect is still strong in March, and is weaker in April. April is almost “too late” for the aspect to have its effect. Our next aspect of Uranus-Neptune occurs on April 13, 2010. This is may be too late in the season to cause a flood. The aspect that caused the 1882 flood occurred on April 8th.

On June 10, 2009, geo Uranus will be semi-sextile Neptune. This aspect is too late to cause a flood of the Mississippi River. On January 15, 2027, we will have geocentric Uranus sextile Neptune. If you study our “flood history”, you will find that the aspect will be active. So our next major flood could be 2027.

The effect of the geocentric Uranus-Neptune aspects does not seem to be related to the signs. However, the aspect must occur in the “early spring”. There are a few things that can make the flood a “little worse” or a “little better”. One of our major floods saw a geocentric Uranus-Neptune aspect, Jupiter moving into Pisces, and a Full Moon. That was an absolute killer!

Poor Cotton Farmer

Now let's study another rule in the book. I call this rule the "Poor Cotton Farmer". Our cotton farmer had a bumper crop. Unfortunately, so did everyone else. So the price of cotton is very, very low. Gann gives us three hints for this trading rule.

The first hint is found on Page 16.

"But in 1920 cotton prices declined rapidly and his cotton brought very little, which again reduced them to poor circumstances."

The second hint is found on Page 26.

"When it turned out to be a good crop, the low prices of cotton in the Fall of 1926 left them in debt."

The final hint is found on Page 200.

"Also told the history of Daniel Sully; how he made \$10,000,000 to \$15,000,000 in the Cotton market, but by violating natural laws lost it all in a few days in the crash of Cotton in March, 1904, and then disappeared from the financial horizon."

Since these aspects are affecting rainfall or they're affecting the growth conditions for the whole year, the aspect happens in the spring. The final result of the aspect happens in the fall during harvest. These aspects will not happen on the high or the low of the market. They are going to affect the growing conditions for that market.

Gann gave us three hints – 1920, 1926, and 1904. We will go to the ephemeris, and find the aspect that gives us bumper cotton crops. To grow cotton, we need the right amount of rain. What would give us "good rain"? A Jupiter-Neptune aspect. A Uranus- Neptune aspect gives us (suddenly) too much water. A Jupiter-Neptune aspect gives us just the right amount. Let's see if we can prove this rule.

Gann made this very easy. He put all the trading rules in The Tunnel Thru the Air. And he put all the data we need in books like How to Make Profits in Commodities. Many of his books contain lists. This is the date, here's a high. This is the date, here's a low. This is the date, here's a high. He gave us the data so we can do the research we need. I obtained this information from pages 193-218 of How to Make Profits in Commodities.

In 1844, cotton had an extreme low of 5 cents a pound. Geocentric Jupiter was semi-sextile Neptune on April 27, 1844. Since this is rain during the growing season, you will find this class of aspects can happen a little later in the season. It's not required that they be more like January or February. They can be more like March-April.

On March 2, 1851, geocentric Jupiter was 135 degrees from Neptune. Cotton hit an extreme low of 8.25 cents in January 1852.

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On April 7, 1857, geocentric Jupiter was semi-sextile Neptune. Cotton hit an extreme low of 9.25 cents in January 1858.

In 1871, cotton hit the lowest low it had ever hit since 1860 (13.50 cents). On April 8, 1871, geocentric Jupiter was sextile Neptune.

In 1873, cotton hit another major low of 13.80. Geocentric Jupiter was trine Neptune on March 3, 1873.

Cotton hit another major low (6.20 cents) in 1896. Geocentric Jupiter was semi-square Neptune on February 26, 1896.

Geocentric Jupiter was square Neptune on March 14, 1904. This was a major low in cotton prices. On July 19th, cotton sold for 6.85. The cotton farmers were so disgusted that they burned the cotton in the fields. They did not even go to the effort of harvesting it. Hundreds of cotton farmers abandoned their farms and left. It was not worth cotton farming again. No one would ever want cotton ever again. They gave up.

Very low cotton prices occurred in 1920. Geocentric Jupiter was conjunct Neptune on March 8, 1920.

On April 17, 1926, geocentric Jupiter was opposite Neptune. In March 1927, cotton hit a low of 11.80. The government reports showed a record crop.

Now, let's move a little forward in time to the 1970s and 1980s. Cotton hit a major low of 25.20 cents in December 1970. Geocentric Jupiter was semi-sextile Neptune on April 29, 1970.

Cotton hit a major low of 26.59 in December 1972. On March 10, 1972, geocentric Jupiter was again semi-sextile Neptune.

Cotton hit a major low of 29.99 in July-August 1986. On March 16, 1986, geocentric Jupiter was sextile Neptune.

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When will we have other major lows in cotton? We have aspects in 1998, 1999, and 2000 that could generate possible major lows in cotton. These low prices would be due to bumper crops (production highs).

geo Jupiter 30 Neptune	February 5, 1998	
geo Jupiter 60 Neptune	February 27, 1999	
geo Jupiter 90 Neptune	March 16, 2000	
geo Jupiter 120 Neptune	July 27, 2000	(too late)
geo Jupiter 120 Neptune	December 9, 2000	(too late)
geo Jupiter 120 Neptune	April 5, 2001	(see Note #1) *
geo Jupiter 135 Neptune	June 14, 2001	(too late)
geo Jupiter 150 Neptune	August 15, 2001	(too late)
geo Jupiter 150 Neptune	January 20, 2002	
geo Jupiter 150 Neptune	May 1, 2002	(too late)
geo Jupiter 180 Neptune	September 11, 2002	(too late)
geo Jupiter 180 Neptune	February 16, 2003	
geo Jupiter 180 Neptune	June 3, 2003	(too late)
geo Jupiter 150 Neptune	October 16, 2003	(too late)
geo Jupiter 150 Neptune	March 4, 2004	
geo Jupiter 150 Neptune	July 9, 2004	(too late)
geo Jupiter 135 Neptune	September 15, 2004	(too late)
geo Jupiter 120 Neptune	November 29, 2004	(too late)
geo Jupiter 120 Neptune	March 14, 2005	(see Note #2) *
geo Jupiter 120 Neptune	August 17, 2005	(too late)
geo Jupiter 90 Neptune	January 28, 2006	
geo Jupiter 90 Neptune	March 16, 2006	
geo Jupiter 90 Neptune	September 24, 2006	(too late)
geo Jupiter 60 Neptune	October 30, 2007	(too late)

* Note #1: Cotton prices were very low in 2001.

* Note #2: West Texas had a bumper crop of cotton in 2005.

Please remember that I call this rule the “Poor Cotton Farmer”. He grew a lot of cotton, and no one wanted it. I grew up in West Texas, and our family had several cotton farms. I remember a few years in which the cotton was so thick that no one could harvest it. Every harvester was full, and cotton was flying around in the air. Cotton was along both sides of the road. It was hanging in the trees. It was on the fences, and in the bushes. It looked like it had “snowed” cotton. And that was great! Unfortunately, no one wanted to buy the cotton.

Rule #2 (the “Poor Cotton Farmer”) suggests that bumper cotton crops and low prices are related to geocentric Jupiter-Neptune aspects in the “middle” of spring. The aspect will occur in the spring to affect a growing season. The extreme low will occur during harvest time in the fall of the year. Cotton prices will fall most of the year as people realize we will have a great cotton crop.

Dry Cotton Farmer

Let's consider our two rules. Uranus-Neptune aspects cause "sudden" water (floods). Jupiter-Neptune aspects cause "good" water (bumper crops and low cotton prices). What would Saturn-Neptune aspects cause? Yes, our first guess would be droughts. We can use Gann's data to check the price of cotton, and we can use weather data to check for droughts. In order to cause a drought, we will need a Saturn-Neptune aspect to occur between late December and April.

In 1761, we had a major drought in the country. Geo Saturn was 135 degrees from Neptune on April 13, 1761. The next year, geo Saturn was again 135 degrees from Neptune on February 6, 1792. We had another major drought in 1762.

On April 13, 1816, geo Saturn was sextile Neptune. There was a major drought and crop failure in 1816.

The year 1860 is famous for the Kansas drought. Hundreds of people moved to Kansas to start over. They planned to start farming, and make a fortune. Many of these farmers gave up and left Kansas after the drought of 1860. They said you just can't make it in Kansas. On January 14, 1860, geo Saturn was inconjunct Neptune.

On March 11, 1863, geo Saturn was opposite Neptune. There was a major drought. Cotton hit the highest price it had ever seen – 91 cents. That is 91 cents in 1863 dollars. Why was cotton so high? First, there was a major drought. Second, the Civil War was disrupting the economy.

In 1869, cotton hit a high of 35 cents before a huge decline in price. On February 1, 1869, geo Saturn was trine Neptune.

On January 31, 1903, geo Saturn was inconjunct Neptune. The drought was so severe that cotton farmers planted their crops in a different manner. There was a little bug that grew in certain crops, and the farmers planted those crops next to the cotton. This little bug was called the boll weevil, and it decided that cotton tasted much better than the other crops. Suddenly, the cotton farmers had a major boll weevil infestation. The drought helped to cause a long-term problem with boll weevils.

A drought occurred in 1910, and on January 24th geo Saturn was square Neptune. A drought occurred in 1930, and on December 29, 1929 geo Saturn was trine Neptune. Geo Saturn was 135 degrees Neptune on February 21, 1931. A drought occurred in 1931.

The drought in 1933 was the famous Oklahoma Dust Bowl. On February 13, 1933, geo Saturn was inconjunct Neptune.

Let's move forward in time, and study the cotton prices. On February 2, 1976, geo Saturn was 135 degrees Neptune. In October 1975, cotton hit a high of 93.95 cents.

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In December 1980, cotton hit a high of 96.96 cents. Geo Saturn was square Neptune on March 26, 1980.

When will we have our next major high in cotton? We have the following aspects to consider.

geo Saturn sextile Neptune	March 15, 1996	
geo Saturn square Neptune	April 6, 1999	(rather late)
geo Saturn trine Neptune	June 25, 2001	(too late)
geo Saturn trine Neptune	January 23, 2002	
geo Saturn trine Neptune	April 2, 2002	
geo Saturn 135 Neptune	July 30, 2002	(too late)
geo Saturn 150 Neptune	September 5, 2003	(too late)
geo Saturn 150 Neptune	December 14, 2003	(too late)
geo Saturn 150 Neptune	June 24, 2004	(too late)
geo Saturn 135 Neptune	November 8, 2004	(see Note #1)
geo Saturn 150 Neptune	March 22, 2005	(see Note #2)
geo Saturn 180 Neptune	August 31, 2006	(too late)
geo Saturn 180 Neptune	February 28, 2007	(good time)
geo Saturn 180 Neptune	June 25, 2007	(too late)

* Note #1: Geo Saturn went retrograde at 27 Cancer 20.6 while geo Neptune was at 12 Aqu 40.0. This was not a “perfect” 135-degree aspect. It also happened too late in the year.

* Note #2: Geo Saturn went direct at 20 Cancer 23.7 while geo Neptune was at 16 Aqu 41.5. This was not a “perfect” 150-degree aspect, but a station will often make a “near aspect” more powerful. This station did occur in the “spring”. Selected areas of Texas and Oklahoma suffered a “mini-drought” in 2005. Both states had problems with fire due to the lack of rain. Ranchers in Texas had to move their cattle to Kansas during the fall and winter of 2005 because the cattle couldn’t find grass in Texas. The aspect was not “perfect”, and the drought was not “perfect”.

A question was asked, “I noticed the list doesn’t contain any conjunctions between Saturn and Neptune”. Bonnie answered, “Yes, there were some conjunctions. I just selected enough examples to fill a single page. I had several pages of data for each rule. I wrote one page of examples for each of the rules. Most people would assume that the conjunction was very powerful. So I selected other examples to show that aspects like 135 degrees were equally powerful.”

We said we would have a bumper crop of cotton in 1999 (geo Jupiter sextile Neptune). We also said we would have a drought in 1999 (geo Saturn square Neptune). Can we have both a bumper crop and a drought? We need to study the interactions between these two aspects. We don’t know which aspect will “win”, or whether they will “cancel” each other’s effects. We might have “good rain in the Spring”, and a “little drought” later in the year. We just don’t know without studying other instances in which both aspects occurred “near” the same time.

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Let's study what occurred in 2005. In Texas, we had both a bumper crop of cotton and a "mini-drought". During that year, we also had the following aspects.

geo Jupiter 120 Neptune	March 14, 2005	(see Note #1)
geo Jupiter 120 Neptune	August 17, 2005	(too late)
geo Saturn 150 Neptune	March 22, 2005	(see Note #2)

* Note #1: West Texas had a bumper crop of cotton in 2005.

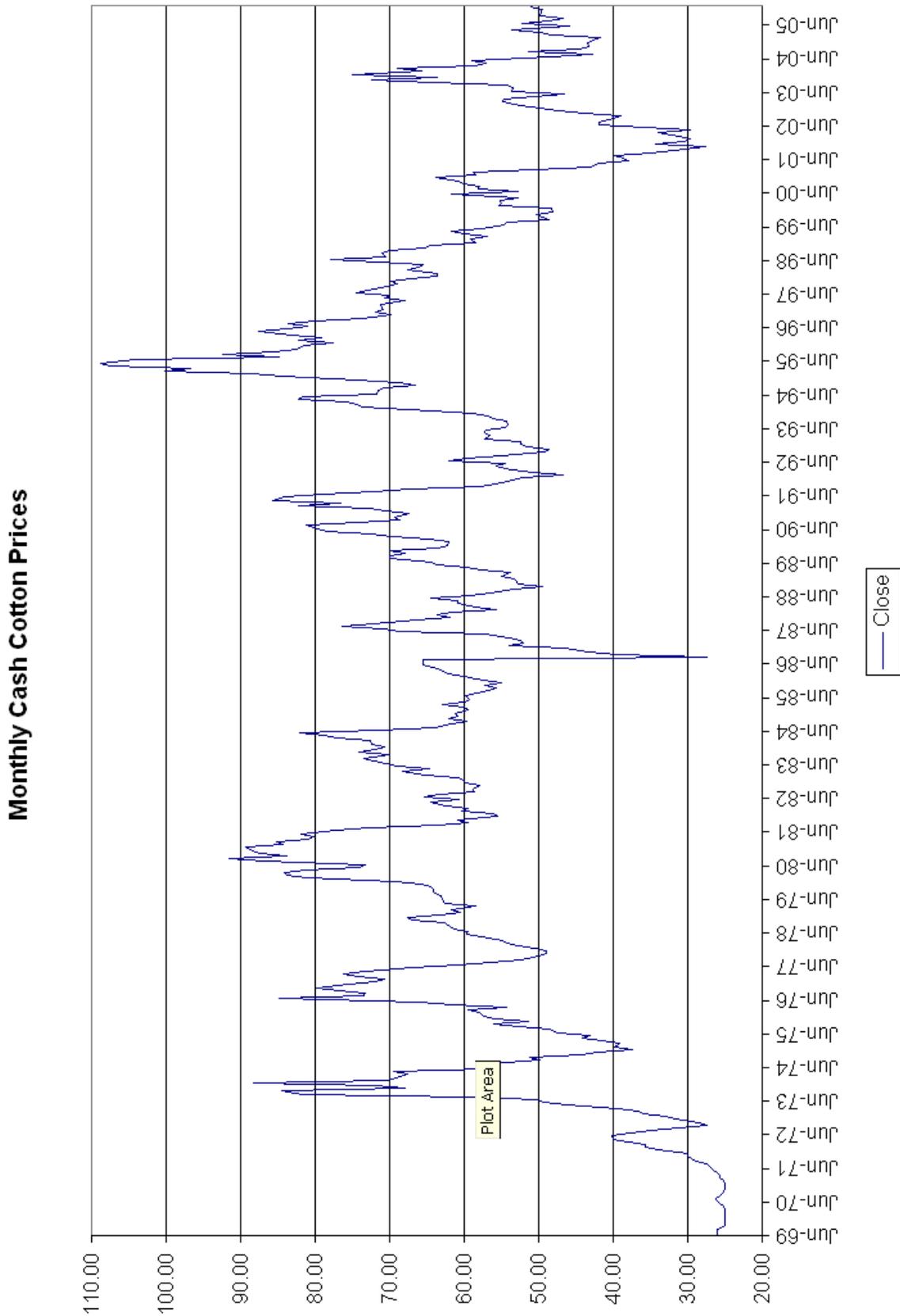
* Note #2: Geo Saturn went direct at 20 Cancer 23.7 while geo Neptune was at 16 Aqu 41.5. This was not a "perfect" 150-degree aspect, but a station will often make a "near aspect" more powerful. This station did occur in the "spring". Selected areas of Texas and Oklahoma suffered a "mini-drought" in 2005. Both states had problems with fire due to the lack of rain. Ranchers in Texas had to move their cattle to Kansas during the fall and winter of 2005 because the cattle couldn't find grass in Texas. The aspect was not "perfect", and the drought was not "perfect".

You must remember that the cotton market has changed dramatically since 1926. The market is much more global, and the weather patterns in the central United States do not affect prices to the extent they did when Gann wrote The Tunnel Thru the Air.

Gann realized that there should be a bumper cotton crop in 1926, and a major flood in 1927. Cash cotton moved from 6-7 cents up to 60 cents during that time. Gann traded that move in the futures market. He used the rules we have just studied to predict that move.

We have studied three rules – the "Wet Cotton Farmer", the "Poor Cotton Farmer", and the "Dry Cotton Farmer". In each case, a class of aspects occurred at a specific time of the year. In most cases, the aspect occurred in the "spring". The effects of that aspect were felt throughout the year. The extreme price (high or low) occurred near/after harvest time. You could call these the "Type A" trading rules. They give you the long-term trends. You get into the trade, move your trailing stops, and hang on for the ride.

The next page contains a chart which shows the monthly cash prices of cotton from 1969 through 2005. The major low in December 1986 is very obvious in the chart. Remember geocentric Jupiter was sextile Neptune on March 16, 1986.



Robert's Cotton Campaign

Gann also used shorter term aspects. He has a section in the book called the cotton campaign (scattered through pages 70-197). Geocentric Jupiter was opposite Neptune on April 17, 1926. This aspect follows our "Poor Cotton Farmer" rule, and suggests very low cotton prices in the coming months. Cotton prices were very low in the Fall of 1926 (page 26).

Geocentric Uranus was inconjunct Neptune on January 18, 1927. This aspect follows our "Wet Cotton Farmer" rule, and suggests very high cotton prices in the coming months. On the same day, we also had geocentric Jupiter entering Pisces, and a Full Moon.

We will now analyse the "Cotton Trades" discussed in the book. Our job is to find the astrological reasons for the trade. If you look at the page, you will see very few Full Moons or New Moons. We see planetary stations, etc. We also see reversals in declination – not necessarily from the maximum declination. For instance, geocentric Mercury does not smoothly move from maximum south declination to maximum north declination. There are a few "bumps in the road". When a planet actually hits an extreme in declination, I log it as such. Finally, we see certain geocentric aspects listed.

On December 4, 1926 there was a major bottom in cotton. On that date, we had geo Mercury SD, geo Mars SD, geo Uranus SD, geo Mercury move down in declination, and a New moon.

On January 18, 1927, geocentric Uranus was inconjunct Neptune. This is our "Wet Cotton Farmer" aspect. On the same date, geo Jupiter entered Pisces, and a Full Moon occurred. All the astrological triggers suggested "lots of water".

Page 70 tells us that Robert bought cotton at 13.80 on January 24, 1927. On that date, we have geo Sun conjunct Mercury, and the Moon at 0 South declination.

Page 94 tells us that cotton started up on February 23, 1927. On that date geo Mars entered Gemini, geo Mercury was parallel Venus, and the Moon was again at 0 South declination.

Cotton hit a top of 14.80 on March 2, 1927 (page 94). On that date, geo Mercury is a 0 North, geo Venus is at zero North, and the Moon is at zero North declination. Geo Mercury starts retrograde, and geo Mercury is parallel Venus. Finally, there is a New Moon. We again see a lot of "triggers".

Cotton makes a bottom at 13.75 on March 15, 1927 (page 94). On that date geo Mercury is at 0 South, and geo Mercury is semi-sextile Venus.

Robert buys July cotton at 13.90 on March 17, 1927 (page 96). On that date, geo Saturn SR, and geo Sun is parallel Mercury. The Moon is at 0 South declination, and it is Full.

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On April 20, 1927, the flood started (page 96). On that date, the Sun entered Taurus, and geo Mars is at maximum North declination.

On April 25, 1927, Robert buys July cotton at 15.40 (page 96). On that date, geo Mercury is at 0 North, geo Mercury is sextile Venus, and the Moon is at maximum South declination.

On May 7, 1927, July cotton is at 16.00 (page 101). On that date, geo Neptune SD, and geo Mercury enters Taurus.

July cotton makes a bottom on May 14, 1927. On that date, geo Venus enters Cancer, and is at maximum North declination. Geo Mercury is semi-square Venus, and the Moon is at 0 South declination.

Robert sells July cotton at 16.80 on June 1, 1927 (page 112). On that date, the Moon is at 0 North declination, and is New. Geo Mercury is semi-sextile Venus.

On June 7, 1927, Robert buys October and December cotton (pages 115 and 147). On that date, geo Venus and Mars enter Leo, and geo Jupiter enters Aries. Geo Mercury is at maximum North declination, and the Sun is parallel Venus. Finally, the Moon is at 0 South declination.

On June 10, 1927, Robert sells October and December cotton (page 172). On that date, geo Venus is conjunct Mars, and the Moon is at 0 South declination.

On June 25, 1927, Robert buys Oct and December cotton (page 195). The Sun enters Cancer, and the Moon is at 0 North declination.

On July 25, 1927, Robert sells October and December cotton, and the shorts December cotton at 19.20 (page 195). On that date the Sun enters Leo, and geo Mars enters Virgo. Geo Jupiter starts retrograde, and starts down in declination. The Moon is also at maximum North declination.

On July 30, 1927, Robert sells December cotton at 18.60 (page 195). Geo Mercury started direct on that day.

Robert bought December cotton at 17.35 on August 6, 1927 (page 195). On that date, geo Saturn started direct, and geo Jupiter was at 0 South declination.

On August 8, 1927, Robert bought December cotton at 17.30 (page 195). On that date, geo Venus was at 0 South declination.

Robert sold December cotton at 20.30 on August 9, 1927 (page 196). On that date, the Moon was at maximum South declination.

On August 13, 1927, Robert bought December cotton at 19.10 (page 196). This was the start of his cotton pyramid. On that date, geo Mercury entered Leo, and was at maximum North declination. There was also a Full Moon.

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On August 19, 1927, Robert bought December cotton at 20.10 (page 196). On that date geo Venus started retrograde, the Sun entered Virgo, and the Moon was at maximum North declination. Geo Mercury was also semi-square Venus.

On August 29, 1927, Robert bought more December cotton at 23.30 (page 196). On that date, geo Mercury entered Virgo, the declination of Venus started north, and the Moon was at 0 South declination.

On September 8, 1927, Robert sold December cotton at 24.40 (page 196). This was the major top in 1927. On that date, geo Sun was conjunct Mercury, and geo Mercury was conjunct Venus. This configuration is called Combust; it is usually associated with grains, not with cotton. The Moon was at maximum South declination.

Robert bought December cotton at 21.60 on September 13, 1927 (page 196). On that date, geo Jupiter entered Pisces, geo Mars was at 0 South declination, and the Moon was at 0 North declination.

On September 14, 1927, Robert sold December cotton at 22.60 (page 196). On that date, geo Mercury entered Libra, and geo Mercury was at 0 South declination.

On September 17, 1927, Robert sold December cotton at 21.60 (page 196). On that date, geo Mercury was parallel Venus, and geo Uranus was at 0 South declination.

Robert sold December cotton at 20.60 on September 21, 1927 (page 196). On that date, geo Mercury was semi-sextile Venus, and geo Venus was at 0 North declination.

On September 23, 1927, Robert bought December cotton at 20.60 (page 196). On that date, the Sun was parallel Venus, and the Sun entered Libra.

On September 28, 1927, Robert sold December cotton at 22.10 (page 196). On that date, the Moon was at 0 South declination.

On September 29, 1927, Robert bought December cotton at 21.30 (page 196). On that date, geo Mercury was semi-square Venus, and the Sun was anti-parallel Venus.

On October 3, 1927, Robert sold December cotton at 21.50 (page 196). On that date, geo Mercury entered Scorpio, geo Venus started direct, and the Moon was at maximum South declination.

On October 6, 1927, Robert bought the December cotton at 20.75 (page 197). He felt the market would be higher for the government report on October 8th.

As we study Gann's cotton trades, we notice certain aspects that occur on the day of his trades. We see extremes and reversals of declination. There are quite a few ingresses as well. There are aspects between the Sun, Venus, and Mercury. Cotton is in a bull market until September 8th (Combust). Then cotton enters a bear market.

There are approximately 12 trading rules “hidden” in Gann’s cotton trades. We need to isolate each rule, and study it. We will select one of the rules, and analyse it. Today we will concentrate on the declination of the Moon – 0 South, 0 North, maximum South, and maximum North.

The aspect that causes floods (geo Uranus inconjunct Neptune) occurs on January 18, 1927. Gann expects cotton to enter a bull market. After this date, Gann buys cotton when the Moon reaches 0 South declination (January 24th). In the book, you will find that Robert was disappointed because cotton went sideways for an entire month. Cotton finally started up on February 23, 1927. On that date, the Moon is again at zero South declination. As we look through Gann’s trades, we will find that he bought cotton when the Moon was at 0 South declination (in a bull market). Cotton switches from a bear market to a bull market. Then Robert sells cotton when the Moon is at 0 South declination.

Gann always analysed the “conditions” around an aspect and its effect. When did the aspect occur during the calendar year? Did the aspect occur in a bull or bear market. The effect of the aspect was “modified” by the date during the year, and by current market conditions. Many people will make a list of all the Lunar 0 South declinations, and determine whether cotton made a top or bottom. The statistics will show that a top occurred about 50% of the time, and a bottom occurred about 50% of the time. The analysts will then feel that the Lunar declinations are not useful. If they had separated the data into bull markets and bear markets, they would have obtained a very different picture.

I studied daily cotton charts from January 1, 1990 through October 1, 1994. I used two contracts – July and December. I studied the four points of lunar declination. I separated the data into bull moves and bear moves, and determined what occurred during these four points of lunar declination. We will first consider the case in which cotton is in a bull market.

<u>Declination</u>	<u>% Bottoms</u>	<u>% Tops</u>	<u>% No Effect</u>
0 South	80%	17%	3%
Max South	32%	65%	3%
0 North	22%	75%	3%
Max North	47%	53%	0%

Next we will consider the case in which cotton is in a bear market.

<u>Declination</u>	<u>% Bottoms</u>	<u>% Tops</u>	<u>% No Effect</u>
0 South	52%	41%	7%
Max South	42%	52%	6%
0 North	68%	25%	7%
Max North	50%	43%	7%

We can use this information to make a very simple trading rule for cotton when it is in a bull market. Let's assume that cotton has been declining as the Moon moves into 0 South declination. You will buy cotton when the Moon reached 0 South declination. Place a stop below the purchase price, and let cotton run. Cotton has a 65% chance of reaching at top when the Moon hits maximum South declination.

At this point, you could move your stop loss very close to the actual price. If cotton declines, it will hit your stop and you will keep most of your profits. If cotton keeps advancing, there is at very good chance that the high will occur when the Moon reaches 0 North declination. I would seriously consider taking my profits when the Moon reaches 0 North declination. If cotton is truly in a bull market, it will make another bottom when the Moon again reaches 0 South declination.

In our very simple trading rule, we have ignored everything except the declination of the Moon. That is a little dangerous in real trading. However, we are studying these rules one at a time to determine how the aspects function in a particular market.

In the real world, we will have a Venus station, Mars ingress into Aries, and a Lunar 0 South declination all in the same day. We must determine what each of these aspects suggest separately, and then how they react when they occur together. This is similar to our earlier question – what happens when “Wet Cotton Farmer” and “Dry Cotton Farmer” aspects occur at the same time.

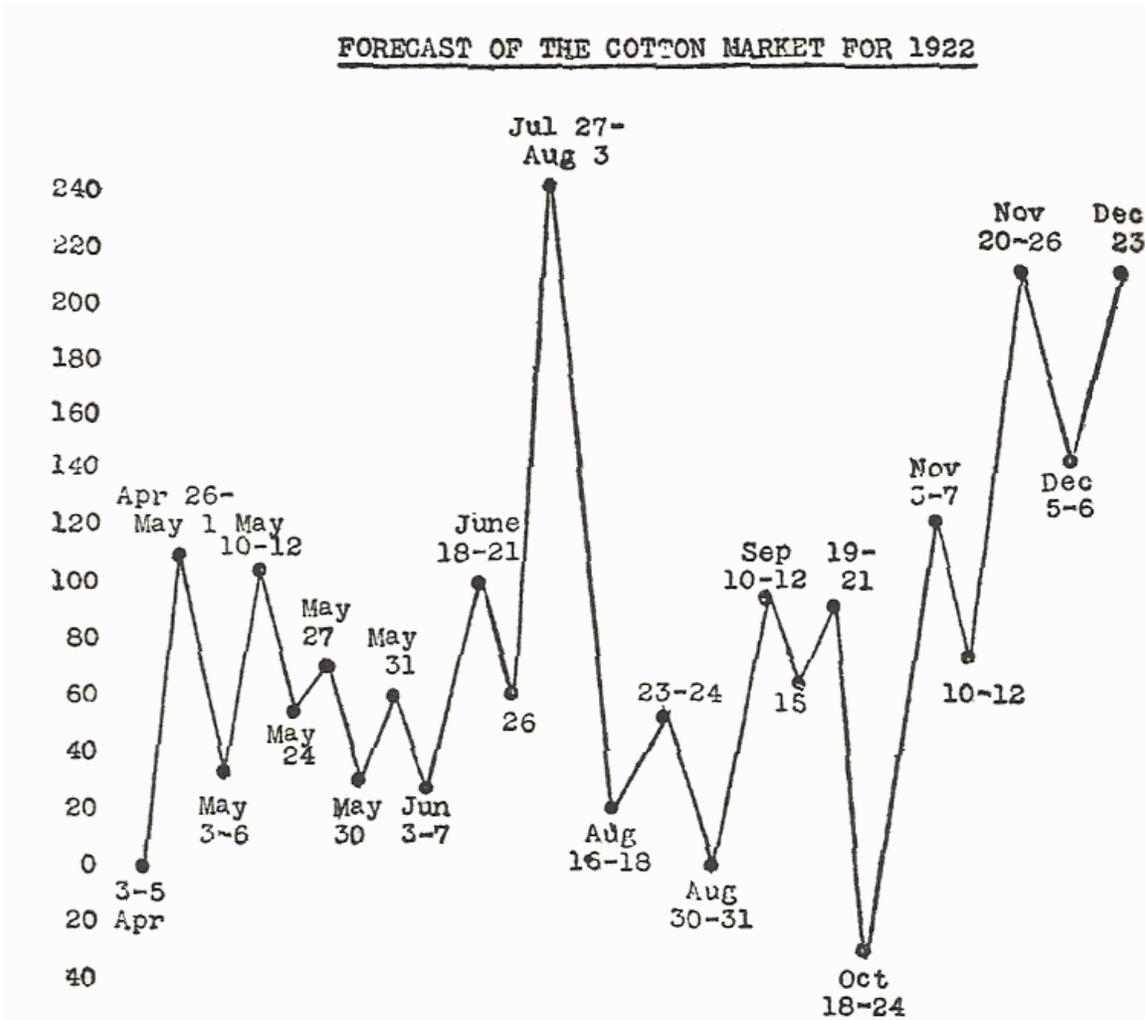
You need a lot of data to determine what happens during these “interactions”. This is why Gann studied over 1000 years of wheat data, and over 400 years of cotton data. He needed to study major aspects when they occurred (1) by themselves, and (2) with other major aspects.

An audience member asked my criteria for a “bull” or “bear” market in the Lunar Declination study. I explained my procedure. I printed a large chart of the daily price action, and laid it on the table. I then looked at the chart, and defined the market action “by eye”. I drew a few trendlines, but I didn't use any complicated analysis. I also did not “consult” any of the other eleven rules. I did not assume that I could “see” a reversal had just occurred.

We have studied three “weather rules”, and one “trading rule” for cotton. We have also seen hints of about 11 other trading rules for cotton. Each of these trading rules needs to be analysed like the lunar declination.

Forecast of the Cotton Market for 1922

Let's see if we can apply these rules to another forecast in one of Gann's books. We will select a chart from the Truth of the Stock Tape, page 34 of the Appendix. This chart comes from the "Annual Forecast of 1922".



This forecast was generated in December 1921, and published in 1923 as an appendix to the Truth of the Stock Tape.

If you study this chart, you will realize it is rather odd. The prices run from -40 to 240. Gann is not suggesting that cotton will have a negative price. Gann used the price on April 3-5th as the "base price" which he set to zero. This chart suggests that cotton will rise about 100 points between April 3-5 and April 26th-May 1st. Cotton should rise 240 points between April 3-5 and July 27th-Aug 3rd. Cotton should fall a total of 280 points from the high on July 27-Aug 3rd to the low on Oct 18-24th.

Gann studied the relationship of cotton prices and astrological/astronomical occurrences. He logged all the details – date, bull/bear market, and the size of the effect (number of points). After Gann had collected enough data, he could say that “on average, when the Moon hits zero south declination in a bull market, cotton will have a 40-point move”. He might have found that Jupiter conjunct Uranus would give him a 150-point move.

Gann would determine when various aspects occurred, and the size of each individual aspect. He then “added” the effects of these aspects, and determined how large the entire move should be. That is how he calculated the “total size” of a move.

Gann discussed the results of his prediction on page 36 of the appendix to the Truth of the Stock Tape. Gann’s comments are quoted below.

This is an exact reproduction of the Cotton Forecast sent out April 25, 1922.

Note that the Forecast called for low prices April 3-5. The last reaction and low price was made on April 2, after which the trend continued up, subject to reactions, until August 1.

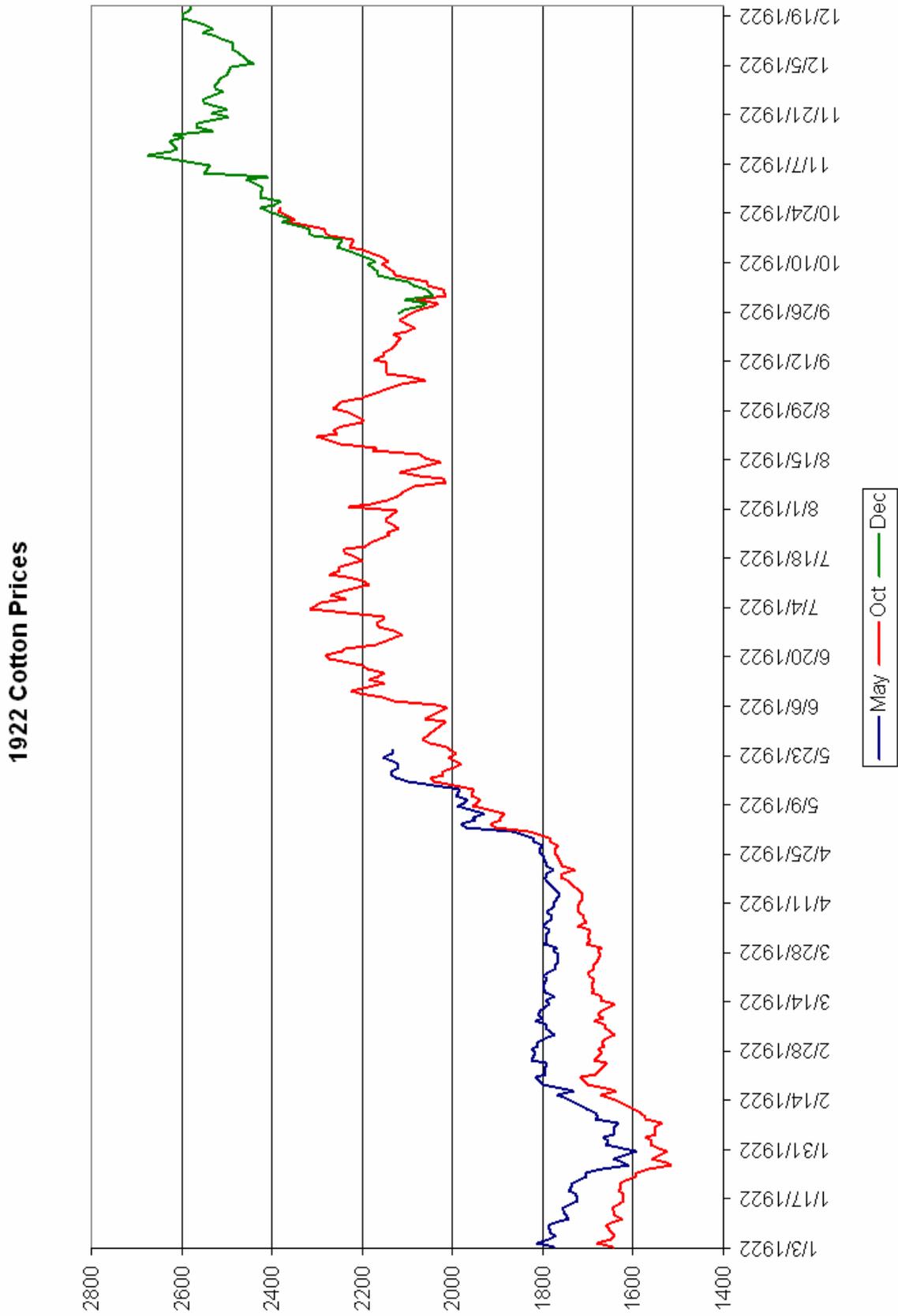
You will see that the top of the summer bull campaign was predicted for July 27 to August 3. The exact high price was made on August 1, from which a big decline followed, as forecasted.

A correction was made in the October Supplement, which advised that the trend had turned up and that prices would not come down to the level indicated for October 18-24.

The Supplement for November called for the top and change in trend about November 8. The exact high price was made on November 9, when the trend turned down.

Cotton made exact low price on December 6 and rallied to December 23, as predicted in the Forecast.

I collected the price data for the May, October, and December 1922 futures contracts. The chart on the next page shows how cotton traded in 1922.



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Gann's Cotton Forecast was very good at predicting the reversals, but not "perfect" at predicting the magnitude of a price move. This "imprecision" was due to more than one factor.

Gann called the first factor "lost motion". Let's assume that Aspect A was worth +10 points, and Aspect B was worth +50 points. If both aspects occurred at the same time, Gann predicted a +60-point move. However, cotton moved only 52 points. The difference between the prediction and reality was called "lost motion". The effects of two aspects could not be determined by simply "adding" their separate effects. In Gann's early predictions, you will find that he used "simple arithmetic". In his later predictions, you will find that Gann considered "lost motion" in his predictions.

Now we will generate Gann's prediction for the 1922 cotton market. Since we only have an hour, we will not determine how many points each aspect is worth. We will look at the turning points on the chart, and determine the astrological reason for that reversal.

First we will consider geocentric Venus ingresses (0 GMT).

<u>Date</u>	<u>Prediction</u>	<u>Astrological Reason</u>	<u>Date (GMT)</u>
4/3-4/5	Bottom	G Venus Taurus	4/6/1922
4/25-5/01	Top	G Venus Gemini	5/1/1922
5/24	Bottom	G Venus Cancer	5/25/1922
6/18-6/21	Top	G Venus Leo	6/19/1922
		G Venus Virgo	7/15/1922
		G Venus Libra	8/10/1922
		G Venus Scorpio	9/7/1922
		G Venus Sag	10/10/1922
11/3-11/7	Top	G Venus Start Retrograde	11/4/1922
		G Venus Start Direct	12/15/1922

Next we will consider the geocentric Mercury ingresses (0 GMT).

<u>Date</u>	<u>Prediction</u>	<u>Astrological Reason</u>	<u>Date (GMT)</u>
5/3-5/6	Bottom	G Mercury Gemini	5/7/1922
5/31	Top	G Mercury Cancer	6/1/1922
6/3-6/7	Bottom	G Mercury Start Retrograde	6/5/1922
		G Mercury Start Direct	6/29/1922
		G Mercury Cancer	7/13/1922
7/27-8/03	Major Top	G Mercury Leo	7/31/1922
8/16-8/18	Bottom	G Mercury Virgo	8/15/1922
		G Mercury Libra	9/2/1922
		G Mercury Scorpio	10/1/1922
		G Mercury Start Retrograde	10/3/1922
10/18-10/24	Bottom	G Mercury Start Direct	10/24/1922
11/3-11/7	Top	G Mercury Scorpio	11/8/1922
11/20-11/26	Double Top	G Mercury Sag	11/27/1922
		G Mercury Cap	12/17/1922

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The following table contains all the other geocentric ingresses and stations of interest during 1922 (0 GMT).

<u>Date</u>	<u>Prediction</u>	<u>Astrological Reason</u>	<u>Date (GMT)</u>
6/3-6/7	Bottom	G Saturn Start Direct	6/3/1922
“	“	G Mercury Start Retrograde	6/5/1922
“	“	G Jupiter Start Direct	6/6/1922
6/18-6/21	Top	G Uranus Start Retrograde	6/18/1922
“	“	G Venus Leo	6/19/1922
“	“	G Sun Cancer	6/22/1922
8/23-8/24	Top	G Sun Virgo	8/23/1922
9/10-9/12	Top	G Mars Capricorn	9/13/1922
10/18-10/24	Bottom	G Mercury Start Direct	10/24/1922
“	“	G Sun Virgo	10/24/1922
11/3-11/7	Top	G Venus Start Retrograde	11/4/1922
11/20-11/26	Double Top	G Uranus Start Direct	11/19/1922
“	“	G Neptune Start Retrograde	11/21/1922
“	“	G Sun Sag	11/23/1922
“	“	G Mercury Sag	11/27/1922
12/23	Double Top	G Sun Capricorn	12/22/1922

The following table lists some interesting aspects in 1922 (0 GMT).

<u>Date</u>	<u>Prediction</u>	<u>Astrological Reason</u>	<u>Date (GMT)</u>
4/25-5/1	Top	G Venus 150 Mars	4/26/1922
5/30	Bottom	G Mercury Venus	5/29/1922
6/18-6/21	Top	G Sun 0 Mercury	6/18/1922
6/26	Bottom	G Mercury 45 Venus	6/26/1922
7/27-8/3	Major Top	G Jupiter 150 Uranus	7/30/1922
8/16-8/18	Bottom	G Jupiter 60 Neptune	8/19/1922
8/23-8/24	Top	G Mercury 30 Venus	8/23/1922
“	“	G Mercury ^ Venus	8/23/1922 *
9/10-9/12	Top	G Sun 30 Neptune	9/10/1922
10/18-10/24	Bottom	G Mercury 45 Venus	10/17/1922
11/3-11/7	Top	G Mercury 45 Venus	11/5/1922
11/10-11/12	Bottom	G Sun 90 Neptune	11/11/1922
“	“	G Venus 60 Mars	11/12/1922
11/20-11/26	Double Top	G Sun 0 Venus	11/25/1922
12/5-12/6	Bottom	G Sun 0 Mercury	12/6/1922
12/23	Double Top	G Mercury 45 Venus	12/23/1922

* ^|| is used to denote “antiparallel” or “contraparallel”.

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You should also check the maximums and minimum of lunar declination. Once again, you will notice that we have bottoms at zero south declination. Major tops occur in the time between zero south to maximum south declination. A strong aspect (e.g., Jupiter-Uranus aspect) will be much more powerful than a lunar declination.

The next table lists the some of the aspects we should consider (0 GMT).

<u>Date</u>	<u>Reversal</u>	<u>Aspect</u>	<u>Aspect</u>	<u>Aspect</u>
4/3-4/5	Bottom	G Ven Taurus		G Moon max North
4/25-5/1	Top	G Ven 150 Mars	G Ven Gemini	G Moon max North
	“	New Moon		
5/3-5/6	Bottom	G Merc Gemini		G Moon 0 South
5/10-5/12	Top	Full Moon		
5/24	Bottom	G Ven Cancer		
5/27	Top	New Moon		G Moon max North
5/30	Bottom	G Merc Ven		
5/31	Top	G Merc Cancer		
6/3-6/7	Bottom	G Sat SD	G Merc SR	G Moon 0 South
	“	G Jup SD		
6/18-6/21	Top	G Sun 0 Merc	G Urn SR	G Moon 0 North
	“	G Ven Leo	G Sun Cancer	
6/26	Bottom	G Merc 45 Ven		G Moon max North
7/27-8/3	Major Top	G Jup 150 Urn		G Moon 0 South
	“	G Merc Leo		G Moon max South
8/16-8/18	Bottom	G Merc Virgo	G Sat 0 South	G Moon max North
	“	G Jup 60 Nept		
8/23-8/24	Top	G Merc 30 Ven	G Mer ^ Ven	G Moon 0 South *
	“	G Sun Virgo		
8/30-8/31	Bottom	G Merc 0 South		G Moon max South
9/10-9/12	Top	G Sun 30 Nept	G Mars Cap	
9/15	Bottom			G Moon max North
9/19-9/21	Top	New Moon	Eclipse	G Moon 0 South
10/18-10/24	Bottom	New Moon	G Merc 45 Ven	G Moon 0 South
	“	G Sun Virgo	G Merc SD	
11/3-11/7	Top	Full Moon	G Ven SR	G Moon max North
	“	G Merc 45 Ven	G Merc Scorpio	
11/10-11/12	Bottom	G Sun 90 Nept	G Ven 60 Mars	
11/20-11/26	Double Top	G Urn SD	G Nept SR	G Moon max South
	“	G Sun Sag	G Sun 0 Ven	G Merc Sag
12/5-12/6	Bottom	Full Moon	G Ven 90 Mars	G Moon max North
	“	G Sun 0 Merc		
12/23	Double Top	G Sun Cap	G Merc 45 Ven	

* ^|| is used to denote “antiparallel” or “contraparallel”.

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As you study the previous table, you will find “sets” of patterns like the Mercury-Venus aspects. Occasionally Gann had a situation in which he expected a reversal, but he didn’t have a “strong” aspect. In such cases, Gann would use the Full or New Moon. This aspect was rather low of his priority list. Because of the retrogrades, you will find cases in which the aspect is “repeated”. If you study Gann’s charts, you will be able to generate Gann’s forecasts.

Declination

We have studied two classes of predictions – broad predictions such as floods, and very specific predictions such as a small reversal in cotton prices. The Tunnel Thru the Air contains many other references to Astrology. Page 78 of The Tunnel Thru the Air contains the following passage.

In every law of nature there is a major and a minor; a positive, a negative, and a neutral. Therefore, in cycles there must be a lesser, a greater and intermediate cycle, or cycles within cycles. Like Ezekiel says: “Wheel within a Wheel”.

A “positive, negative, and neutral” refer to declination (max North, max South, and zero declination). A “major and a minor” refer to a big planet and a little planet. A “major and a minor” also refer to a large cycle and a small cycle. Gann writes equivalent things in his other material. Page 80 of Gann’s Commodity Trading Course contains the following statements.

Every movement in the market is the result of a natural law and of a cause which exists long before the effect takes place and can be determined years in advance.

Everything has a major and a minor, and in order to be accurate in forecasting the future, you must know the major cycle, as the most money is made when extreme fluctuations occur.

You will find references to declination cycles throughout Gann’s books. He will refer to the positive, negative, and neutral. We will look at a few of Gann’s examples which I call “extremes of declination”. Our first example is found on page 79 of The Tunnel Thru the Air.

History shows that in 916 agriculture in the British Isles was at its lowest ebb and that there was great scarcity of wheat and corn. Very few people were engaged in tilling the soil on account of wars.

The same conditions prevailed 1000 years later in 1916 and 1917, when this country was called on to furnish food to starving Europe and send men and money to save their armies from defeat.

Our job is to determine what is “similar” between 916 and 1916. We will consult the ephemeris. We find that geocentric Saturn was at maximum North declination in March during both 916 and 1916. Since Saturn’s sidereal year is 29.457 years, it is very uncommon for geocentric Saturn to be at maximum North declination in March. Again, our astrological “sign” occurs in the spring.

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On page 202 in The Tunnel Thru the Air, Gann discusses the great bull market from 1924 through 1927.

He went back into the stock market and in the great Coolidge Bull Campaign from 1924 to 1927 was again a dominant factor in General Motors and other stocks and was reputed to have made fifty millions, or more.

Again, we must determine what Gann is suggesting by these statements. We check the geocentric ephemeris, and find the following.

March-April 1924	G Jupiter max South declination
	G Uranus in South declination during all of 1924
July 8, 1927	G Jupiter 0 North declination
May 1, 1927	G Uranus 0 North declination

The declination of both planets is “increasing” during the 1924-1927 bull market. There are many hidden references to declination in this book.

Major Motors

We have studied three “weather rules” – the “Poor Cotton Farmer”, the “Wet Cotton Farmer”, and the “Dry Cotton Farmer”. We have also studied examples of short-term cotton trades, and declinations of the major geocentric planets. Now we will turn our attention to short-term trades of a specific stock. Gann gives us the following hints.

Page 201 in The Tunnel Thru the Air

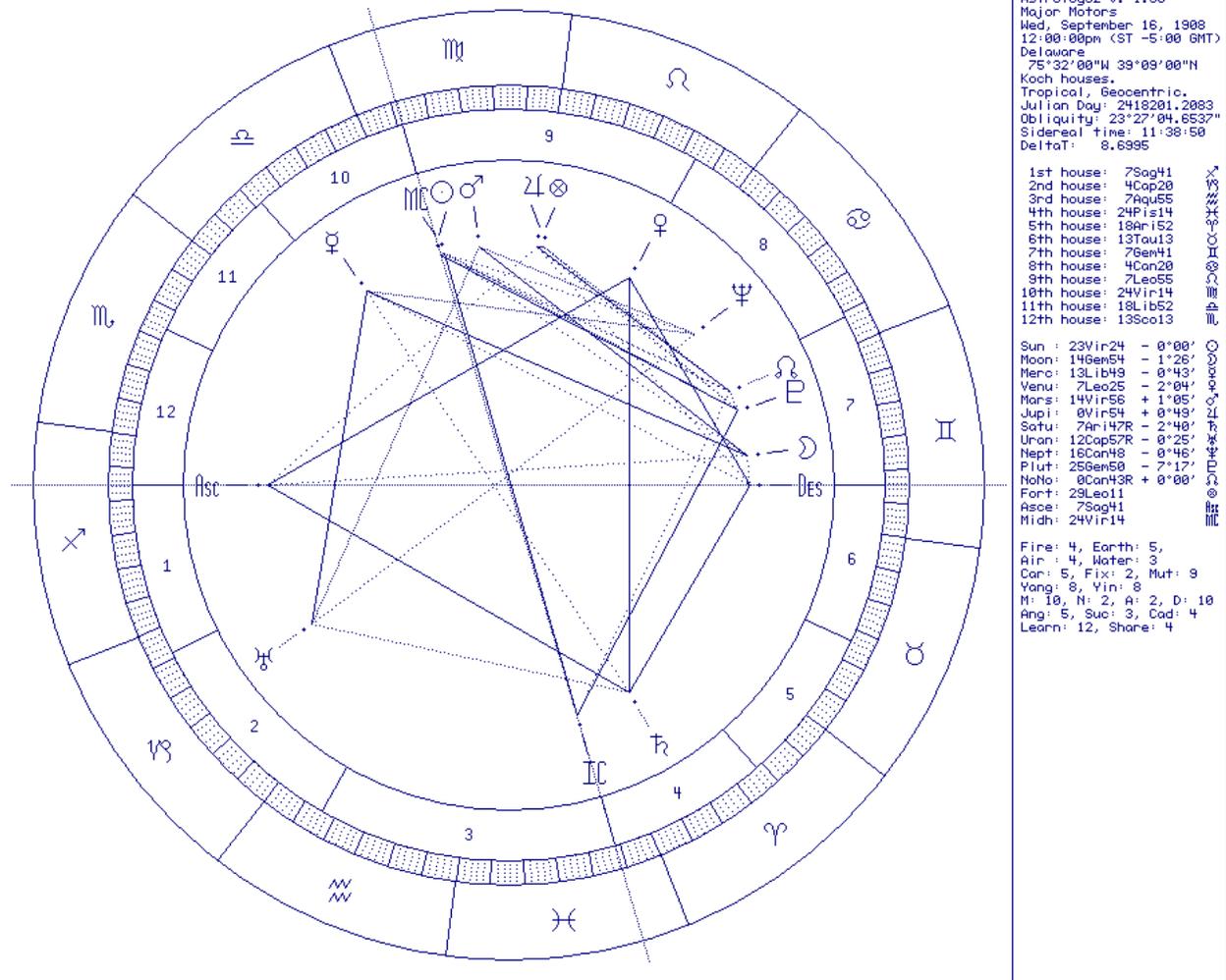
Mr. Watson also told Robert how Durant had become the giant motor magnate and formed the General Motors Corporation in 1908 . . .

Page 197 in The Tunnel Thru the Air

On this day he made a new and great discovery of a time factor from which he figured that Major Motors would decline until June 30th and then start an advance which would last until about September 16, 1927, when the Company would be 19 years old . . .

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The following natal chart was cast for September 16, 1908 at 12 noon EST. This is the natal chart for Major Motors (General Motors).



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On pages 197-199, Gann describes “Robert Gordon’s Great Campaign in Major Motors”. We will analyse each of Robert’s trades. The following table contains the date, trade, and astrological aspects.

<u>Date</u>	<u>Action</u>	<u>Astrological Aspects</u>	<u>Lunar Aspects</u>
6/30/1927	Buy GM @ 192.50 Major Bottom	G Sun 150 N ASC G Sun 30 N Venus G Sun 90 N Saturn G Venus 30 N MC G Mars 30 N Mars	G Moon max North New Moon, Eclipse
7/15/1927	Buy GM @ 204 Start pyramid	G Sun 135 N ASC G Mars 30 N MC G Jupiter 0 Uranus	G Moon max South Full Moon
7/21/1927	Buy GM @ 214	G Mars 135 N Uranus	G Moon 0 North Quarter Moon
7/26/1927	Buy GM @ 224	G Mercury 135 N ASC G Mars 0 N Jupiter	G Moon max North
8/5/1927	GM up to 230 Raised stop to 225	G Mars 90 N ASC G Saturn SD	Quarter Moon
8/8/1927	Stop loss was hit	G Venus 75 N ASC G Venus 0 South	
8/12/1927	Buy GM @ 218	G Venus 0 N MC G Jupiter 0 G Uranus G Mercury Leo	Full Moon
8/20/1927	Buy GM @ 228	G Venus SR	Quarter Moon
8/24/1927	Buy GM @ 238	G Mercury 105 N ASC G Sun 0 N Jupiter G Sun Virgo	G Moon max South
8/26/1927	Buy GM @ 248	G Venus 0 N MC	New Moon
9/7/1927	GM is at 253	G Pluto 0 N Neptune G Mercury 0 Venus	G Moon max South
9/14/1927	Buy GM @ 258	G NN 90 N Sun G Mars 0 South G Mars 180 G Uranus G Mercury Libra	G Moon 0 North
9/16/1927	Sell GM @ 272 Birthday of GM	G Sun 0 N Sun G Mercury 0 South G Uranus 0 South	
...	
12/19/1927	Bottom in GM	G Mars 0 N ASC	

If you study the prices, you will notice that Gann is building a “pyramid”. He buys GM at 204, 214, 224, and then can’t buy at 234. Gann’s stop is hit. He then starts a second pyramid, and buys at 218, 228, 238, 248, and 258.

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A major bottom occurs when geocentric Sun is square natal Saturn. Gann sells when geocentric Sun is conjunct the natal Sun, and two planets are at zero South declination. The bottom occurs when geocentric Mars is conjunct the Ascendant. Please notice that the geocentric Mars transits are very important. Gann also considers aspects that are multiples of 15 degrees. George Bayer also suggested the same thing; he used 0, 15, 30, 45, 60, 75, 90, 105, etc.

US Natal Chart

Gann also discusses aspects to the US natal chart. Gann gives us several hints concerning this chart. He states that the US Ascendant is Gemini.

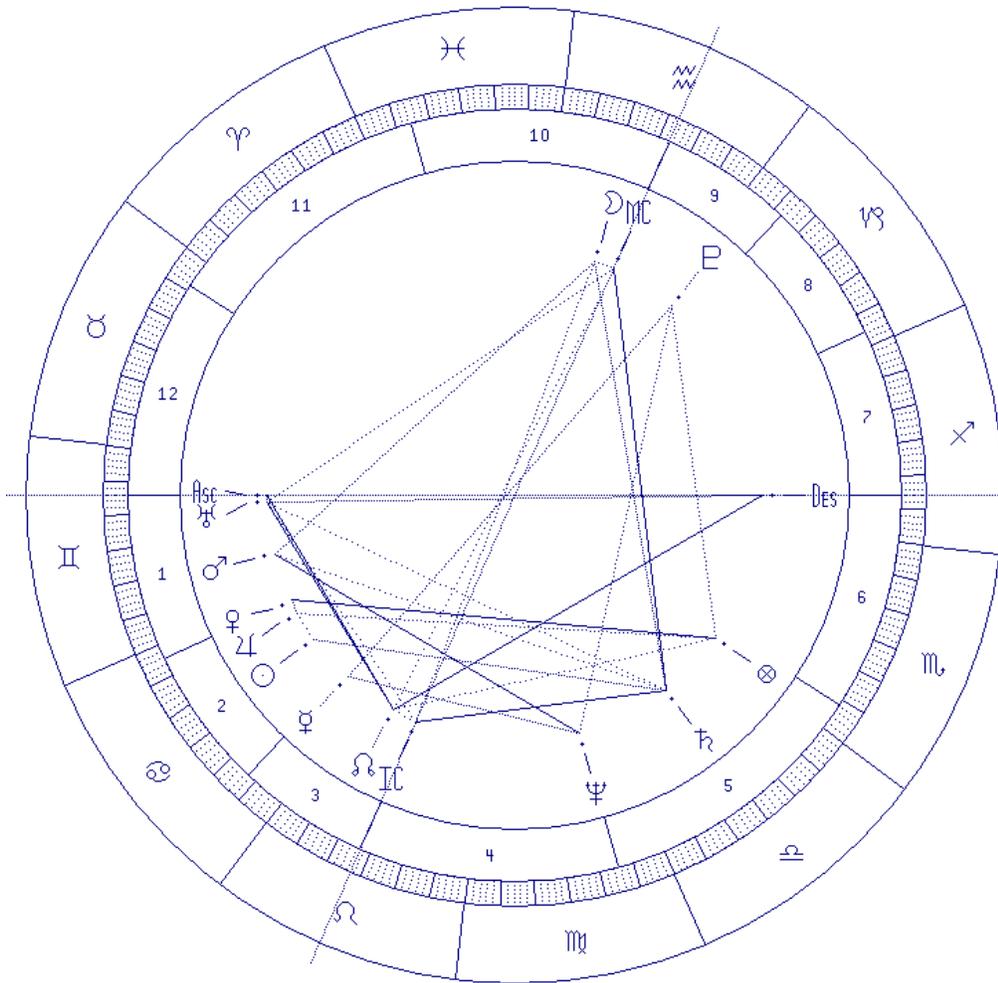
Page 313 of The Tunnel Thru the Air

On July 4, 1931, the people all over the United States were celebrating the victory at Cairo where the English and German battleships and hydroplanes had been destroyed.

Page 326 of The Tunnel Thru the Air

(Robert Gordon) was born under the sign which astrologers call the Ascendant Sign of the United States, the sign Gemini, ruled by Mercury, the Messenger of the Gods.

1994 Tunnel Lecture by Bonnie Lee Hill



Astrolog32 v. 1.30
 United States of America
 Thu, July 4, 1976
 2:13:00am (ST -5:00 GMT)
 Philadelphia
 75°08'00"N 39°57'00"W
 Koch houses.
 Tropical, Geocentric.
 Julian Day: 2369915.8007
 Obliquity: 23°27'58.9233"
 Sidereal time: 21:03:54
 DeltaT: 16.2276

1st house: 76em05 II
 2nd house: 20can12 ☉
 3rd house: 23can32 ☽
 4th house: 13leo30 ♁
 5th house: 22vir42 ♃
 6th house: 4sco12 ♄
 7th house: 7sag05 ♅
 8th house: 20cap12 ♆
 9th house: 23cap32 ♇
 10th house: 13aqu30 ♁
 11th house: 22pis42 ♁
 12th house: 4tau12 ♁

Sun: 12can44 - 0°00' ☉
 Moon: 18aqu09 - 1°03' ☽
 Merc: 24can28R - 3°44' ☿
 Venu: 20can20 + 0°04' ♀
 Mars: 206em57 + 0°22' ♂
 Jup: 5can48 - 0°04' ♃
 Satu: 14lib47 + 2°31' ♄
 Uran: 86em53 - 0°04' ♅
 Nept: 22vir25 + 1°15' ♆
 Plut: 27cap34R - 3°07' ♇
 NoNo: 7leo37R + 0°00' ♁
 Fort: 1sco39 ♁
 Asc: 76em05 ♁
 Midh: 13aqu30 ♁

Fire: 3, Earth: 2,
 Air: 6, Water: 5
 Can: 6, Fix: 5, Mut: 5
 Yang: 9, Yin: 7
 M: 2, N: 10, A: 8, D: 4
 Ang: 4, Suc: 5, Cad: 3
 Learn: 10, Share: 6

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Gann describes a war with Japan. He uses the incidents in the war to demonstrate aspects to the US natal chart. The following table contains a timeline of the war.

<u>Date</u>	<u>Page #</u>	<u>Action</u>	<u>Astrological Reasons</u>
4/--/1930	277	Japan declares war with the United States	G Mars 90 N Mars (April 11 th) G Mars 180 N Neptune G Uranus 90 N Sun
8/1/1930	285	El Paso was bombed	G Mars 30 N Sun
6/24/1931	311	Cairo, Ill destroyed	G Mars 30 N Mean North Node G Pluto 60 N Neptune
8/2/1931	315	St. Louis attacked	G Mars 15 N Saturn G Pluto 30 N Mars
10/2/1931	320	Chicago attacked	G Mars 105 N Mercury
	321	CBOT destroyed	G Pluto 30 N ASC
10/15/1931	338	US defied enemy	G Sun 120 N Mars G Neptune 90 N ASC
11/24/1931	347	US fought back	G Mars 60 N Moon
12/7/1931	349	Enemy attacked Detroit	G Mars 30 N Pluto G Saturn 150 N Mars
6/6/1932	358	Enemy attacked Boston	G Mars 90 N Moon
6/8/1932	362	Battle of NYC	G Mars 30 N Mars G Uranus 150 N Neptune
7/4/1932	383	Enemy attacked Washington DC	G Mars 0 N ASC G Mars 0 N Uranus
8/30/1932	407	World Peace Conference in NYC	G Venus 30 N Mars

You should notice a large number of Mars aspects during the war with Japan. Japan declares war when geocentric Mars is square natal Mars. The enemy attacks Washington DC (the “heart” of the US government”) when geocentric Mars is conjunct the Ascendant and Uranus.

Pluto is associated with “hidden riches in the ground”. The CBOT is destroyed when geocentric Pluto is semi-sextile the US Ascendant.

The United States defies the enemy when geocentric Neptune is square the US Ascendant. The US fights back when geocentric Mars is sextile the natal Moon (the people).

Other Astrological Techniques

Gann mentions astrological techniques throughout the book. As I have mentioned, this book is a “textbook” of astrology. I will give you a few examples.

Page 58 of The Tunnel Thru the Air

He had read where it says, “I will appoint a day for a year and a year for a day.”

This is an obvious reference to secondary progressions.

Page 177 of The Tunnel Thru the Air

The Professor (an astrologer named O. B. Joyful) made out his horoscope hurriedly and told him that Venus and Mars were in conjunction by transit in the sign Leo, which ruled the heart . . .

Gann is referring to geocentric transit-to-transit aspects.

Page 178 of The Tunnel Thru the Air

Professor Joyful told Robert that Venus progressed in the sign Leo, which rules the heart, would cause some great sorrows and heartaches when there were afflictions to it.

This is another reference to secondary progressions.

Page 247 of The Tunnel Thru the Air

Robert decided to write to a famous astrologer in Canada which he had heard of.

Gann is again suggesting the use of personal astrology and horoscopes.

Page 249 of The Tunnel Thru the Air

The progressed Mars is travelling toward a conjunction of Venus, the Goddess of Love, and when this is completed she will probably come back into your life.

Yet another reference to secondary progressions and Mars.

Page 197 of The Tunnel Thru the Air

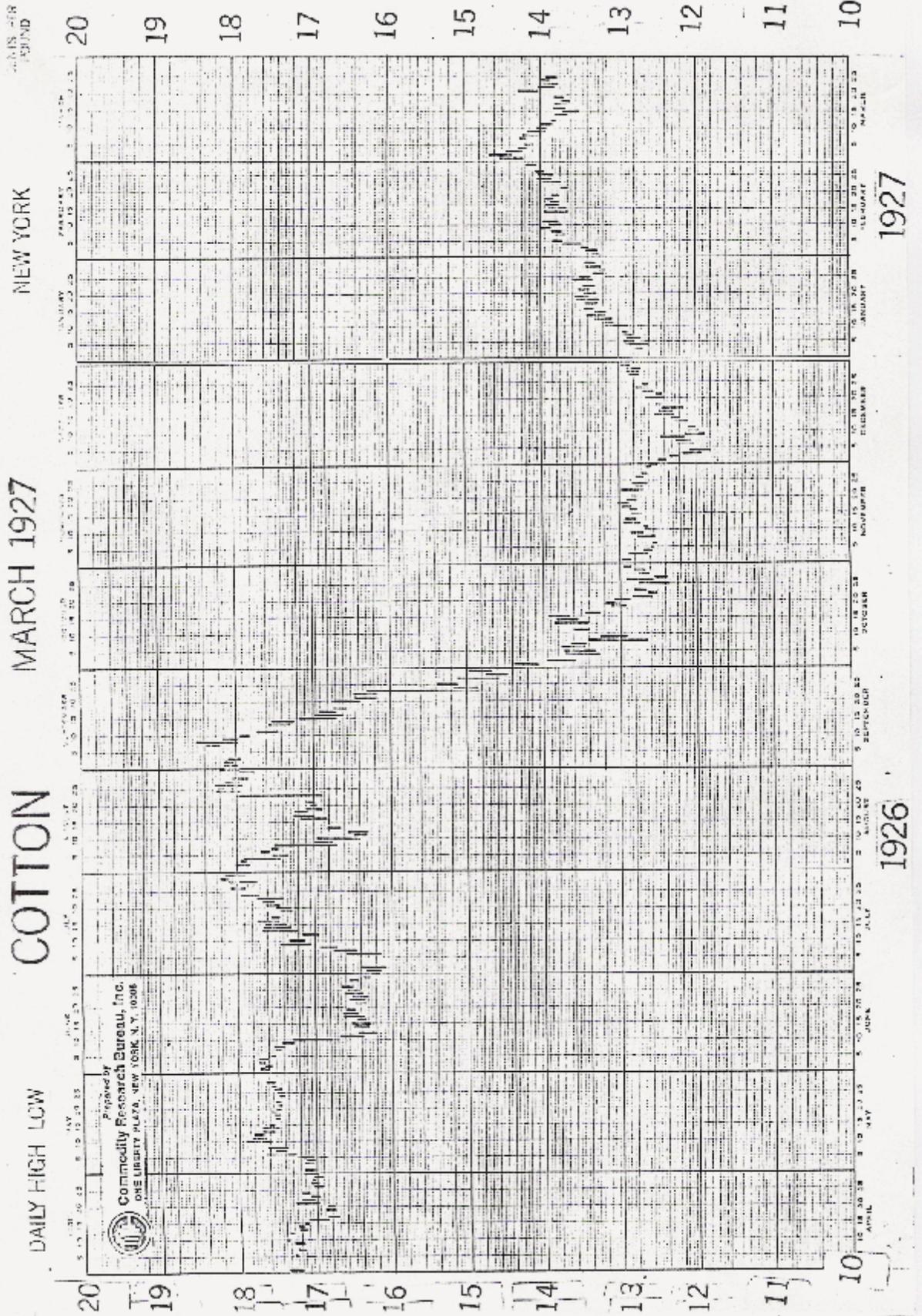
On this day he made a new and great discovery of a time factor from which he figured that Major Motors would decline until about June 30th and then start an advance which would last until about September 16th, 1927, when the Company would be 19 years old and at that time the stock would reach a final high and would then go down to February to April, 1929.

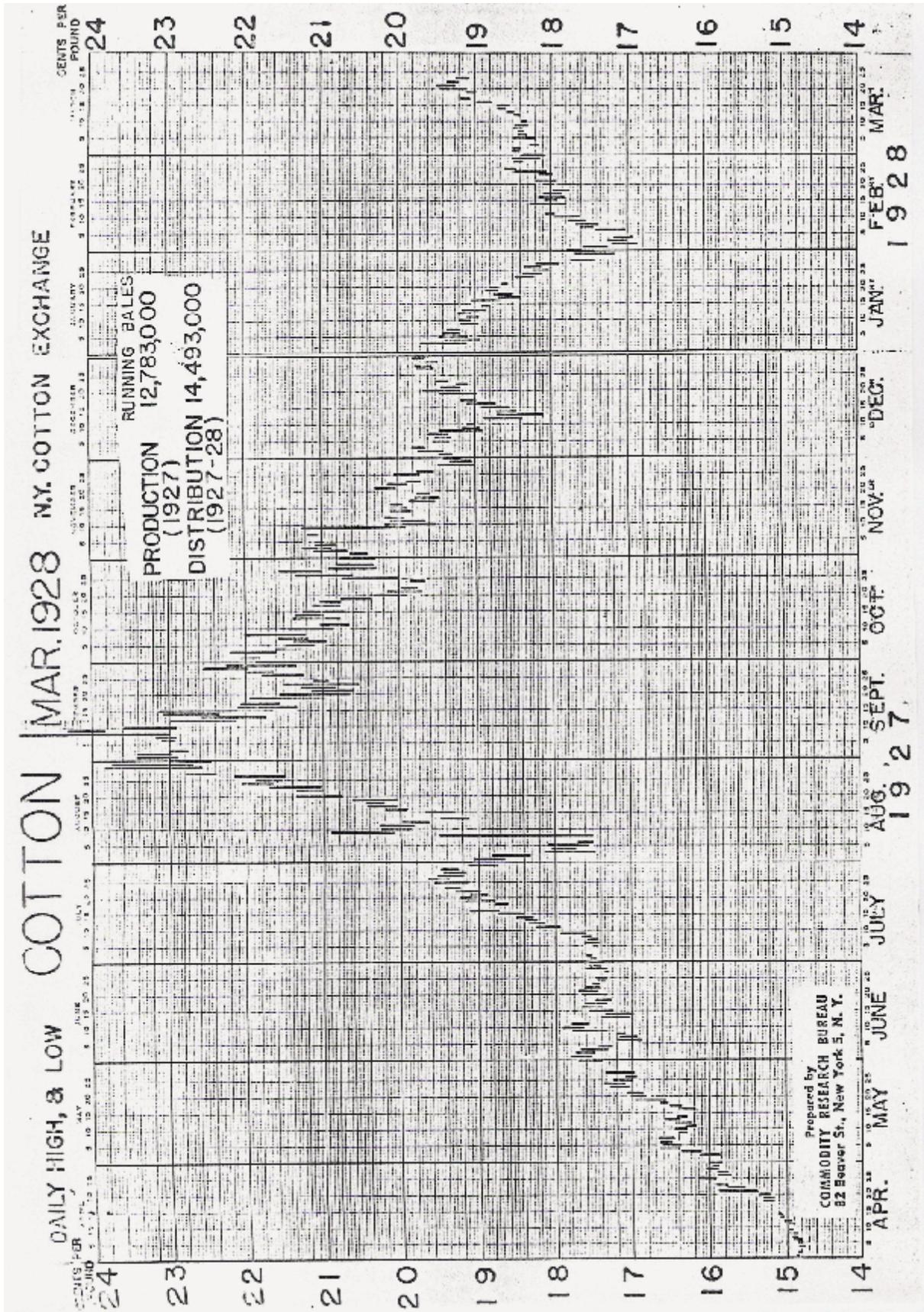
Gann describes a Solar Return by mentioning a company's "birthday". The phrase "19 years" obviously refers to the North Node Cycle of 18.6133 years.

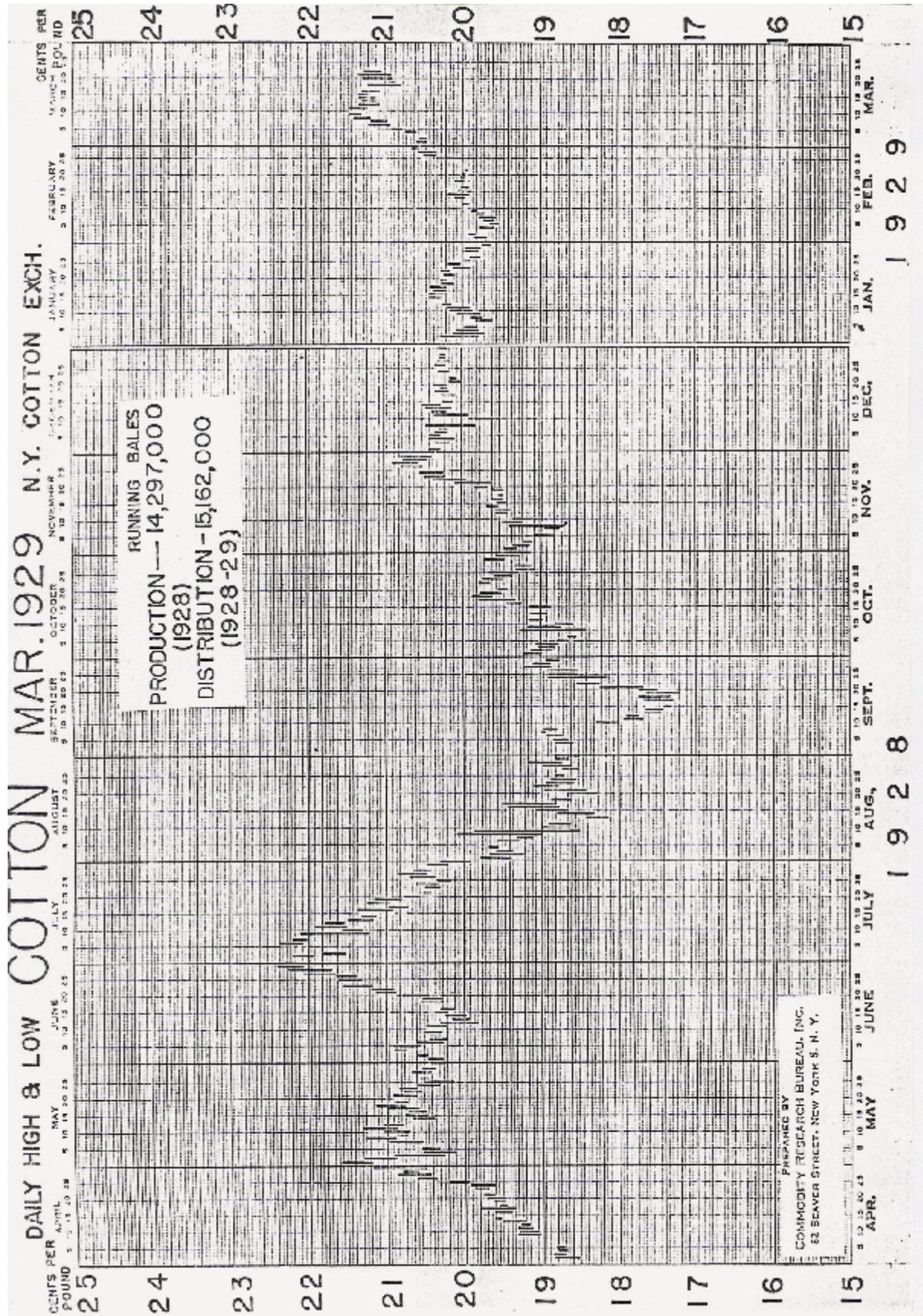
I have included the actual daily charts for cotton during 1927 through 1929. You can use these charts for further study. The last page contains a black-and-white copy of the original book jacket.

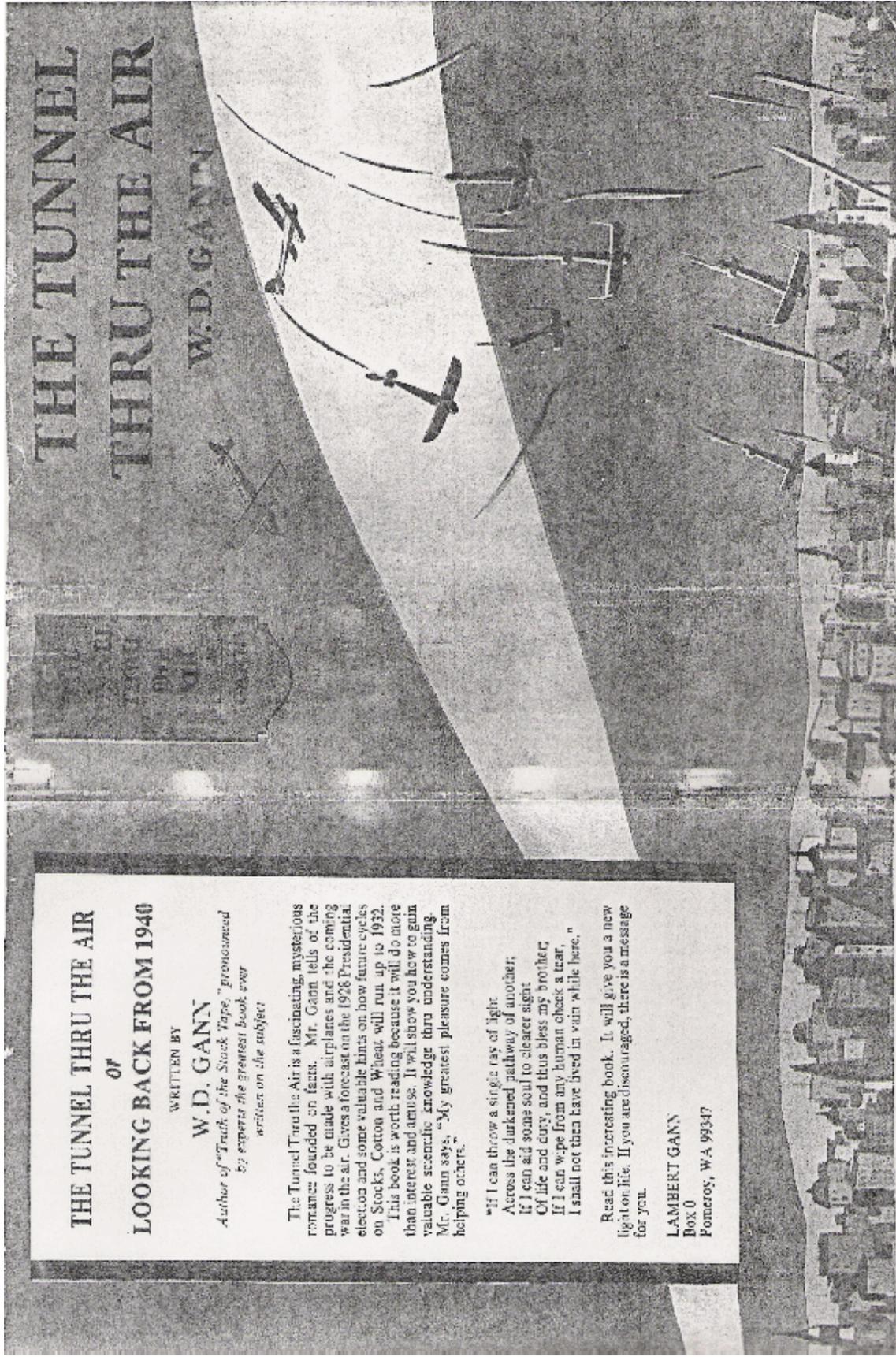
Good luck in your research.

Bonnie Lee Hill
February 1, 2006









THE TUNNEL THRU THE AIR
 OF
LOOKING BACK FROM 1940

WRITTEN BY
W. D. GANN
*Author of "Truth of the Stock Tape," pronounced
 by experts the greatest book ever
 written on the subject*

The Tunnel Thru the Air is a fascinating, mysterious romance founded on facts. Mr. Gann tells of the progress to be made with airplanes and the coming war in the air. Gives a forecast on the 1928 Presidential election and some valuable hints on how future cycles on Stocks, Cotton and Wheat will run up to 1932.

This book is worth reading because it will do more than interest and amuse. It will show you how to gain valuable scientific knowledge thru understanding. Mr. Gann says, "My greatest pleasure comes from helping others."

"If I can throw a single ray of light
 Across the darkened pathway of another,
 If I can aid some soul to clearer sight
 Of life and duty, and thus bless my brother,
 If I can wipe from any human cheek a tear,
 I shall not then have lived in vain while here."

Read this interesting book. It will give you a new light on life. If you are discouraged, there is a message for you.

LAMBERT GANN
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 Pomeroy, WA 99347