

THE SOLAR GUIDANCE SYSTEM

by

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INTRODUCTION

Briefly, this is my background. I am a retired Home Economics Professor from Indiana State University. Previous to my 25 years at ISU, I taught 14 years in the community high schools. My undergraduate and graduate degrees are from ISU. My Doctorate is from Purdue. I refer to myself as an early and late "bloomer" as I received my BS degree while still 19, my Doctorate was not completed until 1969 at age 48.

The summer months of my early childhood were spent in various hospitals to correct a serious burn suffered when 10 months old. My severely burned hands required many skin grafts. I am most fortunate that this physical handicap is not very noticeable except in some physical activities.

My invalid grandfather taught me to read all the books in the house by age five. He instilled in me the desire to learn, and I shall be a professional student the rest of my life. I can't possibly live long enough to pursue all the things that interest me.

My first husband of 31 years died of lung cancer in 1976. He was a teacher and school administrator. He was also a weekend farmer, and this part of our life exposed us to the futures market. He hedged our corn and beans. To say that I became mildly interested in the markets is an understatement. I became addicted.

I am still a part of the farm operation. My son, brother in law, and I formed a farm corporation after my husband's death. Getting the crops sold at the right time is just as important as producing a good crop.

Three years after John's death, and after 39 years in the classroom, I realized I was "burned out" on teaching. I planned to retire and get my commodity broker's license. I was just ready to take my exam when I met and married my second husband. I gave up the broker's license for a marriage license, but not the interest in the markets. We would be living in Florida for six months and Illinois six months.

Do you believe in miracles? I certainly do. In the park in Florida where we lived, I met a young man who was also interested in commodities. His father was trading in sugar when sugar sky-rocketed. We spent many hours pouring over charts, sharing our information, and reading materials.

Joe attended a seminar in Orlando that was conducted by an astrologer. On his return, Joe convinced me that astrology held the key to the markets. I spent the summer in self-study. All of my friends thought that the study of astrology was off limits, so to speak. I didn't know enough to contact a society and eagerly waited for my return to Florida so that I could converse with Joe. I am forever indebted to Joe, for without his help I would never have become interested in astrology. Consequently, I would not have prepared a corn trading manual, or written this present book.

Miracle Number Two. About ten years ago, a friend gave me a set of the Earl Nightingale tapes. I played these 10 tapes over and over. I became hypnotized with the possibilities. The SEEK AND YE SHALL FIND theory had me convinced that it was worth a try. There were also rules to be developed for achieving your goal. I wrote mine as was directed. I kept it in front of me, and made it a part of my life. My goal was not to earn money, become beautiful, start a new occupation, or travel to parts unknown -- but it was this: To unlock the secret of successful soybean trading.

I bought the daily price records of corn, wheat, and beans starting from 1971 on. I made charts and more charts. I made daily, weekly, monthly, and yearly charts. I bought books, the Gann Commodity course, attended seminars, and lived and dreamed the commodity world. I drew 26, 30, 45, 60, and 90 degree angles. I found some interesting facts, but only partial answers. My finding did not come in one glorious vision, but rather small bits and pieces.

I am indebted to the person who shared the article written about W. D. Gann and his wheat trading in 1906. Gann knew that wheat would go off the board at \$1.20. Little did they know that this information would open up a whole new world for traders some 80 years later.

Larry Pesavento has been a long time family friend. One day I sent him a memo telling him that October bean oil would trade at 13.80 on September 15. This was in the middle of the summer. He taped the note to his computer screen, and waited. When my predicted price was confirmed, Larry was on a plane from California immediately. Surprise! Surprise! Larry became my first astrology student. Larry became convinced that astrology could be used to trade the markets profitably. He now publishes a monthly newsletter, called ASTRO-CYCLES. He has authored 3 books that incorporate astrological timing and is a Fibonacci expert.

In the meantime I had started to research 20 years of corn data astrologically, and had found certain planetary aspects had a short term

In early 1992, Ian came from England to spend some time with me. It was during this period that we made what we believe to be one of the greatest market discoveries of the century -- even Gann would have been proud of us.

We had been researching for 5 days when during a lull in our work I showed Ian a small drawing of something I had been experimenting with. Ian studied this for several minutes and suggested a different approach. With this new suggestion in mind, we began to work. By the early hours of the morning, we knew we were on to something good, but at the time we didn't know how good. During the following weeks, we researched 21 years of soybean data and found that our work had never failed. We were elated. We needed one more clue to aid us in our trading decisions. Ian returned to England, and we both continued our search for the final link to finish the goal I had set out for myself many years earlier, this goal was To unlock the secret of successful soybean trading. Many months later, 7 to be exact, Ian phoned at 4:00 am to tell me he had found what we were looking for. (Hallelujah --We can all get some sleep now.)

He immediately booked another plane ticket, and in October 1992, Ian came to stay for 6 weeks. During his stay we decided to put this project on hold as we did not want to rush into making any decisions that we might regret later. Given the right opportunity, millions of dollars will be made with our new discovery.

It was during this time period that we researched and published our book, PRACTICAL ASTRO-A GUIDE TO PROFITABLE TRADING, which deals with the astrological analysis that we use in our daily trading decisions. All of the people who have purchased this book should have made a reasonable profit as our O.B.E. Indicator performed up to its usual high standard.

We were both undecided whether to publish our new material; however, without sharing ideas we would not have reached the stage that we have so far in our work. Use our work prudently, experiment, be unconventional, and you may find "the pot of gold at the end of the rainbow".

Ruth Miller, April 1995

THE SOLAR SYSTEM

As the title of our book indicates the basis of our work is centered upon the movement of the Sun in the solar system. The solar system consists of the Sun at the center of the universe. Orbiting the Sun are various planets including our own earth.

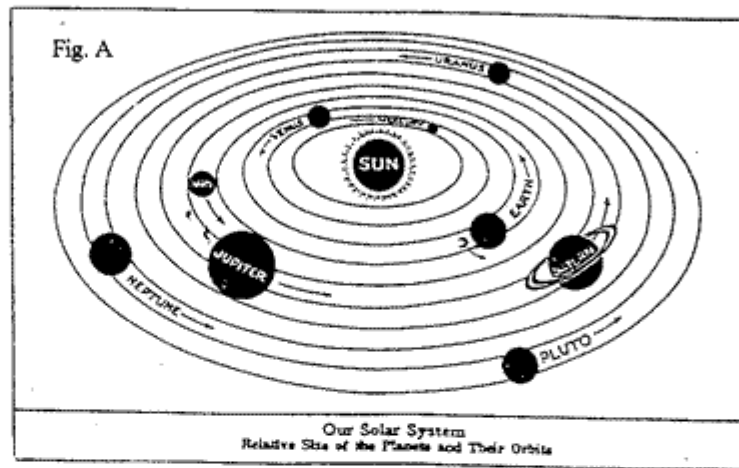


Figure A. is taken from the A to Z Horoscope Maker and Delineator by Llewellyn George which shows our solar system and the various planetary orbits.

THE PLANETS

A planet is classified as a heavenly body which circles the sun. There are nine known major planets in the solar system. These are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto. The Sun and moon are not classed as planets, but are called "luminaries". However, in astrology, both are considered planets. All planets move in the same counter clockwise direction around the Sun. Some of the planetary orbits are more circular than others.

Night and day is derived from the fact that approximately every twenty four hours the earth rotates on its own axis 360° (making one complete revolution).

Most of the planets orbits are located on about the same plane as the earth's. These are within a 3° incline; however, Pluto has sharp incline of 17° and Mercury has a 7° incline. The Moon is a satellite of the earth. The path followed by the planets is called the "ecliptic".

Imagine standing at the center of a horse racing track. You being the earth, the horse track being the path which the planets follow. All the planets move at different speeds; however, planets that are closer to the Sun move faster than the far out planets. Because of these variations, planets will be located at different positions on the race track at different times. The faster planets like Mercury and Venus will circle the race track more often, overtaking the slower planets. The slower planets can literally take many years to make one complete lap. (Please refer to Planetary Revolutions)

As astrologers, we are interested in where these planets are located in relation to each other and to earth.

REVOLUTIONS OF PLANETS AROUND THE SUN IN SIDEREAL TIME

Mercury	88 days
Venus	225 days
Earth	365 $\frac{1}{4}$ days
Mars	687 days
Jupiter	12 years
Saturn	29 years
Uranus	84 years
Neptune	165 years
Pluto	248 years

The sidereal day is 23 hours 56 minutes in comparison with the solar day of 24 hours. One complete revolution of the earth (on its own axis) to a fixed star takes 23 hours and 56 minutes. However, one complete revolution taken from a fix from the Sun at noon time to noon time on the following day takes 24 hours and is thus called "solar time".

This discrepancy is due to the fact as viewed from earth (geo-centric view) the Sun is also moving around us by 1° per day, and will thus take an additional 4 minutes to catch up each day.

Looking at the sidereal time in the ephemeris tells us how many hours and minutes sidereal time is ahead of solar time. We have not used sidereal time in our research, although some astrologers may use this information.

THE CELESTIAL SPHERE

The Moon Observers Handbook by F. W. Price, has given us the best introduction to the orbital sphere that we have ever read. Anyone who needs to understand the orbital sphere, the moon, and its eccentricities would find this book extremely informational. His explanations are concise and simple to understand, even for us.

As we stand on earth and look up at the night sky, all the stars and other celestial bodies optically seem to be attached to the inner surface of a big hemispherical bowl. Standing on earth we seem to be at the center of a more or less plane surface which extends out to the horizon with the inverted bowl of the sky and stars being above us. Under our feet and out of sight is the other half of the bowl, and it is continuous with the hemisphere above. This great heavenly globe is called the "celestial sphere".

Back on earth as we stand and look at the night sky, the stars drift slowly in an east to west direction while retaining the same positions relative to each other, in the well known patterns called "constellations".

The whole of the celestial sphere from our view point looks to be rotating slowly. Of course, there is really no celestial sphere as all the other planets and stars are immense distances from earth. What we are actually seeing is an optical illusion as seen when we sit down in a planetarium, and look at the stars projected onto the inner surface of a sphere.

Although the concept of the celestial sphere is fictitious, we have found it useful to describe positions of all the celestial bodies.

It is earth rotating in a west to east direction (anti-clockwise) about its axis that gives the appearance in the sky of the stars rising in the east and setting in the west.

At the ends of the earth's axis are the north and south poles. When projected out on to the great celestial sphere they intersect the sphere at what is called the north and south celestial poles.

It is around this extension of the earth's axis that the celestial sphere appears to rotate.

The equator divides the earth into two halves, the northern hemisphere and the southern hemisphere. When the earth's equator is projected on to the celestial sphere, it is called the "celestial equator".

Note: Latitude on earth must not be confused with the latitude column in the ephemeris. The declination column in the ephemeris gives us the angular distance of a planet north or south of the celestial equator. The latitude column next to it give us the angular distance north or south of the ecliptic.

More complications arise with the fact that the axis of the earth is tilted (inclined) at an angle of $23\frac{1}{2}$ degrees to the plane of the earth's orbit around the Sun (ecliptic).

It takes one year (365 $\frac{1}{4}$ days) for the earth to make one complete journey around the Sun. As the earth rotates, the Sun appears to drift in a west to east direction against the background of the fixed stars. This movement as seen from earth, is approximately one degree per day.

The apparent path of the Sun as it moves around the earth (geo-centric view) can be projected on to the celestial sphere, and is called the "ecliptic".

This path is inclined to the celestial equator at $23\frac{1}{2}$ degrees and it intersects the plane of the celestial equator at two points during its yearly journey.

These points are called the "EQUINOXES". Due to the gravitational pull of the Sun and the Moon, the equinoxes drift slowly around the ecliptic in a westerly (anti-clockwise) direction. This movement is called the "precession of the equinoxes".

On March 20th or 21st of each year, the Sun is at what we call the VERNAL (spring) EQUINOX. This is the point at which the Sun crosses the equator from south to north.

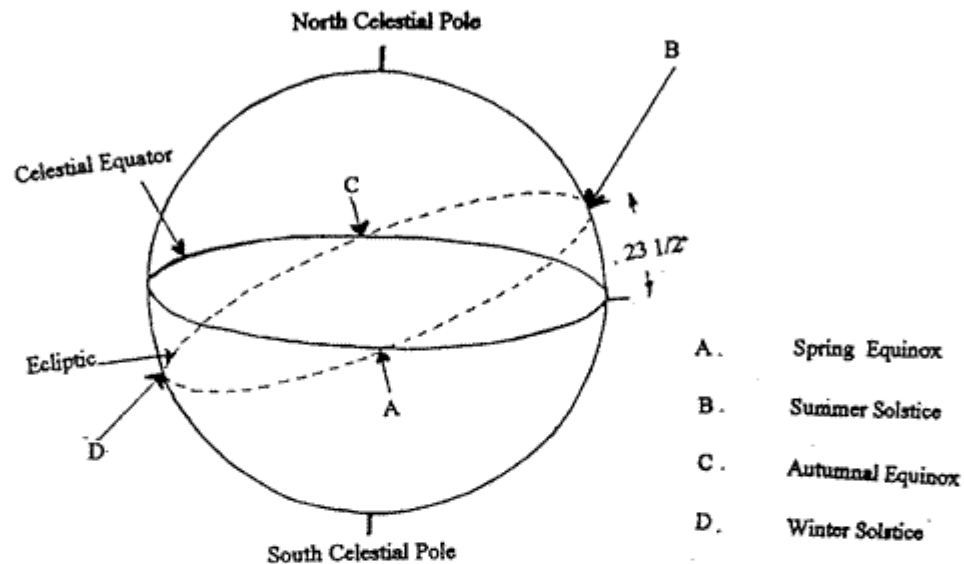
On June 20th or 21st, the Sun is at the half-way point on the ecliptic between the two equinoxes and is at its maximum declination of $23\frac{1}{2}$ degrees north of the celestial equator. It is therefore at its highest point in the sky at a given latitude as seen from earth (northern hemisphere).

From June 21st the Sun keeps moving along the ecliptic, but the declination of the Sun starts to decrease as it moves along its path.

On Sept 21st or 22nd, (AUTUMNAL EQUINOX) the Sun on its path (ecliptic) has reached the celestial equator (0 degrees) and crosses it moving south.

On approximately December 22nd, the Sun has reached its maximum declination south of the celestial equator ($23\frac{1}{2}$ degrees S) and is again midway between the two equinoxes.

From December 21, the Sun's declination degree decreases until the 20th or 21st of March, when it will cross the equator going north and the whole yearly cycle will be repeated.

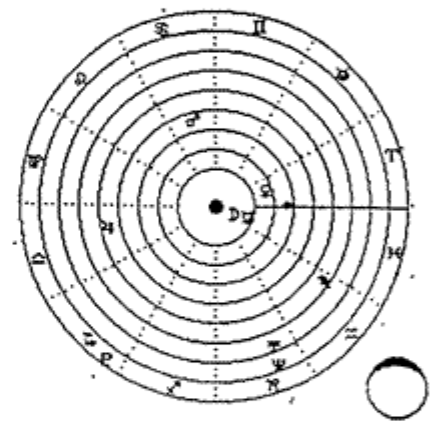
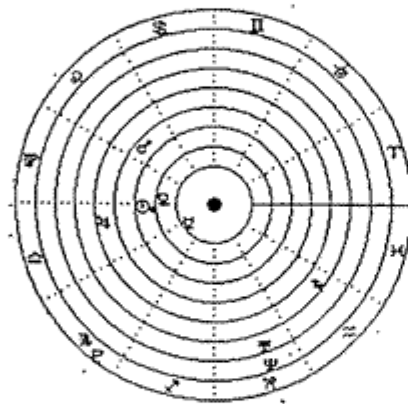


In the earlier part of this section, we have discussed various planetary movements in the solar system. There are two ways of viewing the planet's movements as they move around the Sun.

Helio-centric View: If you view the planets moving around the Sun using the Sun as the central focus point, then this is called the Helio-Centric View. Helios is taken from the Greek word for Sun and centron meaning center. Although there may be many things which affect us helio-centrally, many astrologers, including ourselves, prefer to use the geocentric method.

Geo-centric View: As the planets move around the Sun, the geo-centric view is that of using the earth as the central focal point. As we look at the planets from earth they appear to be in entirely different positions than when viewed from the sun. This may seem a little difficult to understand at first. When viewed from earth, we see the optical illusion of the Sun moving around us, where as we know as discussed previously we are moving around the Sun.

To help you in your understanding of Geo-centric and Helio-centric views, we have drawn a geo-centric view and helio-centric view for March 21, 1993.



Heliocentric Sun Angles	Me	Ue	Ea	Ma	Ju	Sa	Ur	Me	Pl	Mo	Geocentric Earth Angles
Mer 213.78 03 Sc 46' 37	u	-	-	t5	-	C	s	s	t	c1	Mer 340.34 10 Pi 28' 30
Ven 173.95 23 Vi 56' 47	-	2	-	Q4	07	s8	q4	q3	-	-	Ven 17.92 17 Ar 55' 11
Ear 100.00 00 Li 52' 58	-	C7	o	q	o	-	S	S	T7	-	Sun 0.00 00 Ar 52' 58
Mar 140.40 20 Le 24' 07	s	-	-	Q4	-	o7	o7	t	T4	-	Mar 104.73 14 Cn 43' 48
Jup 189.11 09 Li 06' 51	-	-	C9	s	4	t	q	q	-	-	Jup 190.94 10 Li 56' 39
Sat 322.19 22 Aq 11' 07	t	-	-	02	T	4	-	-	Q1	-	Sat 325.54 25 Aq 32' 31
Ura 288.93 18 Cp 55' 43	q	t6	t	-	Q	-	4	C1	s4	S	Ura 291.66 21 Cp 39' 18
Nep 289.10 19 Cp 06' 07	q	t5	t	-	Q	-	C0	4	s4	S	Nep 290.00 20 Cp 52' 46
Plu 233.15 23 Sc 08' 51	-	s1	s8	Q3	-	Q1	S5	S5	e	T	Plu 234.75 24 Sc 44' 57
Moo 100.00 00 Li 52' 58	-	C7	c0	-	c9	-	T	T	S8	D	Moo 341.28 11 Pi 16' 35

To help you understand where the planets are located, instead of writing the names, the planets are given certain symbols which are universally used. These symbols must be learned and memorized if you wish to become proficient in reading the ephemeris.

Planet Symbols and Names

☉ Sun	♂ Mars	♇ Pluto
☾ Moon	♃ Jupiter	
♌ Moon's Node	♄ Saturn	
☿ Mercury	♅ Uranus	
♀ Venus	♆ Neptune	

THE ZODIAC

The definition as described in Doubleday's dictionary is as follows:
 "An imaginary belt encircling the heavens and extending about 8 degrees on each side of the ecliptic, within which are the orbits of the Moon, Sun and larger planets. It is divided into twelve parts called the signs of the zodiac, which formerly corresponded to 12 constellations."

THE ZODIAC MAP

As our ancestors needed some sign posts in the sky to identify the place of the planet, they looked beyond the planet and found fixed stars which did not move.

These fixed stars or constellations appeared as animal shapes and were named the Ram, the Fish, the Lion, etc. Soon a backdrop of 12 signs evolved.

Today we think of this band as the "zodiac" which is divided into twelve equal parts each measuring 30 degrees. With these 12 divisions astronomers could now describe the location of a planet in one of the signs.

Each 30 degree segment is called a "sign". Every sign has its own name and specific influences.

The earth moves around the Sun once a year allowing the Sun to pass through each of the twelve signs, where it finally returns to its starting point, (0° Aries-March 20th or 21st) which was designated by early astronomers as the beginning point. (Geo-centric view). Please refer to the diagram of the Standard Astrological symbols.

0° Aries is March 20/21, and starts on the left hand section of the zodiac.

Please note the dates on the inside of the circle. These dates are approximately when the Sun enters and leaves the signs. For the exact dates and time you must consult the ephemeris (planetary calendar).

It is necessary that you learn to identify the signs and their symbols for ease of recognition in the ephemeris. There is extra information that is included in the diagram on the following page that is not necessary for our study. The extras are key words ascertaining to each individual sign, plus planetary rulers of the individual signs.

STANDARD ASTROLOGICAL SYMBOLS



THE ZODIACAL SIGNS

Symbol	Sign	Symbol	Sign
♈	Aries	♎	Libra
♉	Taurus	♏	Scorpio
♊	Gemini	♐	Sagittarius
♋	Cancer	♑	Capricorn
♌	Leo	♒	Aquarius
♍	Virgo	♓	Pisces

EPHEMERIS SECTION

In addition to our manual you will need a source of astrological data which can be obtained by using either an astrological software program or an ephemeris. The Ephemeris is merely a planetary calendar which gives the location of the major planets in the various signs for each day of the year. For our work it is necessary that you use a geo-centric Ephemeris. The planet's locations are given in degrees, minutes and seconds as viewed from the planet earth. It can be compared to a road map of the sky.

Most Ephemerides have the times calculated for GMT (Greenwich Mean Time) . It will be necessary to adjust the times given in the Ephemeris depending upon which exchange you are trading. (Chicago is 5 or 6 hours behind London: GMT) depending on Standard or Daylight Saving Time.

It is important to know which geographic location is being used for calculating the data as well as the hour of the day. (midnight or noon calculation)

The American Ephemeris (10 year edition) has been the basis for our daily trading and research. The current 1991-2000 edition (available from ACS Publications Box 16430, San Diego, Ca. 92116) is reasonably priced at under \$15. There are other various printed Ephemerides on the market. We have attempted to identify the differences which exist between some publications. The American Ephemeris for the 20th Century by Neil Michelsen is published by Astro Computing Services, Box 16430, San Diego, Ca 92116. This has 100 years of planetary data. The aspects (distance between planets) are not computed for you. Declinations and parallels have been omitted also. Planet ingress is listed (when a planet enters a new sign). Moon aspects are included.

Dell Horoscope is an astrological magazine published monthly. It can be secured at most magazine counters or by a yearly subscription. The aspect section and the time conversions are computed for Eastern Standard time. Subscription: Horoscope, PO Box 53352, Boulder, Co. 80322-3352 or phone 1-800-627-7577.

Traders Astrological Almanac - published yearly by Jeanne Long. In addition to the ephemeris pages, she has included various aspect research for various commodities as well as interesting articles from other traders. Published by Professional Astrology Service, Inc. 757 S E 17th St., Suite 272, Fort Lauderdale, Fl. 33316.

Raphael's Astronomical Ephemeris (yearly) This company has published a yearly ephemeris since 1821, and copies are available for any year from 1860 to date. The tabulations are for GMT. One interesting part of the organization of the book is that the lunar aspects are separated from other planetary aspects. Another bonus feature is a section on planetary motion. The publisher is: W. Foulsham & Co., Ltd., Yeovil Road, Slough, Berks, England. It is also obtainable through most US bookstores.

Any of the above publications contain the necessary data that is used in our work.

INFORMATION REQUIRED FROM EPHEMERIS PAGE

A complete page has been reproduced from the American Ephemeris 1991-2000 to aid us in explaining how to arrive at the basic information necessary for your calculations.

Many thanks go to Astro Communications Services, Inc. PO Box 34487, San Diego, Ca. 92163 for permission to print a page from the American Ephemeris 1991-2000. Copyright 1980. Anyone wishing to order the Ephemeris may write to the publisher or call 1-800-888-9983.

Note the February 1995 Ephemeris data is found on the following page. In our study you need only to calculate the Sun degree from the third column \odot found in the longitude section. The day of the month is listed in column 1, and in column 3 there are four kinds of information given- the sign the Sun is in on that day, the degree, the minutes, and the seconds. We ignore the seconds as it will make little difference in our calculation.

Examine the data for February 1. The Sun is at $11^{\circ} 38' 57''$. ($11^{\circ} 38' \text{ Aq.}$) This equals $311^{\circ} 38'$ minutes. To arrive at this number it is necessary to be able to find cumulative degrees. The following chart shows how to compute cumulative degrees.

COMPUTING CUMULATIVE DEGREES

When the Sun is in Aries ♈ use only the degree listed for that date.

When the Sun is in Taurus ♉ add 30 to the degree listed for that date.

When the Sun is in Gemini ♊ add 60 to the degree listed for that date.

When the Sun is in Cancer ☊ add 90 to the degree listed for the date
 When the Sun is in Leo ☌ add 120 to the degree listed for that date
 When the Sun is in Virgo ♍ add 150 to the degree listed for that date.
 When the Sun is in Libra ♎ add 180 to the degree listed for that date.
 When the Sun is in Scorpio ♏ add 210 to the degree listed for that date.
 When the Sun is in Sagittarius ♐ add 240 to the degree listed for that date.
 When the Sun is in Capricorn ♑ add 270 to the degree listed for that date.
 When the Sun is in Aquarius ♒ add 300 to the degree listed for that date.
 When the Sun is in Pisces ♓ add 330 to the degree listed for that date.

Examples using ACS 10 year Ephemeris

March 27-95	Sun at 5 ☊ 51' 26" = 5 degrees
June 1-95	Sun at 10 ♋ 3' 41" = 70 degrees
Sept. 11-95	Sun at 17 ♏ 47' 55" = 167 degrees
Dec. 4 -95	Sun at 11 ♐ 20' 52" = 251 degrees
Feb 29- 96	Sun at 9 ♒ 41' 15" = 339 degrees

You should now be able to compute a cumulative degree number for the Sun for any date of the year using the ephemeris data listed. Should you wish to find the cumulative degree of any other planet the same basic procedure is applied.

We have not used the number in the minute column to arrive at our answer in the examples above. Should we have done so? Our answer is yes, for we have found examples in our work where 1 degree can make a difference. (you will understand this problem later).

Let us examine the March 27 data listed above. The Sun is at 5 degrees, but to be exact it is at 5 degrees and 51 minutes at midnight .

When the Sun has moved 9 minutes in longitude the minute column will total 60 (51+9). 60 minutes = 1 degree, therefore the Sun will be at 6 degrees during the day.

It is very difficult to give a specific rule in deciding how many minutes must appear in the minute column before we add 1° to the cumulative degree. One might consider that the Sun moves approximately 1 degree per day or stated another way--60 minutes. We can therefore assume that the Sun would move 2 1/2 minutes per hour ($2\frac{1}{2} \times 24 \text{ hours} = 60$).

For trading in the US markets you can also determine that by the close of market hours (1:00 PM Chicago CST = 7:00PM London GMT) and therefore we can calculate how many minutes must be added to the minute column to determine the exact Sun degree. When the minutes given for the day are more than 15 we would advise you to use both Sun degree numbers for your work.

Looking back at the previous examples you will note that one example has less than 15 minutes in its minute column. On June 1 you would use only 70° as your Sun degree number. In all the other examples there is more than 15 minutes in their minute columns and you may wish to consider both numbers.

For convenience and research purposes we have developed a Sun degree sheet based on a ten year average. The Sun degree for the dates listed should not vary more than one degree from the exact ephemeris data.

WE WOULD ADVISE YOU TO CROSS CHECK THE SUN DEGREE ON OUR SUN DEGREE SHEET WITH THE EPHEMERIS TO BE CONFIDENT IN YOUR DAILY CALCULATIONS.

1st of Month Julian Day # 2449749.5 Delta T 58.8" Obliquity 23°26'17" SVP 05M19'29" Galactic Center 26°45.9 Chiron 20M58.48

DAY	C	D			D 12hr			♂		♀		♂		♀		DAY	X		Ψ		P	
		DECL	LAT	DECL	DECL	LAT	DECL	LAT	DECL	LAT	DECL	LAT	DECL	LAT	DECL		LAT	DECL	LAT	DECL	LAT	DECL
1 W	17517	8531	4N50	6521	12529	3N 5	20532	2N50	16W38	4N27	21514	0N46	95 3	1546	1	21511	0530	20549	0N33	75 1	13N25	
2 Th	17 0	4 8	4 22	1 53	12 37	3 17	20 37	2 47	16 46	4 28	21 51	0 46	9 0	1 46	5	21 9	0 30	20 47	0 33	7 0	13 30	
3 F	16 43	0N21	3 42	2N32	12 49	3 26	20 42	2 44	16 55	4 29	21 51	0 46	9 57	1 46	9	21 6	0 30	20 46	0 33	6 60	13 3	
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5 Su	16 8	8 41	1 52	10 31	13 19	3 38	20 50	2 37	17 12	4 31	21 19	0 46	8 52	1 45	17	21 1	0 30	20 42	0 33	6 58	13 35	
6 M	15 49	12 13	0 50	13 47	13 37	3 40	20 53	2 33	17 20	4 31	21 20	0 46	8 49	1 45	20	20 556	0530	20540	0N33	6556	13 37	
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8 W	15 12	17 29	1 16	18 21	14 16	3 37	20 57	2 26	17 37	4 32	21 23	0 46	8 44	1 45	26	20 556	0530	20540	0N33	6556	13 37	
9 Th	14 53	19 1	1 14	19 29	14 36	3 32	20 59	2 22	17 45	4 33	21 24	0 47	8 41	1 45	29	20 556	0530	20540	0N33	6556	13 37	
10 F	14 34	19 44	3 7	19 46	14 36	3 26	21 0	2 19	17 53	4 33	21 25	0 47	8 39	1 45	32	20 556	0530	20540	0N33	6556	13 37	
11 Sa	14 15	19 34	3 52	19 8	15 14	3 18	21 1	2 15	18 1	4 33	21 26	0 47	8 36	1 45	35	20 556	0530	20540	0N33	6556	13 37	
12 Su	13 55	18 30	3 48	17 37	15 32	3 9	21 1	2 11	18 9	4 33	21 27	0 47	8 33	1 45	38	20 556	0530	20540	0N33	6556	13 37	
13 M	13 35	16 32	4 51	15 14	15 49	2 59	21 0	2 7	18 17	4 33	21 28	0 47	8 31	1 45	41	20 556	0530	20540	0N33	6556	13 37	
14 Tu	13 15	13 45	5 1	12 5	16 5	2 49	20 59	2 0	18 25	4 32	21 29	0 47	8 28	1 45	44	20 556	0530	20540	0N33	6556	13 37	
15 W	12 55	10 15	4 56	8 8	16 19	2 36	20 57	1 59	18 32	4 32	21 30	0 47	8 25	1 45	47	20 556	0530	20540	0N33	6556	13 37	
16 Th	12 34	8 11	4 35	3 60	16 32	2 24	20 55	1 55	18 40	4 31	21 31	0 47	8 22	1 45	50	20 556	0530	20540	0N33	6556	13 37	
17 F	12 13	1 45	3 58	0523	16 44	2 11	20 52	1 51	18 47	4 31	21 32	0 47	8 20	1 45	53	20 556	0530	20540	0N33	6556	13 37	
18 Sa	11 52	2551	3 7	5 8	16 54	1 59	20 49	1 47	18 54	4 30	21 33	0 47	8 17	1 45	56	20 556	0530	20540	0N33	6556	13 37	
19 Su	11 31	7 21	2 4	9 29	17 3	1 46	20 45															

[illegible]

THE SUN DEGREE SHEET

As you study the Sun degree sheet you will notice certain deviations in the numbering sequence of the Sun degrees. It is not a clerical error that some numbers are repeated and others omitted, as there is a deliberate reasoning behind the numbering sequence.

In a calendar year we will either have 365 or 366 days. The zodiac circle consists of 360 degrees. We now have a slight technical difficulty. In the Ephemeris the Sun's movement is calculated in degrees based on a 360 degree circle. In constructing the Sun Degree sheet we needed to average the 360 degrees of the Sun's movement into 365 calendar days as accurately as possible.

It was therefore necessary that extra Sun degrees be manipulated throughout the calendar year. These adjustments were made on the following dates: April 11/12, May 17/18, June 10/11, July 2/3, 24/25, Sept 17/18, by repeating the Sun degree number. On Dec. 20th we advanced the Sun degree by 1 increment, and on Jan 30, the same procedure was applied. This achieved our objective of placing 360 degrees in a 365 day calendar.

Let's take a look at the Sun degree sheet so that you can locate the average Sun degree for a particular date. The Months are listed across the top of the sheet from left to right with the days of the month listed down the left hand side.

To find the Sun degree on 5th of February locate day 5 in the left hand column and move across from left to right until you reach the February column. You have now found 316 which is the Sun degree for Feb. 5.

You should now be confident in finding the Sun degree for any particular date, and be reasonably certain that this number will be accurate to within 1 degree.

SUN DEGREE BY DATE

Day of Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	280	312	340	11	40	70	99	128	158	187	218	248
2	281	313	341	12	41	71	100	129	159	188	219	249
3	282	314	342	13	42	72	100	130	160	189	220	250
4	283	315	343	14	43	73	101	131	161	190	221	251
5	284	316	344	15	44	74	102	132	162	191	222	252
6	285	317	345	16	45	75	103	133	163	192	223	253
7	286	318	346	17	46	76	104	134	164	193	224	254
8	287	319	347	18	47	77	105	135	165	194	225	255
9	288	320	348	19	48	78	106	136	166	195	226	256
10	289	321	349	20	49	79	107	137	167	196	227	257
11	290	322	350	21	50	79	108	138	168	197	228	258
12	291	323	351	21	51	80	109	139	169	198	229	259
13	292	324	352	22	52	81	110	140	170	199	230	260
14	293	325	353	23	53	82	111	141	171	200	231	261
15	294	326	354	24	54	83	112	142	172	201	232	262
16	295	327	355	25	55	84	113	143	173	202	233	263
17	296	328	356	26	56	85	114	143	174	203	234	264
18	297	329	357	27	56	86	115	144	174	204	235	265
19	298	330	358	28	57	87	116	145	175	205	236	266
20	299	331	359	29	58	88	117	146	176	206	237	268
21	300	332	360	30	59	89	118	147	177	207	238	269
22	301	333	1	31	60	90	119	148	178	208	239	270
23	302	334	2	32	61	91	120	149	179	209	240	271
24	303	335	3	33	62	92	121	150	180	210	241	272
25	304	336	4	34	63	93	121	151	181	211	242	273
26	305	337	5	35	64	94	122	152	182	212	243	274
27	306	338	6	36	65	95	123	153	183	213	244	275
28	307	339	7	37	66	96	124	154	184	214	245	276
29	308		8	38	67	97	125	155	185	215	246	277
30	310		9	39	68	98	126	156	186	216	247	278
31	311		10		69		127	157		217		279

THE SQUARE OF NINE

The use of the square of nine is credited to a famous trader and author in the early 1900's by the name of W.D. Gann.

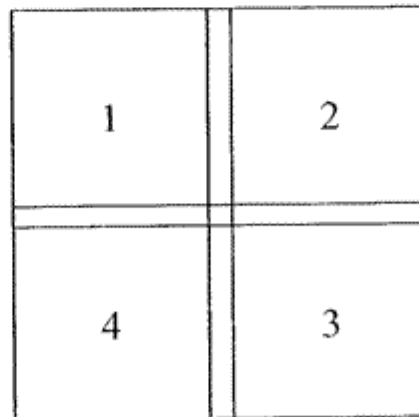
Interesting rumors still persist about its discovery. These range from finding it in an Egyptian pyramid, a Buddhist temple, and even linked to the early Greek mathematical concepts. Who knows?

Many people have attempted to incorporate the Square of Nine into their trading methodologies. Our discovery concerning the use of the square of nine is most unique, simple, and refreshingly unconventional. For what you are about to receive, may the Lord make you truly thankful.

As you look at the square of nine the first prominent feature you will notice is that number 1 is in the very center. All the other numbers are placed in such a fashion that the sequence of increasing numbers rotates in a clockwise manner.

There are various division lines drawn on the square, the most prominent being the lines which divide the square into quarters. These sets of horizontal and vertical lines are called "cardinal lines".

In order to identify which quarter of the square we are referring to we coined the name "quadrant", and started the numbering from the left hand top corner in a clockwise manner.

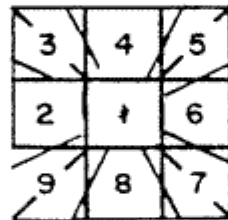


SQUARE OF NINE

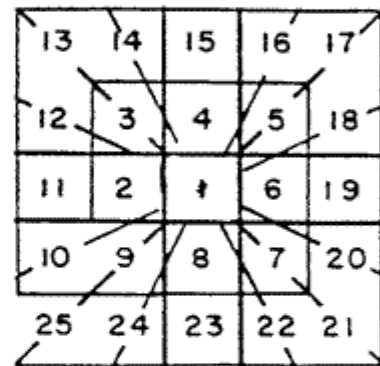
993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025
992	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	1026
991	870	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	902	1027
990	869	756	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	786	903	1028
989	868	755	650	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	678	787	904	1029
988	867	754	649	552	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	578	679	788	905	1030
987	866	753	648	551	462	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	486	579	680	789	906	1031
986	865	752	647	550	461	380	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	402	487	580	681	790	907	1032
985	864	751	646	549	460	379	306	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	326	403	488	581	682	791	908	1033
984	863	750	645	548	459	378	305	240	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	258	327	404	489	582	683	792	909	1034
983	862	749	644	547	458	377	304	239	182	133	134	135	136	137	138	139	140	141	142	143	144	145	198	259	328	405	490	583	684	793	910	1035
982	861	748	643	546	457	376	303	238	181	132	91	92	93	94	95	96	97	98	99	100	101	146	199	260	329	406	491	584	685	794	911	1036
981	860	747	642	545	456	375	302	237	180	131	90	57	58	59	60	61	62	63	64	65	102	147	200	261	330	407	492	585	686	795	912	1037
980	859	746	641	544	455	374	301	236	179	130	89	56	31	32	33	34	35	36	37	66	103	148	201	262	331	408	493	586	687	796	913	1038
979	858	745	640	543	454	373	300	235	178	129	88	55	30	13	14	15	16	17	38	67	104	149	202	263	332	409	494	587	688	797	914	1039
978	857	744	639	542	453	372	299	234	177	128	87	54	29	12	3	4	5	18	39	68	105	150	203	264	333	410	495	588	689	798	915	1040
977	856	743	638	541	452	371	298	233	176	127	86	53	28	11	2	1	6	19	40	69	106	151	204	265	334	411	496	589	690	799	916	1041
976	855	742	637	540	451	370	297	232	175	126	85	52	27	10	9	8	7	20	41	70	107	152	205	266	335	412	497	590	691	800	917	1042
975	854	741	636	539	450	369	296	231	174	125	84	51	26	25	24	23	22	21	42	71	108	153	206	267	336	413	498	591	692	801	918	1043
974	853	740	635	538	449	368	295	230	173	124	83	50	49	48	47	46	45	44	43	72	109	154	207	268	337	414	499	592	693	802	919	1044
973	852	739	634	537	448	367	294	229	172	123	82	49	48	47	46	45	44	43	73	110	155	208	269	338	415	500	593	694	803	920	1045	
972	851	738	633	536	447	366	293	228	171	122	81	48	47	46	45	44	43	74	111	156	209	270	339	416	501	594	695	804	921	1046		
971	850	737	632	535	446	365	292	227	170	169	168	167	166	165	164	163	162	161	160	159	158	157	210	271	340	417	502	595	696	805	922	1047
970	849	736	631	534	445	364	291	226	225	224	223	222	221	220	219	218	217	216	215	214	213	212	211	272	341	418	503	596	697	806	923	1048
969	848	735	630	533	444	363	290	289	288	287	286	285	284	283	282	281	280	279	278	277	276	275	274	273	342	419	504	597	698	807	924	1049
968	847	734	629	532	443	362	361	360	359	358	357	356	355	354	353	352	351	350	349	348	347	346	345	344	343	420	505	598	699	808	925	1050
967	846	733	628	531	442	441	440	439	438	437	436	435	434	433	432	431	430	429	428	427	426	425	424	423	422	421	506	599	700	809	926	1051
966	845	732	627	530	529	528	527	526	525	524	523	522	521	520	519	518	517	516	515	514	513	512	511	510	509	508	507	600	701	810	927	1052
965	844	731	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	702	811	928	1053
964	843	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	812	929	1054
963	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	930	1055
962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	1056
1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031

A line is drawn from the upper left hand corner of quadrant 1 to the lower right hand corner of quadrant 3. We have another line drawn from the upper right corner of quadrant 2 to the lower left corner of quadrant 4. These lines are called diagonal lines. Note that they are also 45 degree lines which will divide the square into eighths.

Additional lines are also added that divide the square into sixteenths. These are called 22 1/2 degree lines. All these lines can be utilized in your trading, and an explanation of their use will be included in a later section.



A



B

Looking more closely at the numbering sequence note that nine numbers are used in forming the first square in above diagram A.

The second square is also completed when the numbers 10 to 25 have been used.(diagram B). You will also notice that the last numbers of these squares are situated on a 45 degree line in quadrant 4; however, they are not corner numbers in a true sense as the next or following number is still on the same horizontal line. Special techniques will be used to deal with this unique design feature.

SOLAR VIBRATION POINTS—SVP

As the Sun moves clockwise around the Square of Nine we are looking for the price and the Sun to align with each other according to predetermined rules.

Do not be alarmed by thinking that this concept is difficult. Once understood the SVP (Solar Vibration Point) will be easily identified, and when combined with the SNAPP indicator (to be explained later) will produce projected prices which are obtained in seconds.

As mentioned earlier the Square of Nine is produced in such a way that some numbers fall on 45 degree lines. In quadrants 1, 2, and 3 these will be referred to as corner numbers. Quadrant 4 is a special case whereby the next number to the left of the 45 degree angle is the "corner number".

The Sun Degree for June 4th is 73 as found on Sun degree sheet. Now locate this number on the Square. Note this number is in quadrant 3 and on the 45 degree line (corner). For the next nine days the Sun will be moving left to right across the square and into quadrant four. The Sun will be at 82 degrees on June 14th. On the 15th when the Sun is at 83 degrees it will have passed the corner number of 82, and is now moving up the square. On June 23, the Sun reaches 91 and this is also a corner number. For the next ten days the Sun will move across the top of the square (from left to right) until it reaches the corner number of 101 on the 4th of July. When the Sun has moved down the square to the 111 corner on the 14th of July one revolution around the square has been completed since June 4th. The Sun will make 9 revolutions around the square per year.

In order to determine if a SVP has occurred we need to place the Sun degree on the Square, and the price range of the specific commodity contract you are trading.

Rule 1. When the Sun is moving across the square from left to right an SVP is established when both the Sun degree number and one of the prices of the days trading range are aligned in the same vertical column. Both numbers must be in the same quadrant.

Example: With the Sun at 114 any time during the day the price of an individual commodity trades in this column (directly below 114) a Solar Vibration Point (SVP) is established.

7-17 Range of Nov. beans 520 high 513 low SVP=516

7-17 Range of July beans 625 high 609 low SVP=611

Simple to find! We hope so.

1	6	19	40	89	106	131	204	285	334	411	496	589	693	799	916	1041		
8	7	20	41	70	107	132	205	286	335	412	497	590	694	800	917	1042		
23	22	21	42	71	108	133	206	287	336	413	498	591	695	801	918	1043		
48	45	44	43	72	109	134	207	288	337	414	499	592	696	802	919	1044		
77	76	75	74	73	110	135	208	289	338	415	500	593	697	803	920	1045		
118	115	114	113	112	111	136	209	290	339	416	501	594	698	804	921	1046		
163	162	161	160	159	158	157	210	291	340	417	502	595	699	805	922	1047		
218	217	216	215	214	213	212	211	270	341	418	503	596	697	806	923	1048		
281	280	279	278	277	276	275	274	273	342	419	504	597	698	807	924	1049		
352	351	350	349	348	347	346	345	344	343	420	505	598	699	808	925	1050		
431	430	429	428	427	426	425	424	423	422	421	506	599	700	809	926	1051		
518	517	516	515	514	513	512	511	510	509	508	507	600	701	810	927	1052		
613	612	611	610	609	608	607	606	605	604	603	602	601	702	811	928	1053		
718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	812	929	1054
827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	930	930	1055
946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	930	1056
1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057

Rule 1

977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959
976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958
975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957
974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956
973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955
972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954
971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953
970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952
969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951
968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950
967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949
966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948
965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947
964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946
963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945
962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944
961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943
960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942
959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941
958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940
957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939
956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938
955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937
954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936
953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935
952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934
951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933
950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932
949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931
948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930
947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929
946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928
945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927
944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926
943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925
942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924
941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923
940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922
939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921
938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920
937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919
936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918
935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917
934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916
933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915
932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914
931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913
930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912
929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911
928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910
927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909
926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908
925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907
924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906
923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905
922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904
921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903
920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902
919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901
918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900
917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	999

Rule 3. As the Sun moves around the corner and is moving left to right an SVP will be established if the Price and the Sun degree are in the same vertical column. The price will be directly above the Sun and in the same quadrant.

Example: On October 2nd the Sun is at 188. The price of March soybeans ranged from 565 high to a low of 553, with an SVP at 563.

993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
992	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986
991	970	967	958	959	960	961	962	963	964	965	966	967	968	969	970	971
990	969	956	951	952	953	954	955	956	957	958	959	960	961	962	963	964
989	968	955	950	951	952	953	954	955	956	957	958	959	960	961	962	963
988	967	954	949	950	951	952	953	954	955	956	957	958	959	960	961	962
987	966	953	948	949	950	951	952	953	954	955	956	957	958	959	960	961
986	965	952	947	948	949	950	951	952	953	954	955	956	957	958	959	960
985	964	951	946	947	948	949	950	951	952	953	954	955	956	957	958	959
984	963	950	945	946	947	948	949	950	951	952	953	954	955	956	957	958
983	962	949	944	945	946	947	948	949	950	951	952	953	954	955	956	957
982	961	948	943	944	945	946	947	948	949	950	951	952	953	954	955	956
981	960	947	942	943	944	945	946	947	948	949	950	951	952	953	954	955
980	959	946	941	942	943	944	945	946	947	948	949	950	951	952	953	954
979	958	945	940	941	942	943	944	945	946	947	948	949	950	951	952	953
978	957	944	939	940	941	942	943	944	945	946	947	948	949	950	951	952
977	956	943	938	939	940	941	942	943	944	945	946	947	948	949	950	951

Rule 3

1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025
1009	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022
1008	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021
1007	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020
1006	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019
1005	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018
1004	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017
1003	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016
1002	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015
1001	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014
1000	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013
999	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012
998	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011
997	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010
996	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
995	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008
994	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007
993	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006
992	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005
991	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004
990	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003
989	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002
988	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001
987	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
986	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999
985	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998
984	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997
983	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996
982	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995
981	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994
980	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993
979	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
978	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991
977	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990

Rule 4

Rule 4. As the Sun moves around the corner and down the square an SVP will be established when the price and Sun degree are in the same horizontal column. The price must be to the right of the Sun degree and in the same quadrant.

Example: On the 23rd of August the Sun degree will be 149. The price of November soybeans ranged from a high of 799 to a low of 790, with an SVP at 797.

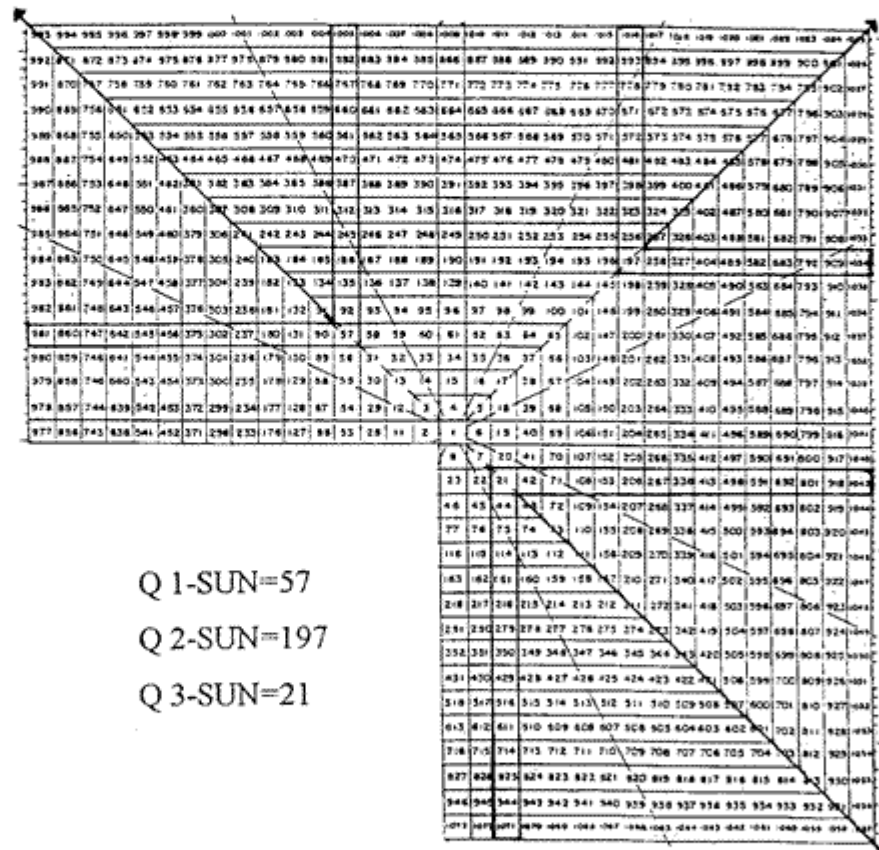
These rules only apply during the times when the Sun degree is moving in between corners. When the Sun degree is on a corner there are more chances of an SVP being achieved as we are about to show you.

SVP and CORNERS IN QUADRANTS 1, 2, AND 3

Whenever the Sun degree is on a corner in quadrants 1, 2, or 3 there will 3 possible opportunities for an SVP to occur instead of the usual one.

Example: If the Sun is at 57 in quadrant 1, prices can align to the left of the Sun on the horizontal line, along the 45 degree angle itself or in the vertical column directly above the number. As you can see in the following diagrams you have a 3 to 1 chance of having an SVP if a commodity is trading in this area.

The same rules apply to quadrants 2 and 3.



SVP and QUADRANT 4

As mentioned earlier due to the construction of the square of nine we need a specific set of rules when the Sun is on the 45 degree line in quadrant 4 and the corner number to the left of it.

Whenever the Sun degree is on the 45 degree line in quadrant 4 there are only two possible SVP's. For example if the Sun degree is at 81 an SVP will only occur if the price is also on the 45 degree line or in the vertical column directly below.

978	853	742	637	540	451	370	297	232	173	124	85	52	27	10	5	0
975	854	741	636	539	450	369	296	231	174	125	84	51	26	9	4	23
974	855	740	635	538	449	368	295	230	175	126	83	50	25	8	47	46
973	852	739	634	537	448	367	294	229	176	127	82	49	24	7	91	90
972	851	738	633	536	447	366	293	228	177	128	81	48	23	6	107	106
971	850	737	632	535	446	365	292	227	178	129	80	47	22	5	163	162
970	849	736	631	534	445	364	291	226	179	130	79	46	21	4	219	218
969	848	735	630	533	444	363	290	225	180	131	78	45	20	3	281	280
968	847	734	629	532	443	362	289	224	181	132	77	44	19	2	352	351
967	846	733	628	531	442	361	288	223	182	133	76	43	18	1	431	430
966	845	732	627	530	441	360	287	222	183	134	75	42	17	0	519	518
965	844	731	626	529	440	359	286	221	184	135	74	41	16	9	615	614
964	843	730	625	528	439	358	285	220	185	136	73	40	15	8	719	718
963	842	729	624	527	438	357	284	219	186	137	72	39	14	7	827	826
962	841	728	623	526	437	356	283	218	187	138	71	38	13	6	946	945
961	840	727	622	525	436	355	282	217	188	139	70	37	12	5	1073	1072

978	853	742	637	540	451	370	297	232	173	124	85	52	27	10	5	0
975	854	741	636	539	450	369	296	231	174	125	84	51	26	9	4	23
974	855	740	635	538	449	368	295	230	175	126	83	50	25	8	47	46
973	852	739	634	537	448	367	294	229	176	127	82	49	24	7	91	90
972	851	738	633	536	447	366	293	228	177	128	81	48	23	6	107	106
971	850	737	632	535	446	365	292	227	178	129	80	47	22	5	163	162
970	849	736	631	534	445	364	291	226	179	130	79	46	21	4	219	218
969	848	735	630	533	444	363	290	225	180	131	78	45	20	3	281	280
968	847	734	629	532	443	362	289	224	181	132	77	44	19	2	352	351
967	846	733	628	531	442	361	288	223	182	133	76	43	18	1	431	430
966	845	732	627	530	441	360	287	222	183	134	75	42	17	0	519	518
965	844	731	626	529	440	359	286	221	184	135	74	41	16	9	615	614
964	843	730	625	528	439	358	285	220	185	136	73	40	15	8	719	718
963	842	729	624	527	438	357	284	219	186	137	72	39	14	7	827	826
962	841	728	623	526	437	356	283	218	187	138	71	38	13	6	946	945
961	840	727	622	525	436	355	282	217	188	139	70	37	12	5	1073	1072

If the Sun degree is on the corner number to the left of the 45 degree angle then there are only two ways for an SVP to occur. If the Sun degree at 82, note there can be a horizontal alignment to the left of the Sun degree or a vertical alignment below the Sun's degree. In either case an SVP will have occurred.

Please don't feel frustrated at this point if you think it is complicated. After practice and confirmation that you are finding the SVPs correctly it will become second nature and you will be able to spot them instantly.

SNAPP INDICATOR (SI)

One of the problems we encountered in trading and in our research was how to utilize any contract in combination with the Sun degree at a particular time. With this problem in mind, we set about researching how we might get over this hurdle. The answer was so easy and simple once we acquired some additional information.

Throughout the year various commodity contracts will be coming on the board, and various contracts will end or expire (go off the board). With this natural birth /death cycle we can use this information to our advantage when combined with the Sun degree and square of nine. This combination will produce price projections with a high accuracy.

Our SNAPP INDICATOR (coined from Significant Number and Price Projector) is based on utilizing the actual market day number when the Sun-price alignment has occurred. This market day number is calculated by counting trading days from the first day that a contract is traded.

The first information you therefore need to find is the first day that the specific contract traded. MOST IMPORTANT!!! Phoning the research department of the commodity exchange is the most accurate way of locating this information.

Due to the fact that most of our work has been in the soybean complex we contacted the Chicago Board of Trade for the first trade dates.

Do not rely on newspapers or chartbooks for this information as they do not print some contract data until there is sufficient open interest.

With the correct first trade date for the particular contract you wish to research start a market day count from that day. This day count is based on whenever there was a trading day for that contract.

There could be several ways you may wish to organize your data. One that we have used includes the market day number (SI), the date, the open, high, low and closing price with the Sun degree to the right of the data..

Below is our example of November 1983 soybean data.

MD(SI)	SOYBEANS				11/83	SUN
1	820823	633.000	633.000	633.000	633.000	149
2	820824	637.500	640.000	637.000	640.000	150
3	820825	638.000	638.000	631.000	635.000	151
4	820826	632.000	632.000	626.000	628.000	152
5	820827	623.000	623.000	614.000	617.000	153
6	820830	611.000	611.000	608.000	610.000	156
7	820831	614.000	616.500	612.000	616.000	157
8	820901	616.000	620.500	613.000	620.500	158
9	820902	622.000	624.000	622.000	623.000	159
10	820903	625.000	625.000	616.250	616.500	160

The first trading day of Nov. 1983 beans was 8-23-1982. This is where we will start the market day count for this particular contract, and consecutive numbering will continue until the contract expires.

When a solar vibration point occurs in the contract being studied, the market day number on that day will become our SNAPP indicator number.

Having established that an SVP has occurred locate the SNAPP indicator number on the Square of Nine. Regardless of where the price is currently trading we can expect that before the contract expires it will trade in that particular area of the square. What direction will prices move to get there is another matter. The price can move in a clockwise or anti-clockwise direction to achieve its objective. How reliable is this information? In our 23 years of November Soybean data we have a 95% reliability that an objective will be met before the contract expires.

Let's examine some data from the November 1984 contract to assist you in using the SNAPP INDICATOR.

November Soybeans 1984

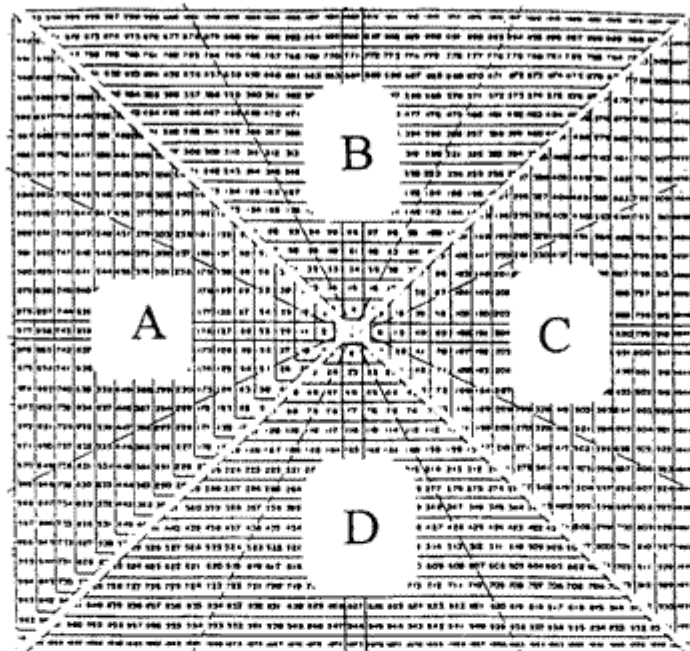
Date	O	H	L	C	Sun	SI	SVP
1-11-84	719	727	719	725.75	290	113	725

Looking at the data above you can see that on Jan 11 an SVP was confirmed at 725. The SNAPP indicator for that day was 113. You will find 113 in quadrant 3 on the square. Remember in the previous section about how an SVP was established, now using the same general principal look at the numbers directly underneath 113 in the vertical column.

7	20	41	70	107	152	205	264	326	402	487	580	689	800	917	1040
23	21	42	71	108	153	206	265	327	403	488	581	690	801	918	1041
45	44	43	72	109	154	207	266	328	404	489	582	691	802	919	1042
76	75	74	73	110	155	208	267	329	405	490	583	692	803	920	1043
108	114	113	112	111	156	209	270	330	406	491	584	693	804	921	1044
162	161	160	159	158	157	210	271	340	417	502	595	696	805	922	1045
217	216	215	214	213	212	211	272	341	418	503	596	697	806	923	1046
290	278	276	277	276	275	274	273	342	419	504	597	698	807	924	1047
394	392	349	348	347	346	345	344	343	420	505	598	699	808	925	1048
430	428	426	427	426	425	424	423	422	421	506	599	700	809	926	1049
517	516	515	514	513	512	511	510	509	508	507	600	701	810	927	1050
612	611	610	609	608	607	606	605	604	603	602	601	702	811	928	1051
718	716	715	712	711	710	709	708	707	706	705	704	703	812	929	1052
828	827	824	823	822	821	820	819	818	817	816	815	814	813	930	1053
945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	1054
1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060

November beans will move clockwise to this column or move anti-clockwise. Since we do not know which direction soybeans will take to reach this column, we must therefore make a note of the two numbers which encompass the SVP of 725. The two numbers are 713 and 824.

The following diagram will aid in determining which area of the square to use in calculating your price projection numbers.



The following rules will apply when the SNAPP indicator is situated in between the corners on the square of nine.

- (1) When an SVP occurs and the SNAPP indicator is in section A, our price projections will be in the same horizontal column and to the left of our number.
- (2) When an SVP occurs and the SNAPP indicator is in Section B our price projections will be in the same vertical column and above our number.
- (3) When an SVP occurs and the SNAPP indicator is in Section C our price projections will be in the same horizontal column and to the right of our number.
- (4) When an SVP occurs and the Snapp indicator is in Section D our price projections will be in the same vertical column and underneath our number.

Remember! Only use the SNAPP indicator number on the day when an SVP has occurred for that particular contract.

THE PROJECTED PRICES MUST BE IN THE SAME QUADRANT AS THE SNAPP INDICATOR.

EXAMPLES: SECTION A SNAPP INDICATOR =51
 SECTION B SNAPP INDICATOR =312
 SECTION C SNAPP INDICATOR =155
 SECTION D SNAPP INDICATOR=44

SNAPP INDICATOR NUMBERS ON CORNERS

Some confusion may arise when a SNAPP indicator number falls on a corner. When a SNAPP indicator number falls on a corner in quadrants 1, 2, and 3 you will be faced with multiple price projections. We formulated a rule which we think is a logical way of minimizing your price projections. We hope you agree.

Examples are necessary at this point to aid us in our explanations.

On July 29th with the Sun degree at 125 an SVP was established for November soybeans at 539.

The SNAPP indicator for that day was 183. Note that 183 is on a corner in quadrant 1. We have 3 possible price projection alignments- one to the left horizontally, one on the 45 degree line itself and the last above in the vertical column. The six price projection numbers that will encompass the SVP of 539 are as follows:

Quadrant 1

992	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
992	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886
991	870	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771
990	869	756	872	873	874	875	876	877	878	879	880	881	882	883	884	885
989	868	755	450	553	554	555	556	557	558	559	560	561	562	563	564	565
988	867	754	449	552	553	554	555	556	557	558	559	560	561	562	563	564
987	866	753	448	551	552	553	554	555	556	557	558	559	560	561	562	563
986	865	752	447	550	551	552	553	554	555	556	557	558	559	560	561	562
985	864	751	446	549	480	379	308	241	242	243	244	245	246	247	248	249
984	863	750	445	548	479	378	307	240	183	184	185	186	187	188	189	190
983	862	749	444	547	478	377	306	239	182	133	134	135	136	137	138	139
982	861	748	443	546	477	376	305	238	181	132	81	92	93	94	95	96
981	860	747	442	545	476	375	304	237	180	131	80	91	92	93	94	95
980	859	746	441	544	475	374	303	236	179	130	79	80	81	82	83	84
979	858	745	440	543	474	373	302	235	178	129	78	79	80	81	82	83
978	857	744	439	542	473	372	301	234	177	128	77	78	79	80	81	82
977	856	743	438	541	472	371	300	233	176	127	76	77	78	79	80	81

Horizontally we have 548 and 459. On the 45 degree line we have 553 and 463, and vertically above 183 we have 558 and 467.

The 3 highest numbers are 548, 553 and 558. With beans trading at 539 the first number to be reached in this series would be 548. As 548 is the lowest number in the series and is therefore our first upside target. The downside targets are 467, 463 and 459. Should beans trade into the \$4.00 area, our first target to be reached would be 467. This is how we arrive at our projected numbers when our SNAPP indicator is on a corner.

In conclusion, we are therefore using the lowest number of the high number series and the highest number in the low number series-- confused-- we hope not, but with practice it will become clear.

The same basic concepts are used in quadrants 2 and 3.

109	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902
772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787
665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680
558	557	556	555	554	553	552	551	550	549	548	547	546	545	544	543
475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490
392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407
317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332
250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265
191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206
140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155
97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3
5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0
6	1	9	4	0	8	1	0	6	1	5	1	0	4	0	8

Quadrant 2

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31
77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62
118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103
153	152	151	150	149	148	147	146	145	144	143	142	141	140	139	138
188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	173
223	222	221	220	219	218	217	216	215	214	213	212	211	210	209	208
258	257	256	255	254	253	252	251	250	249	248	247	246	245	244	243
293	292	291	290	289	288	287	286	285	284	283	282	281	280	279	278
328	327	326	325	324	323	322	321	320	319	318	317	316	315	314	313
363	362	361	360	359	358	357	356	355	354	353	352	351	350	349	348
398	397	396	395	394	393	392	391	390	389	388	387	386	385	384	383
433	432	431	430	429	428	427	426	425	424	423	422	421	420	419	418
468	467	466	465	464	463	462	461	460	459	458	457	456	455	454	453
503	502	501	500	499	498	497	496	495	494	493	492	491	490	489	488
538	537	536	535	534	533	532	531	530	529	528	527	526	525	524	523
573	572	571	570	569	568	567	566	565	564	563	562	561	560	559	558
608	607	606	605	604	603	602	601	600	599	598	597	596	595	594	593
643	642	641	640	639	638	637	636	635	634	633	632	631	630	629	628
678	677	676	675	674	673	672	671	670	669	668	667	666	665	664	663
713	712	711	710	709	708	707	706	705	704	703	702	701	700	699	698
748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	733
783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768
818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803
853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838
888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873
923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908
958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943
993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978

Quadrant 3

Another example of a corner number in quadrant 2 is as follows:
On 11-27 the Sun degree is 244 and an SVP occurs when May soybeans traded at 659. The SNAPP number for that day was 257. The numbers projected in the vertical column above 257 would be 573/672, on the 45 degree line the numbers are 577/677. In the horizontal column to the right of 257 are 581 and 682.

The numbers in the lower series include 573, 577 and 581. The higher number series include 672, 677 and 682. Note that 672 is the lowest number in the high number series and 581 is highest number of the low series. The two projected numbers are therefore 581 and 672.

Another example is included showing computation when the SNAPP number falls on the number 21 in quadrant 3. On the 21st of August the Sun degree is 147 and the SVP was 585. The numbers projected in the vertical column below 21 are 516 and 611.

The numbers projected on the 45 degree line are 507 and 601. The numbers projected to the right of 21 in the horizontal column are 498 and 591.

The lowest high number and the highest low number of the series will give us 516 and 591.

As you can guess Quadrant 4 requires special treatment as it did in the SVP section. Let us first examine how we can deal with a SNAPP number occurring on this 45 degree line. In this instance we have two possible projections, whereas in the other quadrants we had 3 possible targets.

Let us work through another example to demonstrate the basic concepts used. On August 8 the Sun degree was 135 and an SVP was established at 561. The SNAPP number was nine (09). Our projections will include using the numbers beneath the number 9 in the same vertical column and the number located on the 45 degree angle. We have now only 4 numbers to deal with.

The numbers derived for this projection include 529 and 625 on the 45 degree line and 519 and 614 in the vertical column. Taking the highest low price and the lowest high price of these numbers will give us an answer of 529 and 614.

Special situation for quadrant 4 corner:

If we have had an SVP at a price of 584 and the SNAPP number for that day was 226, you will note that this is on the true corner to the left of the 45 degree line. We will therefore have two possible price projections from this point. We will use the horizontal column to the left of the number and the vertical column directly below. With this concept in mind, let us find the projected numbers for the above example. The numbers to the left of 226 are 534 and 631. The numbers in the vertical column are 526 and 621. Now our projections are 534 and 621 based on using the highest low and lowest high of the series.

By now you may think that we have covered every possibility. Not so. A situation could arise whereby the solar vibration point and the snapp number are in the same corner area. Let us give an example so that you may see the problem we have.

On 9-13 the Sun degree is 170 with an SVP of 535. The SNAPP indicator is 82. Here we find the number to the left of 82 is 537 and the number below 82 will be 523. In this case the range is very small, and will normally be of no significant use as we are 2 cents from the target of 537, and only 12 cents from the other projection of 523; however, if this problem should arise in the last days of a contracts life it may be possible that neither of these objectives may be fulfilled. These numbers would then be important in the following years contract. We will discuss unfulfilled objectives in a following section.

PRACTICE SECTION

By now we hope you have grasped all the elements needed to establish SVPs and use of the SNAPP indicator. We have included the following section for your practice. No pain--no gain. On the data print-out for November 1983 soybeans we have marked the Sun degree numbers and the market day numbers so that you can concentrate on finding SVPs and make the price projections using the SNAPP indicator. You will find extra data collection sheets in the appendix section should you wish to use them.

The November 1983 bean data was selected for you to practice with as it contains almost every type of situation you will encounter.

This November 1983 contract came on the board on August 23, 1982 at a price of 633. This date is therefore the start of our market day count.

As you look at the data collection sheet in this section, you will see in the first three lines we have given you the date of the first three SVPs with all other relevant information. As you work through the November soybean data and discover that an SVP has occurred, list the date in column 1. In column 2 list the Sun degree. In column 3 list the price of the SVP. In column 4 record the SNAPP number (market day number). List the two projected prices using the SNAPP number in columns 5 and 6.

The sun degree numbers listed on the printed data sheet have been taken from the sun degree sheet; however, on 10-14-82 (SVP date) the sun degree of 201 does not match the sun degree sheet number of 200. This is due to the fact that during market hours the sun would have been at 201 as calculated from the Ephemeris.

All the other SVP dates will however have the same sun degree number as the sun degree sheet.

As you work through the data you will occasionally need to use the large square of nine as prices moved into a higher range. This larger square should be used in the same way as the smaller square of nine.

Speed in completing this exercise is not of paramount importance, however accuracy in identifying SVPs and projecting prices correctly is your primary goal. Check your answers against the November 1983 data sheets found in the research section . If you have missed any SVPs, go back to the data and find out why.

If you have any failures or wrong price projections we suggest you return to the previous instruction section for clarification and study. If all your answers are correct, Congratulations, move on to the next section.

[illegible]

MD(SI)	SOYBEANS			11/83	SUN	
1	820823	633.000	633.000	633.000	633.000	149
2	820824	637.500	640.000	637.000	640.000	150
3	820825	638.000	638.000	631.000	635.000	151
4	820826	632.000	632.000	626.000	628.000	152
5	820827	623.000	623.000	614.000	617.000	153
6	820830	611.000	611.000	608.000	610.000	156
7	820831	614.000	616.500	612.000	616.000	157
8	820901	616.000	620.500	613.000	620.500	158
9	820902	622.000	624.000	622.000	623.000	159
10	820903	625.000	625.000	616.250	616.500	160
	820906	0.000	0.000	0.000	0.000	
11	820907	610.000	613.500	606.000	606.000	164
12	820908	606.000	609.000	605.000	605.500	165
13	820909	604.500	606.500	603.000	603.500	166
14	820910	603.000	603.500	602.000	603.500	167
15	820913	607.000	615.000	607.000	615.000	170
16	820914	617.000	618.500	612.000	613.500	171
17	820915	617.500	617.500	610.000	616.000	172
18	820916	617.000	622.500	612.500	622.500	173
19	820917	620.000	622.500	614.500	614.750	174
20	820920	609.000	612.000	606.500	609.000	176
21	820921	609.000	611.000	607.500	610.750	177
22	820922	608.750	609.000	603.000	603.000	178
23	820923	600.000	602.000	597.000	599.000	179
24	820924	598.000	600.000	594.500	596.000	180
25	820927	598.500	600.000	596.000	598.000	183
26	820928	600.000	600.000	592.000	592.000	184
27	820929	590.000	591.000	586.000	590.000	185
28	820930	590.000	592.000	587.500	587.500	186
29	821001	586.500	586.500	580.000	580.500	187
30	821004	575.500	577.000	571.500	571.500	190
31	821005	573.500	576.500	573.500	574.500	191
32	821006	578.500	579.500	578.000	578.000	192
33	821007	581.500	585.000	581.500	584.000	193
34	821008	585.000	586.000	574.000	574.000	194
35	821011	578.000	580.000	576.000	577.250	197
36	821012	577.000	579.750	575.000	578.000	198
37	821013	575.000	588.500	574.500	588.500	199
38	821014	590.000	593.500	586.000	591.000	200
39	821015	589.500	592.000	582.000	582.500	201
40	821018	581.000	585.000	578.500	579.000	204
41	821019	581.500	582.000	578.500	579.500	205
42	821020	582.000	585.000	582.000	585.000	206
43	821021	584.000	586.000	577.000	578.500	207
44	821022	574.500	575.500	573.000	575.000	208
45	821025	572.500	573.000	570.500	571.500	211
46	821026	572.500	575.500	568.500	575.500	212
47	821027	577.500	580.500	575.000	575.500	213
48	821028	579.000	579.000	575.000	575.250	214
49	821029	575.000	577.500	570.000	570.250	215
50	821101	574.500	575.000	570.500	572.000	218
	821102	0.000	0.000	0.000	0.000	
51	821103	575.500	585.000	575.000	578.500	220
52	821104	578.000	585.500	576.500	584.500	221
53	821105	585.500	593.000	583.500	591.500	222
54	821108	588.000	594.000	587.000	588.250	225
55	821109	590.000	594.250	589.000	593.000	226
56	821110	597.000	600.000	596.000	598.000	227
57	821111	598.000	605.000	596.000	597.750	228

58	821112	599.000	599.000	591.000	592.000	229
59	821115	590.500	591.000	588.000	588.500	232
60	821116	590.500	596.500	590.000	595.000	233
61	821117	599.500	600.000	595.500	596.000	234
62	821118	597.500	599.000	593.000	598.500	235
63	821119	604.000	605.000	595.000	596.000	236
64	821122	596.000	602.500	594.500	597.500	239
65	821123	597.500	597.500	593.000	596.500	240
66	821124	599.000	599.500	596.500	598.250	241
	821125	0.000	0.000	0.000	0.000	
67	821126	601.500	604.000	599.500	603.750	243
68	821129	605.000	605.000	595.500	595.750	246
69	821130	597.000	600.000	596.000	599.750	247
70	821201	600.500	600.500	594.000	595.750	248
71	821202	596.000	596.250	583.500	583.500	249
72	821203	585.000	587.000	582.000	582.250	250
73	821206	582.000	586.000	580.000	584.750	253
74	821207	587.000	592.000	586.000	590.750	254
75	821208	586.000	590.500	585.000	586.500	255
76	821209	587.000	593.000	586.500	592.750	256
77	821210	591.750	593.500	589.000	591.750	257
78	821213	590.000	595.750	590.000	592.500	260
79	821214	594.500	595.250	588.500	588.500	261
80	821215	589.000	590.000	585.000	589.250	262
81	821216	588.500	589.500	586.500	586.750	263
82	821217	588.000	589.750	587.000	588.750	264
83	821220	588.500	591.500	588.000	589.000	268
84	821221	591.000	591.500	589.000	590.250	269
85	821222	590.500	591.500	589.000	590.000	270
86	821223	590.000	593.500	588.500	592.000	271
	821224	0.000	0.000	0.000	0.000	
87	821227	592.000	599.500	589.500	594.500	275
88	821228	594.500	596.500	594.000	595.500	276
89	821229	597.000	597.000	591.000	591.500	277
90	821230	593.000	593.000	589.500	591.250	278
	821231	0.000	0.000	0.000	0.000	
91	830103	591.500	593.500	589.250	590.000	282
92	830104	590.000	590.000	585.250	587.750	283
93	830105	587.500	590.500	587.500	588.250	284
94	830106	588.000	590.250	587.500	590.000	285
95	830107	592.500	596.000	592.000	595.250	286
96	830110	600.000	606.500	599.000	605.250	289
97	830111	605.500	608.000	604.000	605.250	290
98	830112	605.000	615.000	604.500	615.000	291
99	830113	613.000	616.000	612.000	615.250	292
100	830114	614.000	621.500	613.000	618.500	293
101	830117	622.000	626.000	617.500	618.250	296
102	830118	615.500	625.000	614.000	624.500	297
103	830119	618.000	623.500	615.750	616.250	298
104	830120	616.250	619.500	612.000	616.750	299
105	830121	613.000	618.000	611.500	617.500	300
106	830124	617.500	631.000	616.000	630.250	303
107	830125	631.000	637.000	628.500	630.750	304
108	830126	631.000	636.000	626.500	633.250	305
109	830127	635.000	638.500	634.000	635.500	306
110	830128	633.500	634.000	630.500	632.500	307
111	830131	633.000	644.000	631.500	641.250	311
112	830201	641.000	645.500	639.000	640.750	312
113	830202	638.500	644.500	636.500	641.000	313
114	830203	641.000	642.500	635.500	635.750	314

115	830204	636.500	639.000	633.500	634.750	315
116	830207	636.000	637.000	630.500	630.750	318
117	830208	632.000	634.250	629.500	630.250	319
118	830209	631.000	631.000	626.500	629.250	320
119	830210	633.500	641.000	633.000	636.750	321
120	830211	638.000	639.000	635.000	637.750	322
121	830214	637.500	645.000	636.500	643.750	325
122	830215	644.000	645.500	638.500	639.000	326
123	830216	639.000	640.500	635.000	635.250	327
124	830217	634.000	641.000	634.000	638.750	328
125	830218	645.000	648.000	642.000	644.250	329
	830221	0.000	0.000	0.000	0.000	
126	830222	639.000	642.500	631.000	632.000	333
127	830223	626.500	635.000	626.500	629.500	334
128	830224	631.000	635.500	627.000	627.750	335
129	830225	627.000	628.500	619.500	620.000	336
130	830228	610.000	615.000	604.000	607.000	339
131	830301	612.000	613.000	609.000	609.500	340
132	830302	613.500	618.500	612.250	615.500	341
133	830303	616.500	617.000	613.000	616.250	342
134	830304	612.000	621.000	610.500	619.250	343
135	830307	620.000	620.500	615.500	620.000	346
136	830308	616.500	619.000	614.000	614.250	347
137	830309	615.000	623.000	614.500	622.250	348
138	830310	625.000	625.500	619.500	619.750	349
139	830311	615.500	618.500	612.750	614.750	350
140	830314	615.500	624.500	614.500	624.000	353
141	830315	621.500	624.000	619.000	619.250	354
142	830316	617.000	630.250	616.000	629.000	355
143	830317	629.000	643.500	629.000	639.500	356
144	830318	639.000	644.500	637.250	644.000	357
145	830321	644.000	654.000	644.000	652.750	360
146	830322	652.500	654.500	650.000	650.500	1
147	830323	675.000	679.000	668.000	675.250	2
148	830324	673.000	678.500	670.500	676.500	3
149	830325	673.000	675.500	668.000	668.250	4
150	830328	668.500	678.500	667.250	676.500	7
151	830329	681.000	682.500	677.000	677.750	8
152	830330	676.000	678.000	671.000	671.250	9
153	830331	671.500	680.000	670.500	679.750	10
	830401	0.000	0.000	0.000	0.000	
154	830404	681.000	690.000	681.000	686.750	14
155	830405	686.000	690.000	681.000	681.750	15
156	830406	681.000	683.750	675.000	678.750	16
157	830407	678.000	684.000	676.250	683.500	17
158	830408	684.500	691.750	684.500	690.000	18
159	830411	694.000	696.500	685.000	685.250	21
160	830412	684.000	686.500	679.000	679.750	21
161	830413	681.000	683.500	675.250	681.500	22
162	830414	683.500	684.500	669.500	670.000	23
163	830415	669.000	671.500	661.250	661.750	24
164	830418	661.000	667.000	660.000	666.000	27
165	830419	667.000	669.500	662.500	666.750	28
166	830420	667.000	667.000	660.000	663.250	29
167	830421	663.000	666.250	661.500	664.750	30
168	830422	676.000	691.000	676.000	687.000	31
169	830425	686.000	688.000	682.750	684.000	34
170	830426	681.500	686.500	679.000	685.750	35
171	830427	687.000	688.500	674.000	674.500	36
172	830428	675.000	677.250	670.500	676.250	37

173	830429	677.000	683.500	674.000	682.750	38
174	830502	683.000	685.000	677.250	678.250	41
175	830503	679.000	683.750	671.000	672.250	42
176	830504	671.500	672.500	667.750	670.250	43
177	830505	672.500	672.500	665.000	668.250	44
178	830506	668.000	669.500	666.250	666.750	45
179	830509	664.500	665.000	655.500	655.750	48
180	830510	656.500	664.000	655.500	663.500	49
181	830511	660.000	662.500	651.000	651.500	50
182	830512	649.000	654.750	647.500	653.500	51
183	830513	656.000	657.500	653.500	655.250	52
184	830516	652.500	660.250	649.500	657.500	55
185	830517	659.000	663.000	654.500	655.000	56
186	830518	657.000	659.500	651.750	654.750	56
187	830519	656.000	657.000	648.500	649.000	57
188	830520	646.500	647.750	636.500	637.250	58
189	830523	636.000	642.750	636.000	641.500	61
190	830524	643.000	648.000	636.500	647.250	62
191	830525	647.500	649.500	641.500	642.000	63
192	830526	641.000	645.250	633.000	633.750	64
193	830527	633.500	635.250	629.500	630.250	65
	830530	0.000	0.000	0.000	0.000	
194	830531	631.000	634.750	623.000	623.750	69
195	830601	622.500	628.000	620.500	623.750	70
196	830602	629.000	634.750	626.500	634.000	71
197	830603	633.000	636.500	631.500	636.250	72
198	830606	635.500	643.000	634.500	642.250	75
199	830607	640.000	641.750	636.000	637.000	76
200	830608	633.750	634.000	621.000	627.000	77
201	830609	629.500	632.000	627.500	631.500	78
202	830610	631.000	631.000	621.000	621.500	79
203	830613	624.000	624.000	613.250	619.000	81
204	830614	615.500	621.000	610.500	612.500	82
205	830615	611.000	614.000	608.500	611.000	83
206	830616	613.000	618.500	611.500	616.750	84
207	830617	616.500	617.250	612.000	612.500	85
208	830620	611.750	618.500	611.500	616.750	88
209	830621	620.000	628.000	619.000	626.500	89
210	830622	629.000	632.500	627.000	630.750	90
211	830623	631.000	631.000	625.000	629.000	91
212	830624	628.000	628.000	622.000	623.500	92
213	830627	619.000	619.000	602.500	603.500	95
214	830628	605.000	607.000	601.250	603.250	96
215	830629	605.000	605.750	598.000	598.250	97
216	830630	628.250	628.250	623.000	628.250	98
217	830701	629.000	638.250	626.000	637.250	99
	830704	0.000	0.000	0.000	0.000	
218	830705	629.500	640.000	624.000	636.000	102
219	830706	640.500	648.000	639.000	646.000	103
220	830707	646.000	653.000	642.500	649.750	104
221	830708	647.000	647.000	641.500	644.750	105
222	830711	655.000	674.000	655.000	667.500	108
223	830712	673.000	675.000	666.000	670.500	109
224	830713	666.000	670.250	662.000	664.250	110
225	830714	660.500	667.000	660.000	660.750	111
226	830715	663.000	683.000	660.000	673.750	112
227	830718	684.000	686.000	676.500	678.500	115
228	830719	682.000	697.000	682.000	695.500	116
229	830720	713.000	725.500	708.000	725.500	117
230	830721	741.000	754.000	713.000	728.500	118

231	830722	744.000	748.000	733.000	736.000	119
232	830725	716.000	738.000	710.000	736.500	121
233	830726	744.000	746.250	708.000	717.500	122
234	830727	721.000	728.000	713.000	723.750	123
235	830728	745.000	749.250	733.500	737.500	124
236	830729	732.000	735.000	713.000	726.000	125
237	830801	725.000	756.000	722.000	755.000	128
238	830802	765.000	776.000	763.000	768.500	129
239	830803	768.000	794.000	766.000	791.000	130
240	830804	798.000	798.000	783.000	791.500	131
241	830805	787.000	819.500	785.000	817.500	132
242	830808	815.000	835.000	795.000	804.500	135
243	830809	801.000	810.000	799.000	803.500	136
244	830810	814.000	833.500	814.000	833.500	137
245	830811	845.000	862.500	838.000	860.250	138
246	830812	870.000	888.000	853.500	875.000	139
247	830815	897.000	905.000	890.000	905.000	142
248	830816	935.000	935.000	880.000	925.000	143
249	830817	924.000	935.000	902.000	914.000	143
250	830818	904.000	904.000	884.000	884.000	144
251	830819	854.000	874.000	854.000	854.000	145
252	830822	884.000	884.000	884.000	884.000	148
253	830823	914.000	914.000	908.000	914.000	149
254	830824	914.000	940.000	910.000	937.000	150
255	830825	967.000	967.000	930.000	943.000	151
256	830826	928.000	951.000	916.000	947.500	152
257	830829	942.000	948.000	917.500	919.750	155
258	830830	901.000	905.000	889.750	889.750	156
259	830831	881.000	914.000	881.000	911.500	157
260	830901	912.000	919.000	881.500	881.500	158
261	830902	882.000	911.500	882.000	910.750	159
	830905	0.000	0.000	0.000	0.000	
262	830906	918.000	934.000	912.000	931.500	163
263	830907	929.000	939.500	921.000	929.500	164
264	830908	926.000	929.500	920.000	927.250	165
265	830909	941.000	954.000	940.000	948.000	166
266	830912	946.000	949.500	938.000	938.500	169
267	830913	956.000	968.500	910.000	911.500	170
268	830914	909.000	915.000	885.000	887.500	171
269	830915	881.000	893.000	857.500	857.500	172
270	830916	853.000	878.000	842.000	873.000	173
271	830919	883.000	903.000	879.000	903.000	175
272	830920	914.000	914.000	888.000	899.000	176
273	830921	929.000	929.000	929.000	929.000	177
274	830922	948.000	957.000	920.000	923.000	178
275	830923	922.000	930.000	903.000	909.000	179
276	830926	907.000	909.000	879.000	879.000	182
277	830927	870.000	897.000	870.000	895.500	183
278	830928	902.000	910.500	865.500	868.000	184
279	830929	863.000	863.000	841.000	854.000	185
280	830930	861.000	871.000	845.000	866.000	186
281	831003	862.000	865.000	841.000	858.000	189
282	831004	862.000	864.000	828.000	829.000	190
283	831005	826.000	840.000	816.000	839.000	191
284	831006	841.000	864.500	838.000	860.000	192
285	831007	858.000	863.000	844.000	845.500	193
286	831010	838.500	853.000	820.000	851.000	196
287	831011	847.000	860.000	843.000	850.000	197
288	831012	848.000	848.500	834.000	835.500	198
289	831013	846.000	865.500	846.000	865.500	199

290	831014	874.000	890.000	870.000	888.000	200
291	831017	884.000	896.000	877.000	879.500	203
292	831018	878.000	883.500	866.000	869.500	204
293	831019	867.000	868.500	840.000	844.000	205
294	831020	837.000	837.000	815.000	819.000	206
295	831021	822.000	836.000	808.000	832.000	207
296	831024	828.000	835.500	822.000	823.000	210
297	831025	834.000	845.000	834.000	840.000	211
298	831026	834.000	834.000	810.000	810.000	212
299	831027	804.000	828.000	796.000	824.000	213
300	831028	827.000	834.000	822.000	826.000	214
301	831031	821.000	838.000	811.000	812.000	217
302	831101	817.000	825.500	809.750	823.000	218
303	831102	831.000	846.500	830.000	843.250	219
304	831103	839.000	855.000	832.000	854.000	220
305	831104	851.000	859.000	847.000	857.000	221
306	831107	852.000	860.000	851.000	858.500	224
307	831108	857.000	857.000	848.500	850.500	225
308	831109	848.500	860.500	847.000	852.750	226
309	831110	849.000	853.500	847.500	851.500	227
310	831111	847.000	854.000	827.500	828.000	228
311	831114	826.000	830.000	812.000	826.500	231
312	831115	827.000	830.500	816.000	819.000	232
313	831116	813.000	813.000	789.000	789.000	233
314	831117	791.000	795.000	769.000	790.000	234
315	831118	788.000	788.000	780.000	784.500	235

ANALYSIS

We hope you should be aware that by now, keeping your records accurate and up-to-date is of paramount importance. In this section we will show you how to utilize the projected numbers to the best advantage possible. Let us walk you through the step by step approach you will need to take once you have decided on the contract you wish to research .

How about us using the November 1993 soybean contract? OK.

Following our basic procedures we would advise you to verify the date and opening price with the exchange on which the contract first traded . The date procured from the CBOT was 4-07-92 with an opening price of 610.

You will need to acquire daily price data from the first day of trading for this contract. Please double check the CBOT first trade date with the date on your printed price data for verification.

IF YOU FAIL TO START YOUR MARKET DAY COUNT FROM THE BEGINNING OF A CONTRACT, ALL PRICE PROJECTIONS WILL BE INCORRECT.

We do not recommend that you calculate your market day count from a calendar as holidays and unforeseen circumstances can alter your count (Eg. CBOT flood and power failure in 1992).

One source of data which we acquired had prices listed for holidays. Please check your data carefully for any obvious errors that may have occurred.

Another reason for acquiring data from the start of a contracts trading is to be aware of any unmet projections which may have occurred from early SVPs. We strongly recommend you take the time and effort to complete all SVP and SNAPP research related to the current contracts you are trading.

Having taken the steps to acquire the correct information you can start to work through the data to establish possible SVPs and Projected prices. We recommend that you follow our simple procedure in using our data collection sheet. All 6 columns should be filled in as all the information is relevant.

When you have completed your research on the contract with all the SVPs and Price projections tabulated in order of their occurrence on the data collection sheet, you are then ready to start your analysis.

Using the November 1993 Soybean data we will walk you the next procedure. On May 4, 1992 an SVP was established at 611. Our SNAPP number was 17, and the projected prices were 587 and 666. From this date forward these price objectives will remain valid until one of them has been achieved (either hit or traded through).

When one of the two numbers (PP1 or PP2) has been met, underline (circle or star) this number on your data sheet.

YOU MAY NOW DISREGARD THIS PARTICULAR SET OF PROJECTED PRICES AS THE OBJECTIVE HAS BEEN REACHED.

Remember, we cannot predict a specific number of days required for the objective to be met. However, our historical research on November beans indicates that before the contract expires there is a 95% probability that the target or objectives will be achieved.

Looking back at our first example we can tell you that it took approximately ten weeks for November 1993 beans to trade down to its price objective of 587.

When you have several SVPs and valid unmet price projections on your data collection sheet do not be surprised at the order in which they are met as it is totally random. It is possible on your data collection sheet to mark off a recent projection leaving several unmet earlier projections.

This is a normal occurrence, and all unmet earlier projections will still be valid.

All of the price projections in the 1993 November bean contract were met with the exception of one. The set of projections which were calculated on August 12, 1993 were not achieved. You may think of this as a failure, however, using these numbers in the following years contract (Nov-1994) can be extremely useful and rewarding. In certain instances we are able to obtain a single price objective. Yes, we did say "single". We will give an example of this in the preceeding pages.

Whenever a current contract expires you must make a note of all unfulfilled objectives. Using the 1993 example the unmet projections were 595 and 696.

Our research has shown that these unmet projections should be considered in the following years contract. (should be is an understatement).

On Nov. 18, 1993 the November bean contract expired (went off the board) at 684 leaving the 595 and 696 price projection set unfulfilled. On Nov. 18, 1993 the new Nov. 1994 contract closed that day at 635 3/4.

The Nov. 1994 contract has therefore 595 or 696 as its future price objectives. We are looking for either a 61 cent up-move to the 696 price or a 40 cent decline to 595. On this occasion the target objective of 696 was reached on June 17, 1994. November 1994 soybeans also made a contract high that day at 699, before beginning a precipitious decline. DO YOU AGREE THAT THE INFORMATION GARNERED FROM THE PREVIOUS YEAR WAS USEFUL? We think so and so should you.

Checking through the research section in the back of the book will prove our theory to be valid, in fact in the November bean contracts all unmet price objectives carried over to the following years contract have been achieved(100%).

Let's take another example in which we have to carry over 3 sets of unmet price objectives. The November 1983 soybean contract expired on 11-18-83 at a price of 784 1/2. There were 3 sets of unmet price objectives left in that year.

These price objectives were

763 and 878 764 and 879 765 and 880

The following November 1984 contract closed that day at 681 1/2. This was a nice situation to occur. Believe us!!!

Observe that the 681 1/2 of the current November contract is not encompassed in any of these 3 price sets. We can therefore deduce that the price must move higher to reach any of the above targets. In this special situation we have only single price objectives. These are 763, 764, and 765. The 765 is our ultimate target as beans must trade through the 763 and 764 prices to reach the 765 objective. Did the November 1984 beans reach the 765 objective? Having an upside objective of 83 1/2 cents in order to reach 766 may indeed seem a tall order.

On June 20, 1984, the November contract traded at the contract high of 771- thus fulfilling all of the carried over objectives. A major decline of \$2.00 (\$10,000 per contract) then ensued in the next five months.

Let us recap on this most important point. In the last example you could only arrive at a single price objective. This was because the price of the following contract was not encompassed by any of the three price projection sets taken from the 1983 contract.

Patience was required for these targets to be achieved as it took nearly seven months for the price to move to its objectives. You should by now be convinced that looking at the previous years unmet objectives is extremely useful and profitable.

To fully take advantage of our findings we strongly advise that you take the time and effort to work through the data of the previous contract to establish whether there are any unfulfilled objectives remaining .

We would like to again caution you when using price projections . Single number price projections can look very tempting and we would not disagree with this fact, as "direction" is indicated. We cannot guarantee that future price projections will always be hit; no one can. Do not have a mind set that these numbers are infallible. We are always aware that failures could occur. Proper money management is essential as projections can be hit many months later. Remember, the market is always right. Options may be the best vehicle for trading our numbers as you can limit your losses.

When using the two price projections our research indicates that prices have gotten within a 1/2 cent of one of the targets and then reversed and hit the other. We have also had instances where a target was missed by 1/2 cent, then prices were corrected by 30 cents or more before returning to take out the objective. YOU HAVE BEEN WARNED.

CYCLIC SVP BEHAVIOR PATTERNS

Working through the data while compiling this book we noticed that certain SVP numbers were repeated during the same contract year. It was not unusual to find that a number was repeated 2 , 3, and even 4 times in the life of a contract. After this phenonema occurred we noticed that the market made substantial moves (up or down). Studying the Nov, 1972 bean data we noted that two SVPs occurred at 332 and two at 334. We believe that energy was being

created in the market for a significant move. There was a 10% upmove in less than a month.

Another example which we feel is significant is found in the 1974 bean contract. There were 2 SVPs occurring at 519, and 3 at 541. The upmove was explosive to say the least. Beans traded above \$9.00 producing massive profits for traders on the long side of the market.

As this is only a recent observation we do not want you believing that this phenonema will always move the markets higher. There are other examples in the data section which you can research. Be alerted that there can be declines as well as up-moves.

NOVEMBER AND MAY BEAN CONTRACTS

In the research section of this book we have included 23 years of November bean data . We have also researched 23 years of May beans to verify that the SVP and the SNAPP worked well on a different contract month. Why did we use these two contracts?

The renowned trader and author, W. D . Gann used these very contracts in his own research and trading. We chose to follow in the great mans footsteps, although there are other personal reasons. We believe the November bean contract is an important contract to follow as at the end of expiration production factors are known. Good open interest in this contract throughout the year makes it easier to trade. The May contract also has good open interest .

ANALYTICAL TOOLS

We have found the square of nine helpful in establishing entry, exit and stop loss points. These points are located on the $22\frac{1}{2}^{\circ}$ line, the 45° , and the cardinal lines. After much observation we believe the 45° line and the cardinal lines are more significant. We understand that many floor traders are aware of these points and trade off them accordingly. These points can be important support and resistance areas. When the Sun degree is situated on the corner or cardinal we believe the lines are more important or powerful. Note that as you move towards the outside of the square the increments between the lines get larger.

When soybeans trade in the five or six dollar area the increment between lines on the square are such that they offer a reasonable stop protection. A longer term position may require using a larger stop; for example using corner to corner, or corner to cardinal depending upon your risk assessment.

Through daily study of price action in relation to the square you will soon develop a "feel" of market sentiment for that particular contract.

If for any reason prices are trading at numbers larger than 1089 (largest number on small square) you will need to use the larger square of nine for your computations. This larger square should be used with the same basic concepts as the smaller square.

During the year there are some events that you should always be aware of. In the grain markets these include the monthly government reports, carry over and crush figures, exports, and weather information. Traders should be aware that taking positions before a major report can be disastrous; however, waiting a day or two and observing price action may give credence to your thinking or keep

you out of trouble. Eg. Bullish crop report and bearish price action is a warning sign.

For small traders the mini contract on the Mid America exchange offers an opportunity for gaining trading experience in various commodities. This can also enable traders with small accounts to diversify their portfolio. Since these contracts are 1/5th to 1/2 the size of a regular contract you may need to negotiate a smaller commission fee.

An interesting piece of information that we use to ascertain if grain prices are in balance with each other is based upon the protein and feed value of the grains. A "rule of thumb" involves these ratios. Corn = 1. Wheat = 1 1/2, and soybeans= 2 1/2 . Supply and demand will effect these ratios. When they are out of balance trading opportunities will present themselves as they will eventually get back in proportion. In October of 1994 the corn- wheat spread had widened to historical levels when the corn-wheat spread was trading over a 2 to 1 ratio. As we write this material the spread has narrowed to 1 to 1.50. You will have many trading opportunities using this information if you are patient enough .

The Commitment of Traders Report (C.O.T.) has been compiled by the CFTC since 1992. This information was released on a monthly basis, but from the end of 1990 the report has been released bi-weekly. This should have increased the effectiveness of the information.

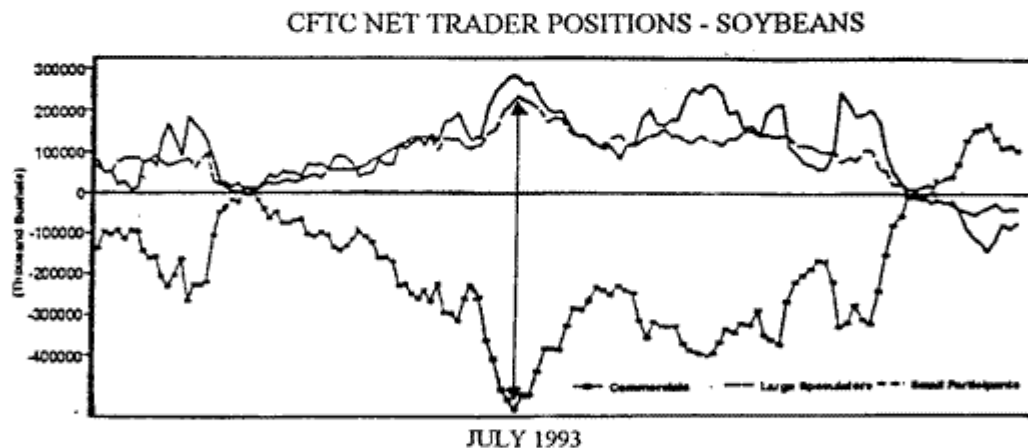
The report publicizes the positions held by (1) the commercials-trade (2) the large speculators, and (3) the small speculators.

It is a well known saying that the small speculators are nearly always wrong in the market. It would therefore be prudent to use this information in your analysis.

The commercials or trade are called the "smart money", and are almost always right in predicting the market on a long term basis. It would seem logical therefore that when there is a wide disparity (historically) between the commercial positions and the small speculators we should be alerted for possible trading opportunities.

As you can see from the diagram in the Summer of 1993, the commercials had taken large short positions with the small speculators heavily opposed. As usual the small speculators took a "beating" when the price fell a \$1.70 per contract. (\$8500).

The C.O.T. report is useful for other markets and is reported by some chart services. More information on the C.O. T. report can be secured from the following sources found in the appendix.



1994 NOVEMBER BEANS ANALYZED

November 1994 soybeans came on the board at 5.99 on December 15, 1992. This contract had a life of almost 23 months. One can understand why much can happen to prices in this contract as it traded through two growing seasons.

The first day that we found prices listed for the November 1994 contract in the Wall Street Journal was January 21, 1993. This was more than a month after it first came on the board.

You will find the complete 1994 November price data listed at the end of this section. You will also note that we have added an extra data column on the price sheets. First, the market day number is listed to the left of the date and is located in column 1. Column 2 is the date column. The open, high, low, and closing price is found in columns 3, 4, 5, and 6. The 7th column contains the average price of the day. This number was calculated by adding the open, high, low and closing price and dividing by 4. We believe this number is a very valuable asset and have a section later in the book to help explain how swing charts and averages can be used to complement your work.

The first 21 days of this contract had little volume and the open interest was negligible. The open, high, low and close was often the same indicating few or no trades were made.

Our first SVP on 3-01-93 gives us two projections of 540 and 637. Beans have been on the board for 52 days, and at this time have had a relatively small range from 588 to 607. Our first projections will give us a 41 cent up-move or a 56 cent decline. On the date when an SVP occurs place 2 dots in pencil on your bar or swing chart indicating the projected prices. Draw a horizontal line to the right of each dot until beans trade at or through one of the lines. Discontinue

drawing the horizontal line at the time it intersects the target price on the chart; however, coloring this line to distinguish it from other markings may be helpful. Erase the line which indicated the other target as it is now no longer valid and too many lines may be confusing.

Our second SVP occurs 3 days later, and our targets are 640 and 543. Note the proximity of both high and low targets to each other as you place the second set of dots on your chart. Over a month passes before we have our third SVP on April 12th. This time our SVP at 612 will give us an upside target of only 617, but creates a downside target of 529 which is 83 cents below the current price.

Our fourth SVP occurs 15 days later on May 3rd at 592. As you place the 664 projected target on your chart you will notice it is the highest target to date, and much higher than the other 3 high targets. The low target of 565 is only 27 cents below the closing price that day.

We have our 5th projection on June 1, at 591. This price is one cent below our May 3rd SVP, but what a difference we have in our price projections. The 613 becomes our high target, while the new low target is 518. This would require that the price must decline 73 cents to reach this target.

The beans make a contract low of 581.50 on June 4-93. Now our downside targets of 540, 543, 565 and 518 seem feasible. However, ten days later the November beans trade above the \$6.00 level.

The first target to be met was from our 5th SVP of June 1, 1993, and the target of 613 was reached on the 23rd of the month when beans traded as high as 615. Our 3rd projection was hit on 6-30 when beans traded through the 617 target. As beans continue to trade higher the 2nd projection of 640 is reached on the 6th of July when a contract high of 650 is made.

How can we tell which objective will be met first? We can't. What we do know is that as long as the contract low of 581.5 is not violated our upside targets are reasonable and attainable.

Our 6th SVP is on July 23rd at 625. What a projection !! We have a new high target of 692 and a low of 591.

Our 7th SVP of July 27th, 1993 projects a high target of 694 and a low target of 593. We now have two targets above 690, but for the next three months beans trade between 610 and 640, and show no indication of taking out the 690 targets nor the lows in the \$5.00 area.

We have two more SVPs in September. The one occurring on September 10th gives us a high target of 661 and a low of 562. Since the next SVP is on 13th, one market day later, our projections will vary by only 1 cent, giving us 662 and 563 as projections. It is four months later on January 13, 1994 that both the September targets of 661 and 662 are met.

It is not until the early part of November 1993 that beans begin to move up, and then on 11-10 we have a 25 cent move that propels them up to the high of 650 again.

On November 15, 16, and 17 the SVPs which occur are interesting in two respects--the Sun degree and the market day number are the same. One of the price projections is the same number as the current price. We have not attempted to project prices when this happens as beans are presently trading at their target. You will find only one projected number on the data collection sheet.

The November 1993 bean contract expired on November 18 at 684.25 leaving one set of unmet targets. Enter this on your bar or swing chart with the

dots at 696 and 595. You may want to * these dots to differentiate them as carry overs. Note also that this entry is the highest number projected to date.

There are no SVPs to record in December, nor are any of the prior projections met.

On January 13, 1994 beans make a new high of 565, and our 4th projection made in May of 1993 is reached.

We have SVPs on the 27th and 28th of January which give us the highest numbers yet. We enter our dots at 718 and 719, and the lower ones at 615 and 616. Incidentally, the 1994 beans could never reach \$7.00, but note the lower targets were met on April 5th.

Our 15th SVP occurs on March 22 when beans trade at 651. We have projections of 668 and 569. The 668 high target is met on May 23rd.

The 16th SVP of March 24 is also made at 651. At first glance one may ask how could we have an SVP of 651 and two days later have another at 651. This is most unusual, but the Sun degree at 1 and the Sun degree at 3 will be aligned at 651 both days. These targets are met on May 23rd also.

In April there is not much for producers to cheer about as prices trade down to 607 on the 18th. The three SVPs in the 612 area do indicate to the "bulls" there may be an opportunity to trade at higher levels as the high targets 690, 692, and 693 form a cluster of target lines in this area.

The month of May 1994 has the most SVPs occurring as well as being the month with the most targets hit. May 6th has an SVP of 612 which is the same as the current price--so we ignore making dots as beans traded at that price on the 6th, but do record the SVP and the 612 on the data collection sheet.

The May 9th, 10th and 11th projections present an unusual problem in one respect. We would compute the two price projections each day and record them on

our data collection sheet; however, note beans trade at the same price as their low projected number so it is not necessary to enter any projections on the bar or swing chart.

After the 610 low is made on May 11th, beans have an up move of 83 cents and trade at 693.25 on May 23rd. Our high targets from April are all achieved, as was the 692 projection from 7-23-93, when beans have a gap opening of 30 cents. This one day spike of 30 cents was an aberration as beans decline 59 cents three days later.

Our 24th SVP on May 18th occurs with the Sun degree at 57 which is a corner number. We listed the SVP at 642, but 651 and 660 would also have been correct as beans traded at all three numbers that day. Beans opened at 640 and the first number reached was 642. Dots for targets of 620 and 723 need to be made. We now have a target above \$7.00.

With a series of SVPs at May 19th, 20th and 24th, we have low targets of 621, 625, and 630 which form a cluster in this area. We must also enter dots at our high targets of 724, 725 and 735. These projections are 60 cents above our current price.

The May 24th projection of 630 is met on June 6th; and on June 27th our target of May 20th is met when beans make a low at 625.

The lower projections of May 18th and 19th are reached on July 1 when beans trade at 607.

The third large up-swing ended on June 17, 1994 at \$6.99, achieving the carried over target of 696 from the November 1993 contract and a 694 objective from 7-27-93. It is amazing that from this day forward the market collapses to a low of 526 3/4. There is an SVP on June 22 at 651 which gives us projections of

557 and 656. The high target of 656 is reached 4 days later and we now erase our 557 line.

Our cluster of SVPs on July 5th, 6th, and 8th occur at 585, 586 and 588 when soybeans fall \$1.00 in less than two weeks. Note that our low targets of 565, 566 and 568 are only 20 cents below our current price, while the high targets of 664, 665 and 667 are approximately 80 cents from the present price.

Again, we are never certain which projection will be met first, but in this situation we do know that as long as beans trade below the 601 corner, the lower targets are very probable. Beans do not trade above 590 and all 3 projections are met two weeks later on July 19th when beans trade as low as 554.

In August we have a sequence of SVPs starting on August 5th and continuing until August 12th. This can and will happen when the commodity gets in a sideways pattern and moves slowly in the direction of the Sun degree's path.

We have our last SVP on September 26th, when beans trade at 553. Our low projection is 538 and the high one is 635. The low target is met 4 days later when beans trade at 535.

The November 1994 Soybean contract expires on November 18th at 561.5 leaving all of the August projections unmet.

On this day we find that the 1995 contract closed at 600.5. Now we have examples of a single target to reach as both projections from the August SVPs are below 600. The 1995 contract trades below 590 before the end of November, and therefore all of the 1994 SVPs have been met.

A summary of all of the 1994 SVP follows with the date of each, the target which was achieved, and the date on which the objective was met. We did not reproduce the date the target was achieved in our historical data, but you might like to do so in future research.

SUMMARY OF 1994 AND TARGET ACHIEVEMENTS

Number	Date	Target	Date Achieved
1.	3-01-93	637	7-06-93
2.	3-04-93	640	7-06-93
3.	4-12-93	617	6-30-93
4.	5-03-93	664	1-13-94
5.	6-01-93	613	6-23-93
6.	7-23-93	692	5-23-94
7.	7-27-93	694	6-17-94
8.	9-10-93	661	1-13-94
9.	9-13-93	662	1-13-94
10	11-15-93	638	
11	11-16-93	639	
12	11-17-93	640	
*	8-12-93	696	6-17-94
13	1-27-94	615	4-05-94
14	1-28-94	616	4-05-94
15	3-22-94	668	5-23-94
16	3-24-94	670	5-23-94
17	4-12-94	690	5-23-94
18	4-14-94	692	5-23-94
19	4-15-94	693	5-23-94
20	5-06-94	612	5-07-94
21	5-09-94	613	5-10-94
22	5-10-94	614	5-10-94
23	5-11-94	615	5-11-94

24	5-18-94	620	7-01-94
25	5-19-94	621	7-01-94
26	5-20-94	625	6-27-94
27	5-24-94	630	6-06-94
28	6-22-94	656	6-18-94
29	7-05-94	565	7-19-94
30	7-06-94	566	7-19-94
31	7-08-94	568	7-19-94
32	8-05-94	592*	
33	8-08-94	593*	
34	8-09-94	594*	
35	8-10-94	595*	
36	8-11-94	596*	
37	8-12-94	597*	
38	9-26-94	538	9-30-94

Notice the * between numbers 12 and 13. This indicates the unmet projection from the 1993 contract.

The six unmet 1994 projections numbered 32 to 37 have been starred , and were achieved late in November and December of 1994 by the new November contract.

AVERAGES, SWING CHARTS AND THE SQUARE OF NINE.

It is necessary to keep a daily record of the open, high, low and close to fully utilize the information presented. Next we recommend that you compute the average price of the day by adding the open, high, low, and close and divide this number by 4 to give the daily quotient (average). We have recorded this for you on the daily 1994 November bean data.

You can construct a swing chart without having the average price listed; however, as we work through the data we hope you will find that this extra step will be worth the time and effort required to compute it.

How small or how large do you make a swing chart is always a question among chartists. Too many swings are worthless as most traders cannot or would not want to jump in and out of the market that frequently. When the swing charts include only the very large turns one is likely to miss important clues for trading.

We have drawn 66 turns on the swing chart included on the following pages. In the early part of this contract the swings are as small as 6 cents, but in the later part of the contract when there is greater volatility the swings are as large as 80 cents.

Where do you start to construct a swing chart? After collecting 8 or 10 days of data you should be able to locate either a high or low number which we suggest you circle in pencil. If it is the low number this number will be the lowest number in this series. We have circled 598 on December 17th and 18th as our beginning low. For the next 8 days beans trade higher until on the December 31st they trade as high as 606.

The next day, January 4th, we circle the 606 as a possible high when beans trade at 602. Six days later a low of 600 is made so now we pencil in the 600 and wait to see if it will hold. It does, and 7 days later beans make a new high at 607. Our first 3 entries were correct and needed no adjustment.

On Feb. 1 we have a low at 592 which we would pencil in. This is a false signal as 4 days later beans trade at a new low of 588. Erase the 592 and circle the 588 on February 5th and 8th. We are in doubt about this low holding as beans trade at 589 four times in the next nine days, and it is not until beans close at 594 on the 24th that the low is confirmed. Observe the high column now for a possible high. We have a high of 603.5 on March 2nd with a close at 602. Note this high does not hold as beans decline 8 1/2 cents to trade at 595 on Mar 12. We circled the 603.5 when beans broke the 601 on March 5th.

We have 15 cent rebound in 9 days as a new contract high is made at 610.5. We circle the 610.5 made on March 26th. As you circle the 610.5 note that there are two 610s directly above so that you could circle all three. The pull back to 603 was quick as it took only 1 day and the up move began again. This time it takes out the previous high and beans make a new high at 616.

Let us recap on these ten turns and combine them with the information from the average price column.

The 598 low confirmed in average price column. Note that 598 is circled in both. The 606 high is circled in average column as high. Next, the 600 low matches the 600 low in the average column.

The average high of 605.87 on January 20th is the high in the series, matching the high of 607. The averages continue to decline as do the bean prices. We have a new average low of 594.25 on the February 1, and again on the 2nd.

THIS 594.25 IS A FALSE SIGNAL. NOT ALL SIGNALS MOVE
IMMEDIATELY IN OUR FAVOR.

Let's look at the "what if" scenarios. If you were watching the screen on March 1, you may have bought beans when they traded at 592 and closed at 595 as this was a new low for the contract. The next day on February 2nd we have a new low close of 594.25. This 594.25 matched our average close for the day also. Two days later the average price is a new low of 593.62 which may have warned that the low of 592 may not hold. On the 5th and 8th of February the new low is made at 588. As you circle double lows, highs and closes, note how often they provide insight into market movement.

Any traders who purchased at the 593-594 area would note the new low close and be aware they may have a drawdown or a loss on their position.

The astute trader could have abandoned his position on the 593.25 close and waited if he had gone long too early. The trader who was still short from the 607 area has several opportunities to take profits at 589.

A drawdown of 5-8 cents occurred depending on where you entered the market. Study the average price column of 2-08 and note that the low price of that day was 589.37 which was not violated until June 2nd. We find the averages of 595.87, 589.81, and 589.75 occurring between February 8th and 18th, but they remained above the low of 589.37.

On March 2nd we have a high of 603.5. The average price for the day is 601.5. With this same average price of 601.5 the next day we mark the high at 603.5. In this instance our two prices of 601.5 confirmed the high, and proved correct.

If you circled the low of 597 on March 8th you must erase it as beans decline to

595 on March 12th. Note how the low average of 598.31 and again on March 13th gave us an excellent clue that the low of 595 was our low in this series.

The 15 cent upmove on 3-23 and 3-24 was accompanied by a high average of 609.15 on the 24th. Was this a warning? Probably, as the high on the 26th at 610.5 closed down at 605. The low of 603 the following day was not verified from the average price column until the 30th when we circle the average low of 604.75 as the same number as our low of 3-26.

The up move to 616 takes 10 days. Note the average of 614.87 will be circled as we also verify 616 as the new high.

From Dec 15, 1992 to April 8, 1993:

1. We have reviewed the first ten swings using the highest number in the series and then the lowest number in the following series. These numbers can be traded as a single entity with proper stops.

2. We have computed the daily average to assist in confirming small or intermediate highs and lows that indicate a change in trend may have occurred.

3. We now introduce the third concept to keep in mind while trading any market. ALWAYS BE AWARE OF THE CARDINAL AND CORNER NUMBERS ON THE SQUARE OF NINE THAT ARE IN THE PRICE RANGE OF THE COMMODITY BEING TRADED.

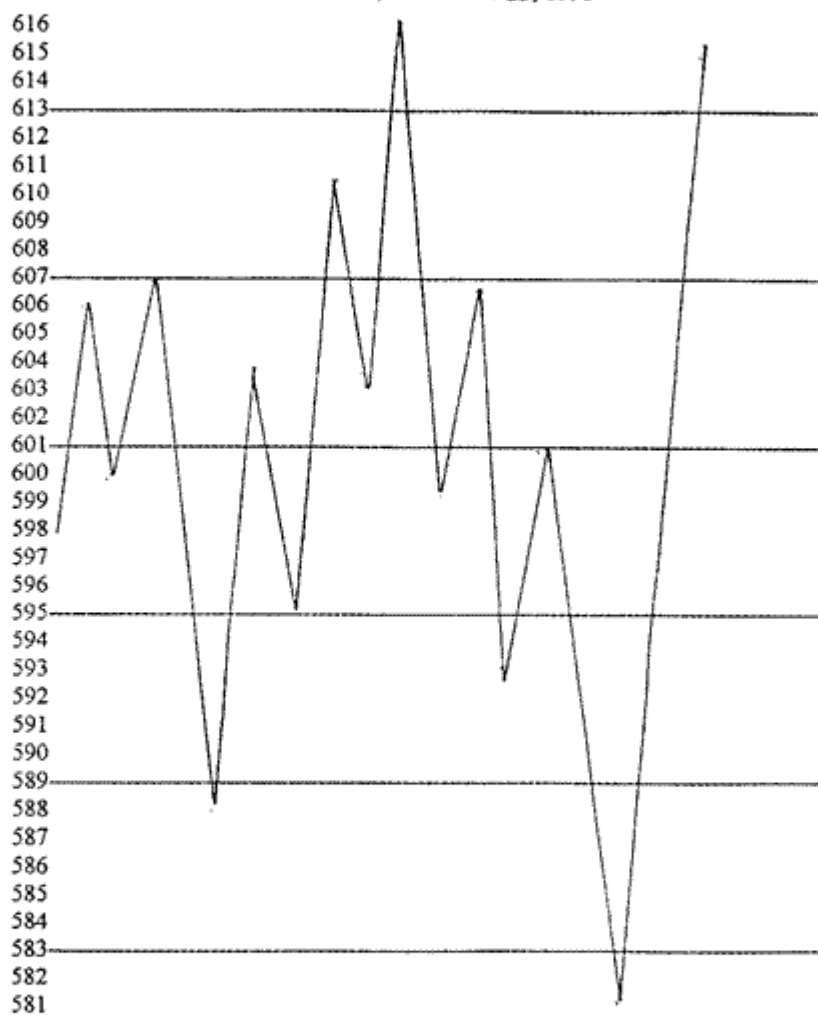
Examine the daily price sheets. Notice that beans traded in quadrant 3 for most of the first 4 months. There was a two day period when they traded below the 589 cardinal at 588, and on April 1st prices ran up above the 613 cardinal.

Until these numbers from the Square of Nine are really familiar to you, we suggest that you add these lines to your bar or swing charts. We realize this many lines may be confusing as some of the SVP projections will be the same number

as a corner or a cardinal number. Many of our charts have the cardinal lines colored red, the corner lines colored green, and the 22 degree lines in purple.

November 1994 Bean Chart with Square of Nine lines

December 15, 1992- June 23, 1993



Note that the 589 cardinal offered a buying opportunity when the double low of 588 and the average low 589.37 confirmed a turn was imminent. A stop at the 22nd line of 583 was never in jeopardy.

Be aware that the swing chart had higher highs and higher lows until it traded through the 613 cardinal to a high of 616 before reversing.

If you had not shorted the market near the 616 top, there was ample opportunities in the next few days. A close below the cardinal of 613 on 13th of April gave fair warning that a turn was occurring.

The decline takes prices through the 607 line and the 601 corner all the way to 599. Beans attempted to retrace, but never got back to the 607 line, so any stops at 607 would have been safe.

Beans during this period are making lower highs and lower lows which would have given you confidence to stay short the market. On June 1, the previous low of 588 is violated as a new low of 581.5 is established on June 4th.

A sideways pattern developed for the next two weeks as beans cannot close above the 589 cardinal. When we do have a close at 589 it is followed by a gap up to 597.

There is an old rule in the markets that "gaps are normally filled". We would agree entirely with this statement. Swing charts are constructed in such a manner that gaps are never shown; however, we suggest you make a special note of gaps on your charts.

With our basic concepts of using swing charts, average price and lines on the Square of Nine any trader should be able to incorporate these tools into his own trading plan with some success. Always use a money management system with your analysis.

We wish you good trading!

MD(SI)		SOYBEANS		11/94		Average
1	921215	599.000	599.000	599.000	599.000	599.00
2	921216	599.000	599.000	599.000 *	599.000	599.00 *
3	921217	598.000	598.000	598.000 *	598.000	598.00 *
4	921218	598.000	598.000	598.000	598.000	598.00
5	921221	604.500	604.500	604.500	604.500	604.50
6	921222	604.000	604.000	604.000	604.000	604.00
7	921223	604.000	604.000	604.000	604.000	604.00
8	921224	604.500	604.500	604.500	604.500	604.50
	921225	0.000	0.000	0.000	0.000	
9	921228	603.000	603.000	603.000	603.000	603.00
10	921229	604.000	604.000	604.000	604.000	604.00
11	921230	604.000	604.000	604.000	604.000	604.00
12	921231	606.000	606.000 *	606.000	606.000	606.00 *
	930101	0.000	0.000	0.000	0.000	
13	930104	602.000	602.000	602.000	602.000	602.00
14	930105	603.000	603.000	603.000	603.000	603.00
15	930106	605.000	605.000	605.000	605.000	605.00
16	930107	605.000	605.000	605.000	605.000	605.00
17	930108	604.000	604.000	603.000	603.000	603.50
18	930111	600.000	600.000	600.000 *	600.000	600.00 *
19	930112	604.500	604.500	604.500	604.500	604.50
20	930113	603.500	603.500	603.500	603.500	603.50
21	930114	600.500	600.500	600.500	600.500	600.50
22	930115	600.500	600.500	600.500	600.500	600.50
23	930118	604.000	604.000	604.000	604.000	604.00
24	930119	605.000	605.000	603.000	603.000	604.00
25	930120	605.000	607.000 *	604.500	606.750	605.85 *
26	930121	604.000	604.250	604.000	604.000	604.53
27	930122	604.500	606.000	603.500	603.750	604.43
28	930125	597.000	598.000	597.000	597.250	597.31
29	930126	598.500	598.500	597.500	597.500	598.00
30	930127	601.000	601.000	601.000	601.000	601.00
31	930128	598.000	598.000	595.000	595.000	596.50

The * indicates the high and low numbers in the series.

32	930129	595.000	595.000	595.000	595.000	595.00
33	930201	595.000	595.000	592.000	595.000	594.25
34	930202	594.250	594.250	594.250	594.250	594.25
35	930203	597.500	597.500	596.000	596.000	596.50
36	930204	594.000	594.000	593.250	593.250	593.62
37	930205	593.000	593.500	588.000 *	588.000	590.50
38	930208	590.000	590.500	588.000 *	589.000	589.37 *
39	930209	591.000	591.000	591.000	591.000	591.00
40	930210	590.500	591.000	590.000	590.000	590.35
41	930211	594.000	595.000	589.000	590.000	592.00
42	930212	589.000	591.000	589.000	590.500	589.87
	930215	0.000	0.000	0.000	0.000	
43	930216	591.000	592.000	591.000	592.000	591.50
44	930217	592.500	592.500	592.500	592.500	592.50
45	930218	589.000	591.250	589.000	590.000	589.31
46	930219	592.000	592.000	590.500	592.000	591.62
47	930222	590.000	591.000	589.000	589.000	589.75
48	930223	592.500	592.500	592.000	592.000	592.25
49	930224	593.500	595.500	593.500	594.000	594.12
50	930225	592.000	592.000	592.000	592.000	592.00
51	930226	594.000	596.000	594.000	595.500	594.87
52	930301	596.000	600.000	596.000	599.750	597.93
53	930302	600.000	603.500 *	600.000	602.500	601.50 *
54	930303	601.000	602.000	601.000	602.000	601.50 *
55	930304	600.000	602.250	599.000	602.000	600.87
56	930305	601.000	601.000	597.500	597.750	599.31
57	930308	597.750	601.000	597.000	597.500	598.31
58	930309	598.000	598.000	598.000	598.000	598.00
59	930310	600.000	602.500	600.000	602.500	601.25
60	930311	602.000	602.000	598.000	598.000	600.00
61	930312	599.000	600.000	595.000 *	595.500	598.31 *
62	930315	598.000	599.000	598.000	598.250	598.31 *
63	930316	602.000	602.000	599.000	601.000	601.00
64	930317	602.000	604.500	600.000	604.250	602.68
65	930318	605.000	608.000	604.000	607.000	606.00
66	930319	607.000	608.000	605.000	606.250	606.56
67	930322	606.000	606.000	602.500	605.000	604.87
68	930323	606.000	610.000	605.000	608.500	607.37
69	930324	609.000	610.000	608.000	609.500	609.15 *
70	930325	610.000	610.500 *	605.000	605.000	607.62
71	930326	606.000	606.000	603.000 *	604.000	604.75 *
72	930329	606.500	606.500	604.000	604.750	605.43
73	930330	605.000	605.000	604.000	605.000	604.75
74	930331	606.000	609.000	605.000	608.000	607.00
75	930401	614.000	614.000	610.000	611.000	612.25
76	930402	613.000	613.000	611.000	612.000	612.25
77	930405	611.000	612.000	608.000	612.000	610.75
78	930406	612.000	612.500	609.000	609.000	610.62
79	930407	609.000	615.000	608.000	614.750	611.68
80	930408	616.000	616.000 *	613.000	614.500	614.87 *
	930409	0.000	0.000	0.000	0.000	
81	930412	614.000	615.000	612.000	614.000	613.75
82	930413	612.500	612.500	610.500	612.500	611.87
83	930414	612.000	612.000	609.000	611.500	611.12
84	930415	612.500	612.500	606.000	606.000	609.12
85	930416	606.000	606.000	600.000	600.750	603.18
86	930419	602.000	603.500	601.500	603.500	602.62
87	930420	605.000	605.000	601.000	602.000	603.25
88	930421	601.500	601.500	599.000 *	600.000	600.05 *
89	930422	600.000	603.000	600.000	603.000	601.50

90	930423	604.500	604.500	601.500	604.000	603.62
91	930426	604.000	606.000	603.000	606.000	604.75
92	930427	606.500	606.500 *	603.000	603.250	604.81 *
93	930428	604.500	604.500	599.000	599.500	601.87
94	930429	603.000	603.000	597.000	597.250	600.06
95	930430	600.500	601.000	597.500	597.750	599.18
96	930503	600.000	600.000	592.500	597.500	597.50
97	930504	596.500	596.500	593.000	593.500	594.87
98	930505	594.250	599.000	594.250	596.750	596.06
99	930506	597.000	597.000	592.000 *	594.750	595.18
100	930507	595.000	596.500	593.000	595.500	595.00 *
101	930510	594.500	598.000	594.500	598.000	596.25
102	930511	598.000	600.000	596.000	599.500	598.37 *
103	930512	598.000	601.000 *	596.000	596.500	597.87
104	930513	596.500	597.000	594.000	594.250	595.50
105	930514	595.500	598.500	595.500	597.250	596.68
106	930517	595.000	597.000	594.000	595.500	595.37
107	930518	597.000	598.000	595.500	597.750	597.06
108	930519	599.500	599.500	596.000	596.750	597.93
109	930520	598.500	598.500	595.000	595.500	596.87
110	930521	597.500	598.000	596.000	597.750	597.25
111	930524	598.000	599.000	596.000	598.000	597.75
112	930525	597.000	597.500	596.000	597.000	596.87
113	930526	597.500	597.500	595.000	596.750	596.68
114	930527	597.000	598.500	596.500	597.250	597.18
115	930528	597.000	599.500	595.000	597.500	597.12
	930531	0.000	0.000	0.000	0.000	
116	930601	596.500	596.500	585.000	588.500	591.62
117	930602	590.000	590.500	586.500	587.500	588.62
118	930603	589.500	589.500	586.500	587.000	588.12
119	930604	587.000	587.500	581.500 *	584.500	585.12 *
120	930607	591.000	591.000	586.500	587.500	589.00
121	930608	590.000	591.000	587.000	587.000	588.75
122	930609	587.000	589.000	586.000	587.500	587.37
123	930610	587.500	589.500	587.000	588.500	588.12
124	930611	589.000	591.500	586.500	588.500	588.87
125	930614	590.500	590.500	587.000	587.000	588.75
126	930615	587.500	589.500	585.000	585.000	586.75
127	930616	586.500	589.500	584.500	589.000	587.37
128	930617	597.000	600.500	594.000	597.500	597.25
129	930618	597.000	601.500	596.000	598.750	598.31
130	930621	605.000	614.000	604.000	608.750	607.93
131	930622	608.000	609.000	606.000	608.250	607.81
132	930623	611.000	615.000 *	611.000	612.250	612.37 *
133	930624	612.000	612.000	608.250	611.250	610.87
134	930625	609.000	610.000	605.000 *	606.500	607.62 *
135	930628	611.000	611.000	607.000	608.750	609.43
136	930629	610.000	616.500	610.000	614.500	612.75
137	930630	617.000	624.000	615.000	622.000	619.50
138	930701	620.000	627.000	611.000	622.000	620.00
139	930702	624.000	632.000	624.000	626.500	626.62
	930705	0.000	0.000	0.000	0.000	
140	930706	638.000	650.000 *	638.000	649.250	643.81 *
141	930707	646.000	647.000	637.000	644.500	643.62
142	930708	642.000	644.000	633.000	634.000	638.25
143	930709	644.000	649.000	630.000	631.500	638.50
144	930712	631.000	633.000	622.000 *	630.500	629.12
145	930713	627.000	632.000	623.000	626.500	627.12 *
146	930714	625.000	634.500	624.500	633.250	629.00
147	930715	639.000	643.000 *	624.000	624.500	632.62 *

148	930716	624.000	633.000	624.000	632.000	628.25
149	930719	642.000	642.000	627.000	629.500	635.12
150	930720	627.000	634.000	627.000	629.500	629.37
151	930721	631.000	634.500	626.500	629.750	630.43
152	930722	633.000	637.000	630.000	636.000	634.00
153	930723	638.000	641.000	618.000	621.500	629.62
154	930726	615.000	629.500	615.000 *	629.250	622.25 *
155	930727	629.000	637.000 *	629.000	629.000	631.00 *
156	930728	628.500	634.500	624.250	626.500	628.43
157	930729	624.000	627.000	621.500	624.500	624.25
158	930730	623.500	624.500	619.000	619.500	621.62
159	930802	620.500	627.500	618.000 *	620.250	621.56
160	930803	621.000	622.500	619.000	621.250	621.00 *
161	930804	623.000	625.000 *	621.250	621.500	622.75 *
162	930805	621.000	624.000	615.250	616.500	619.18
163	930806	619.000	621.500	617.000	619.250	619.18
164	930809	620.000	623.500	618.000	620.250	620.43
165	930810	621.000	624.500	620.000	623.750	622.31
166	930811	624.000	624.000	618.500	622.250	622.18
167	930812	621.000	626.500	614.000 *	615.000	619.12
168	930813	615.000	621.000	614.000 *	615.000	616.25
169	930816	614.500	617.000	614.000 *	615.250	615.18 *
170	930817	616.500	618.500	614.000 *	617.750	616.68
171	930818	618.500	621.500	615.000	615.500	617.62
172	930819	615.500	621.000	614.500	618.750	617.43
173	930820	619.000	622.500	618.000	622.000	620.37
174	930823	621.000	627.000	621.000	625.250	623.56
175	930824	625.750	627.000	622.000	622.250	624.25
176	930825	622.000	624.000	621.000	622.500	622.37
177	930826	623.000	626.000	621.000	622.000	623.00
178	930827	622.500	629.000	622.000	626.500	625.00
179	930830	628.000	632.500 *	624.500	631.000	629.00
180	930831	630.000	632.500 *	627.000	630.250	629.93 *
181	930901	629.000	631.000	627.250	628.250	628.87
182	930902	628.000	632.500	627.500	630.750	629.68
183	930903	631.000	632.000	629.000	630.250	630.56
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184	930907	630.000	630.000	620.500	623.000	627.00
185	930908	624.500	626.000	622.000	622.250	623.68
186	930909	623.000	624.500	621.750	622.250	622.87
187	930910	620.000	622.000	610.000 *	610.250	615.56 *
188	930913	615.000	621.000	614.000	617.500	616.87
189	930914	616.500	618.000	615.000	616.750	616.43
190	930915	616.500	618.500	614.000	616.250	616.31
191	930916	616.000	621.500	616.000	616.750	619.56
192	930917	621.000	623.500	619.000	619.250	620.68
193	930920	618.500	626.000	618.000	624.000	621.62
194	930921	625.500	627.000	620.000	622.000	623.62
195	930922	623.500	626.000	623.000	624.750	624.31
196	930923	626.000	630.750	626.000	629.250	627.87
197	930924	629.500	631.000 *	628.000	628.250	629.06 *
198	930927	628.000	629.500	625.000	625.750	626.93
199	930928	626.000	630.500	624.000	626.000	626.50
200	930929	624.000	626.000	620.500	622.250	623.12
201	930930	626.500	627.500	623.500	624.000	625.37
202	931001	624.000	625.000	618.000	620.500	621.87
203	931004	618.000	620.500	614.000	614.750	616.68
204	931005	616.500	618.000	614.000	614.250	615.68
205	931006	616.000	616.500	613.000	614.000	614.75
206	931007	615.000	617.000	612.500	612.750	614.31

207	931008	613.000	614.000	610.500 *	611.500	612.12 *
208	931011	614.000	616.000	613.000	615.250	614.56
209	931012	615.500	618.500	615.000	617.250	616.31
210	931013	619.000	619.000	615.500	617.000	617.62
211	931014	616.500	619.000	615.000	617.000	616.75
212	931015	617.500	618.000	615.500	616.000	616.50
213	931018	616.000	618.500	616.000	617.500	617.00
214	931019	619.000	619.000	616.500	617.000	617.87
215	931020	616.500	618.500	616.500	618.250	617.43
216	931021	617.500	626.000	616.750	625.000	621.31
217	931022	625.000	628.000	624.500	624.750	625.56
218	931025	624.500	626.500	622.250	624.750	624.24
219	931026	626.500	626.500	622.000	624.000	624.50
220	931027	624.500	626.500	624.250	624.750	624.75
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222	931029	625.500	629.000	624.500	624.750	625.81
223	931101	626.000	627.000	621.000	624.500	624.62
224	931102	626.000	628.500	624.500	625.750	626.06
225	931103	626.500	627.750	624.750	627.250	626.43
226	931104	628.000	631.500	627.750	631.250	629.62
227	931105	633.000	634.000	630.000	632.250	632.31
228	931108	629.000	630.000	626.500	627.250	628.25
229	931109	627.000	629.000	624.500	625.250	626.43
230	931110	645.000	650.500 *	638.000	647.750	645.18
231	931111	647.000	649.500	644.000	644.250	646.18 *
232	931112	643.500	644.250	638.000	638.250	641.00
233	931115	640.000	641.500	635.500	639.750	639.18
234	931116	639.500	640.500	637.000	637.250	638.43
235	931117	636.500	640.000	636.000	638.000	637.62
236	931118	638.000	638.000	634.000	635.750	636.43
237	931119	636.500	637.500	634.000	635.750	635.93
238	931122	636.000	637.750	632.000	632.500	634.56
239	931123	633.500	638.000	632.500	636.250	635.06
240	931124	636.000	638.000	633.000	636.250	635.81
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241	931126	635.500	639.000	635.500	638.750	637.18
242	931129	637.000	639.000	635.500	637.250	637.18
243	931130	637.000	637.500	631.500	631.750	634.43
244	931201	632.000	635.000	629.750	630.500	631.81 *
245	931202	631.000	638.500	628.000 *	637.250	633.68
246	931203	637.000	639.000	634.000	634.750	636.18
247	931206	634.750	638.500	633.750	637.500	636.12
248	931207	638.500	640.500	636.000	639.750	638.87
249	931208	640.500	643.000	639.500	640.750	640.93
250	931209	639.000	642.500	639.000	639.500	640.00
251	931210	640.500	643.000	637.500	637.750	639.68
252	931213	636.250	637.000	631.500	632.000	634.18
253	931214	633.500	636.500	631.000	636.000	634.25
254	931215	635.500	636.750	634.250	634.750	635.31
255	931216	634.000	637.000	634.000	636.500	635.37
256	931217	637.500	641.500	637.500	641.250	639.43
257	931220	641.500	643.500	640.000	640.250	641.31
258	931221	640.000	642.750	639.250	641.750	640.93
259	931222	643.000	651.000	643.000	647.250	646.06
260	931223	645.750	647.500	645.250	646.750	646.31
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261	931227	647.000	650.000	646.500	648.750	648.06
262	931228	647.000	649.500	646.500	648.500	647.87
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264	931230	649.000	650.250	648.500	650.000	649.43

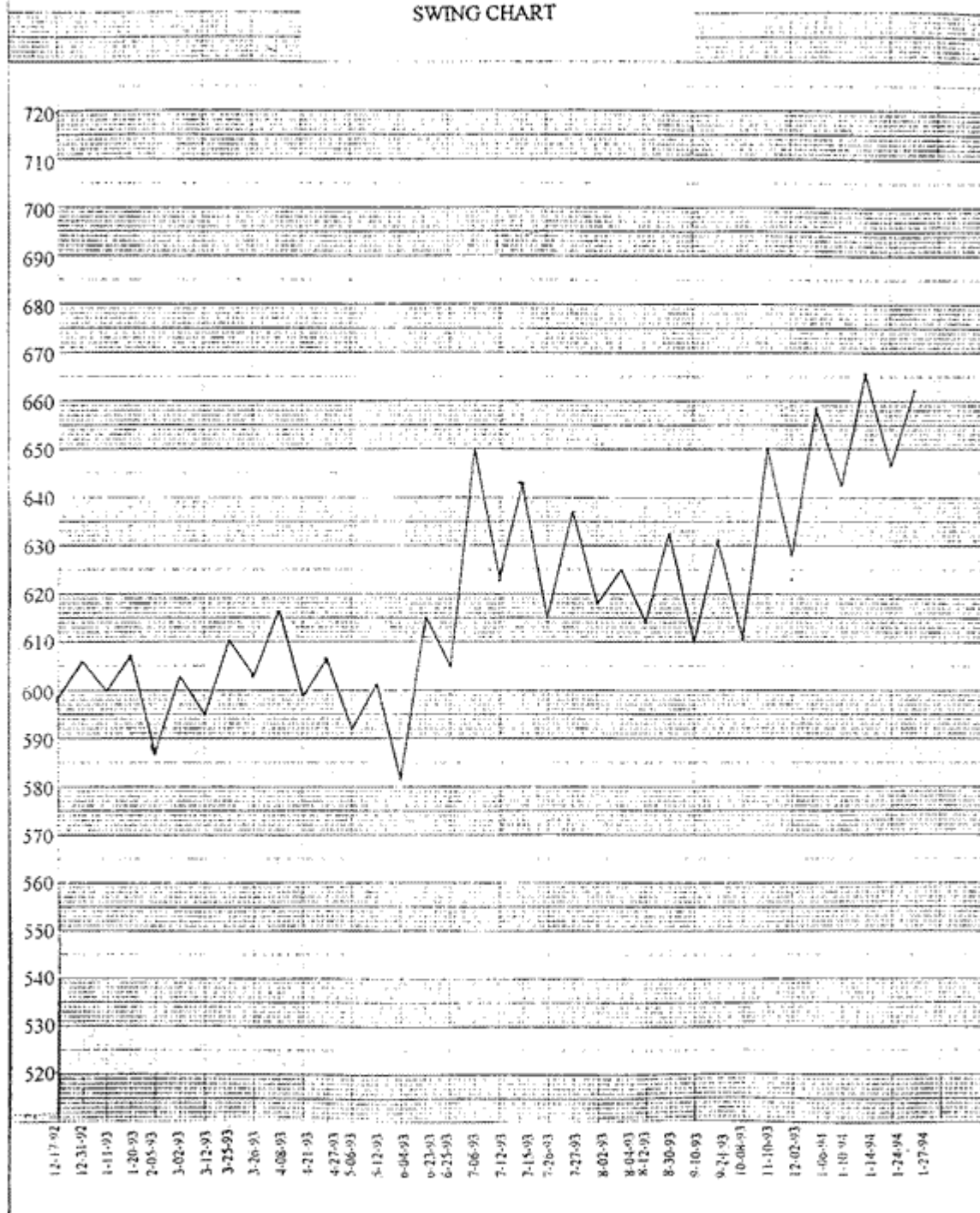
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267	940105	656.000	656.000	653.000	655.250	655.06
268	940106	657.000	658.500 *	655.250	655.250	656.56 *
269	940107	654.500	655.500	651.500	652.750	653.56
270	940110	650.000	650.500	642.500 *	643.500	646.25
271	940111	645.500	647.250	644.500	646.500	645.93 *
272	940112	646.500	647.000	645.500	646.500	646.37
273	940113	656.000	665.000	652.000	663.250	659.06
274	940114	661.000	665.750 *	659.500	662.750	662.25 *
275	940117	663.000	664.000	656.000	656.750	662.18
276	940118	658.500	661.000	652.000	654.750	656.56
277	940119	653.000	658.750	652.250	656.250	655.06
278	940120	654.750	656.500	648.500	650.000	652.43
279	940121	651.000	654.500	648.500	649.500	650.87 *
280	940124	647.000	656.250	646.500 *	655.500	651.31
281	940125	656.500	659.500	656.000	659.250	657.81
282	940126	660.000	661.250	657.500	659.500	659.56 *
283	940127	661.500	662.000 *	653.000	653.250	657.43
284	940128	652.000	652.000	643.000	643.250	647.56
285	940131	643.250	645.000	641.500	643.250	643.25
286	940201	643.250	645.250	642.000	642.750	643.31
287	940202	642.500	642.500	636.000	639.250	640.06
288	940203	640.500	644.000	639.500	640.250	641.06
289	940204	639.000	640.500	636.250	638.000	638.43
290	940207	636.500	640.750	635.000	635.500	636.93 *
291	940208	635.000	642.000	634.250 *	640.500	637.99
292	940209	639.000	648.000	639.000	647.750	643.43
293	940210	648.750	648.750	645.750	647.000	647.56
294	940211	648.000	651.250	643.250	650.250	648.18
295	940214	652.000	654.000	649.250	650.250	651.37
296	940215	650.000	653.000	649.000	651.500	650.87
297	940216	650.000	654.500	649.500	653.750	651.93
298	940217	655.000	655.000	647.500	649.000	651.62
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300	940222	651.000	656.750	648.000	656.250	653.00
301	940223	657.500	659.000 *	654.250	655.750	656.62 *
302	940224	655.500	658.000	654.000	655.750	655.81
303	940225	652.000	653.000	649.500	652.000	651.62
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309	940307	642.000	645.250	641.000	641.750	642.50
310	940308	642.500	644.500	638.750	639.250	641.25
311	940309	638.500	643.500	637.750 *	643.250	640.75 *
312	940310	643.250	646.000	643.000	645.250	644.37
313	940311	645.500	647.750	642.500	646.250	645.43
314	940314	649.000	665.000 *	648.500	660.500	655.75
315	940315	658.500	659.750	655.500	656.500	657.56 *
316	940316	656.000	659.250	654.750	656.750	656.68
317	940317	656.500	657.000	653.500	653.750	655.18
318	940318	653.000	656.500	651.500	653.750	653.68
319	940321	652.500	654.500	650.000	652.500	652.37
320	940322	651.500	654.000	650.000	650.250	651.43
321	940323	652.000	656.000	650.500	655.250	653.43
322	940324	655.000	656.500	651.000	653.500	654.00

323	940325	652.000	653.500	649.500	650.500	651.37
324	940328	651.000	658.000	650.250	653.500	653.18
325	940329	655.000	655.500	651.000	651.250	653.18
326	940330	650.500	650.500	647.000	649.500	649.37
327	940331	649.000	650.000	645.000	645.500	647.37
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328	940404	633.000	637.000	616.500	617.000	625.87
329	940405	619.000	622.000	615.500 *	621.000	619.37 *
330	940406	621.500	624.000 *	620.000	623.500	622.25 *
331	940407	624.000	624.000 *	618.000	618.500	621.12
332	940408	617.000	619.000	612.000	616.750	616.18
333	940411	614.750	619.500	612.000	612.500	614.68
334	940412	614.500	616.500	612.500	614.500	614.50
335	940413	616.000	618.250	614.500	614.750	615.87
336	940414	615.000	618.000	611.000	611.250	613.81
337	940415	612.000	615.750	611.000	612.000	612.68
338	940418	612.000	613.750	607.000 *	610.000	610.68 *
339	940419	611.000	614.750	611.000	613.250	612.50
340	940420	614.000	622.000	613.750	621.500	612.81
341	940421	621.000	623.500	620.000	622.000	621.62
342	940422	622.500	624.500	617.000	617.500	620.37
343	940425	616.500	624.500	614.750	624.250	620.00
344	940426	624.500	627.000	622.000	623.750	624.31
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345	940428	628.000	629.000	625.250	626.250	627.12
346	940429	627.250	631.750 *	625.000	631.000	628.75 *
347	940502	630.000	630.500	625.000	627.750	628.31
348	940503	627.000	629.000	619.000	622.000	624.25
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351	940506	614.000	623.250	610.500	618.250	616.50
352	940509	616.000	616.000	612.000	612.250	614.06
353	940510	615.000	619.000	610.500	614.250	614.68
354	940511	611.000	618.250	610.000 *	615.000	613.56 *
355	940512	616.000	622.000	615.000	619.250	618.06
356	940513	617.000	620.500	616.500	618.500	613.50
357	940516	623.000	635.500	623.000	631.750	628.31
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361	940520	651.000	664.000	651.000	663.250	657.31
362	940523	693.250	693.250 *	682.000	693.250	690.43 *
363	940524	673.000	676.000	657.000	659.000	666.25
364	940525	658.500	663.500	639.000	643.000	652.12
365	940526	642.000	643.500	634.000 *	641.000	640.12 *
366	940527	643.000	646.500	642.250	643.750	643.87
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367	940531	673.750	673.750	665.000	673.750	671.56
368	940601	671.000	680.000 *	667.000	673.750	672.93 *
369	940602	663.000	679.000	655.000	677.500	668.62
370	940603	672.000	672.000	655.000	659.750	664.68
371	940606	645.000	646.500	629.750	631.000	638.06
372	940607	634.000	641.000	628.000 *	635.750	634.68 *
373	940608	636.000	646.500	636.000	639.500	639.50
374	940609	644.000	649.500	641.500	642.500	644.37
375	940610	646.500	654.500	646.500	653.000	650.12
376	940613	645.000	667.000	642.500	665.250	654.93
377	940614	662.000	670.000	658.000	666.250	664.06
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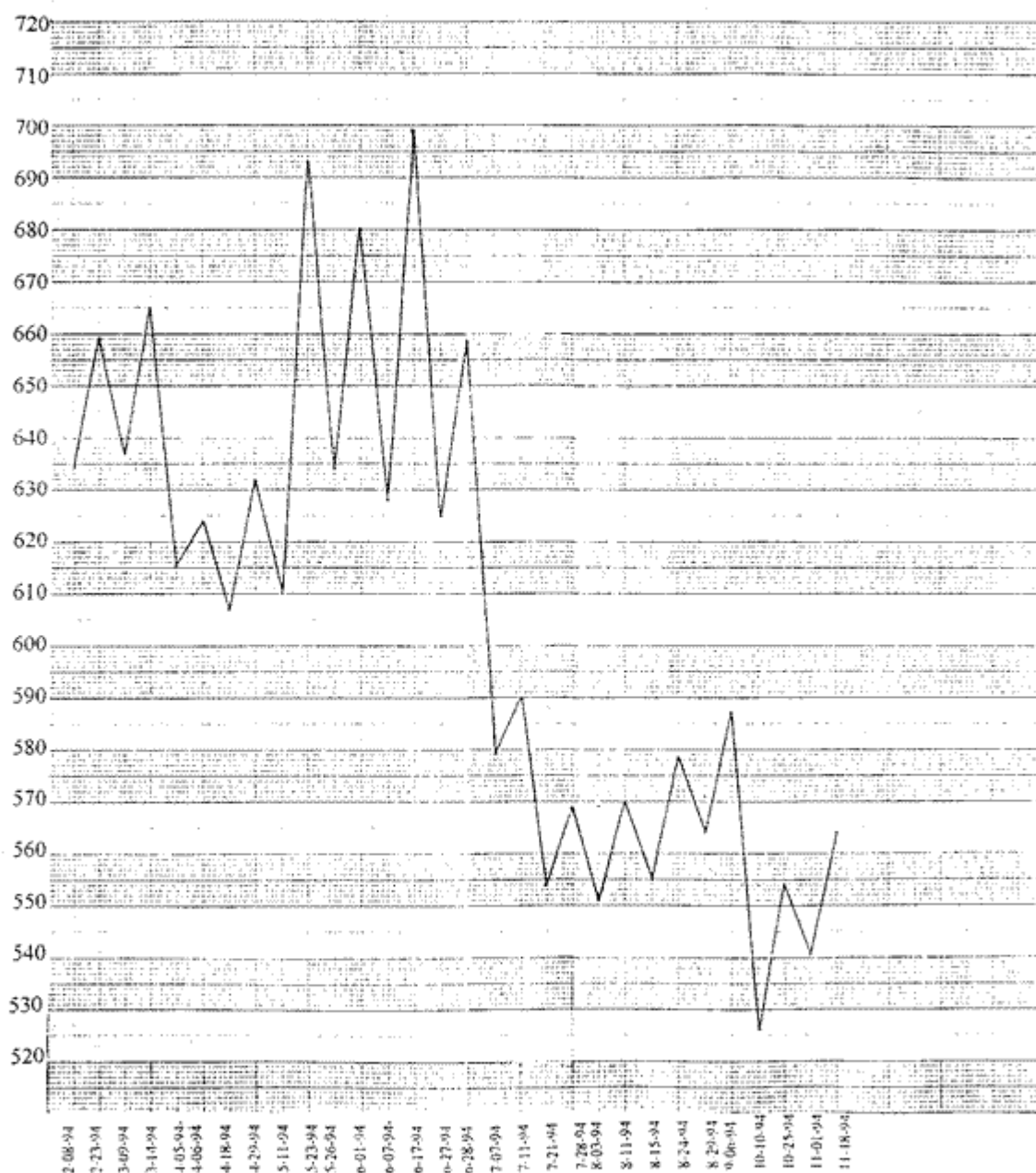
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383	940622	652.000	652.500	634.500	638.500	644.37
384	940623	632.000	644.000	632.000	636.000	636.00
385	940624	636.000	642.000	634.500	640.000	638.12
386	940627	638.000	640.000	625.500 *	628.750	633.06 *
387	940628	640.000	658.750 *	640.000	656.500	648.81 *
388	940629	641.000	645.000	633.000	635.000	638.50
389	940630	631.000	639.500	625.000	628.750	631.06
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393	940707	579.000	587.500	579.000 *	582.500	582.00 *
394	940708	588.000	589.500	583.500	588.000	587.25 *
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396	940712	578.000	580.000	569.000	579.000	576.50
397	940713	583.000	583.500	580.250	583.000	582.43
398	940714	584.500	585.500	575.250	578.750	581.00
399	940715	578.000	581.500	575.500	576.750	577.93
400	940718	581.000	582.250	574.500	575.750	578.37
401	940719	570.000	571.000	562.000	564.250	566.81
402	940720	565.000	566.500	557.500	558.000	561.75
403	940721	558.000	561.500	554.000 *	556.750	557.56 *
404	940722	562.000	563.500	557.250	559.000	560.43
405	940725	559.000	565.000	558.500	563.250	561.43
406	940726	562.500	567.000	555.000	566.500	562.75
407	940727	565.000	568.000	558.500	560.500	563.02
408	940728	561.000	569.000 *	558.000	564.000	563.00
409	940729	567.500	568.500	563.500	565.750	566.31 *
410	940801	561.000	561.500	555.000	561.000	559.62
411	940802	561.000	565.000	558.000	560.000	561.00
412	940803	553.000	564.000	551.000 *	559.500	556.87
413	940804	556.500	558.000	553.250	554.750	555.62 *
414	940805	555.000	562.250	554.750	560.250	558.12
415	940808	557.000	569.000	556.000	563.250	567.50
416	940809	561.500	564.250	560.000	563.500	562.31
417	940810	564.000	565.750	562.250	563.250	563.81 *
418	940811	559.500	570.000 *	558.000	563.750	562.81
419	940812	563.000	565.500	560.750	561.750	562.75
420	940815	559.000	559.500	555.000 *	557.750	557.81 *
421	940816	559.500	562.250	558.500	559.000	559.68
422	940817	559.000	567.250	557.500	565.750	562.37
423	940818	564.000	569.500	563.750	568.000	566.31
424	940819	570.000	574.500	569.000	573.250	571.68
425	940822	573.500	574.500	563.000	566.250	569.31
426	940823	570.000	571.250	566.500	569.750	569.37
427	940824	568.000	578.250 *	568.000	576.500	572.81
428	940825	575.500	575.500	572.250	575.000	574.56 *
429	940826	573.000	576.500	570.000	570.750	572.56
430	940829	568.000	568.000	564.000 *	567.250	566.81 *
431	940830	570.500	571.500	567.250	567.750	569.25
432	940831	569.500	574.500	568.500	573.750	571.56
433	940901	574.000	574.750	570.250	574.000	573.25
434	940902	574.500	577.000	573.500	575.500	575.12
	940905	0.000	0.000	0.000	0.000	
435	940906	576.500	587.000 *	573.000	582.750	579.81
436	940907	583.500	584.500	579.000	580.500	581.87 *
437	940908	580.500	582.250	575.000	575.750	578.37

438	940909	574.000	577.000	573.250	575.500	574.93
439	940912	561.000	581.000	561.000	580.250	570.81
440	940913	577.000	580.000	572.750	574.000	575.93
441	940914	572.000	572.000	568.000	569.000	570.25
442	940915	565.000	566.000	556.000	557.500	561.12
443	940916	558.500	559.500	549.500	553.250	555.18
444	940919	552.000	558.000	551.000	553.750	553.68
445	940920	554.500	557.500	552.000	555.250	554.81
446	940921	554.500	557.500	552.000	556.000	555.00
447	940922	557.500	558.500	550.500	552.500	554.75
448	940923	553.500	555.750	552.000	554.000	553.81
449	940926	554.000	555.000	551.500	554.250	553.68
450	940927	553.500	556.500	552.750	554.250	554.25
451	940928	553.000	553.000	546.500	548.500	550.25
452	940929	547.500	547.750	543.500	543.750	545.62
453	940930	541.000	542.500	535.500	536.000	538.75
454	941003	535.000	541.500	535.000	538.250	537.43
455	941004	538.000	538.000	533.000	536.000	536.25
456	941005	535.000	538.750	534.000	534.250	535.50
457	941006	530.500	531.750	529.000	531.000	530.56
458	941007	532.000	533.750	527.000	527.250	530.00
459	941010	527.500	531.000	526.750 *	529.750	528.75 *
460	941011	531.000	533.000	529.500	532.250	531.43
461	941012	530.000	538.250	529.500	536.750	533.62
462	941013	537.750	538.000	533.000	533.250	535.50
463	941014	534.750	542.000	534.000	538.500	537.31
464	941017	538.500	545.000	538.500	543.000	541.25
465	941018	542.500	545.500	541.500	544.750	543.56
466	941019	543.750	543.750	540.500	541.250	542.31
467	941020	539.500	550.500	539.500	549.500	544.75
468	941021	548.500	550.000	546.000	548.500	548.25
469	941024	545.500	553.500	543.000	553.000	548.75
470	941025	553.000	554.500 *	546.750	548.250	550.62 *
471	941026	548.000	549.500	545.000	548.000	547.62
472	941027	547.000	554.750	546.500	552.500	550.18
473	941028	549.000	550.500	546.500	546.750	548.18
474	941031	545.000	546.750	541.500	542.250	543.87
475	941101	542.500	544.000	540.250 *	542.250	542.25 *
476	941102	541.500	548.500	541.500	545.750	544.31
477	941103	547.000	547.750	544.750	546.250	546.43
478	941104	548.000	551.250	548.000	550.250	549.37
479	941107	550.500	558.000	549.000	554.750	553.06
480	941108	554.000	559.000	553.500	558.000	556.12
481	941109	558.000	563.500	553.500	561.250	559.06
482	941110	560.000	562.750	557.750	558.500	559.75
483	941111	561.000	561.750	551.250	551.750	556.43
484	941114	552.500	556.000	551.500	555.750	553.93
485	941115	552.500	563.000	551.500	560.250	556.81
486	941116	562.000	562.500	555.500	558.750	559.68
487	941117	560.000	563.500	557.000	563.000	560.87
488	941118	562.000	564.000 *	559.500	561.250	561.68

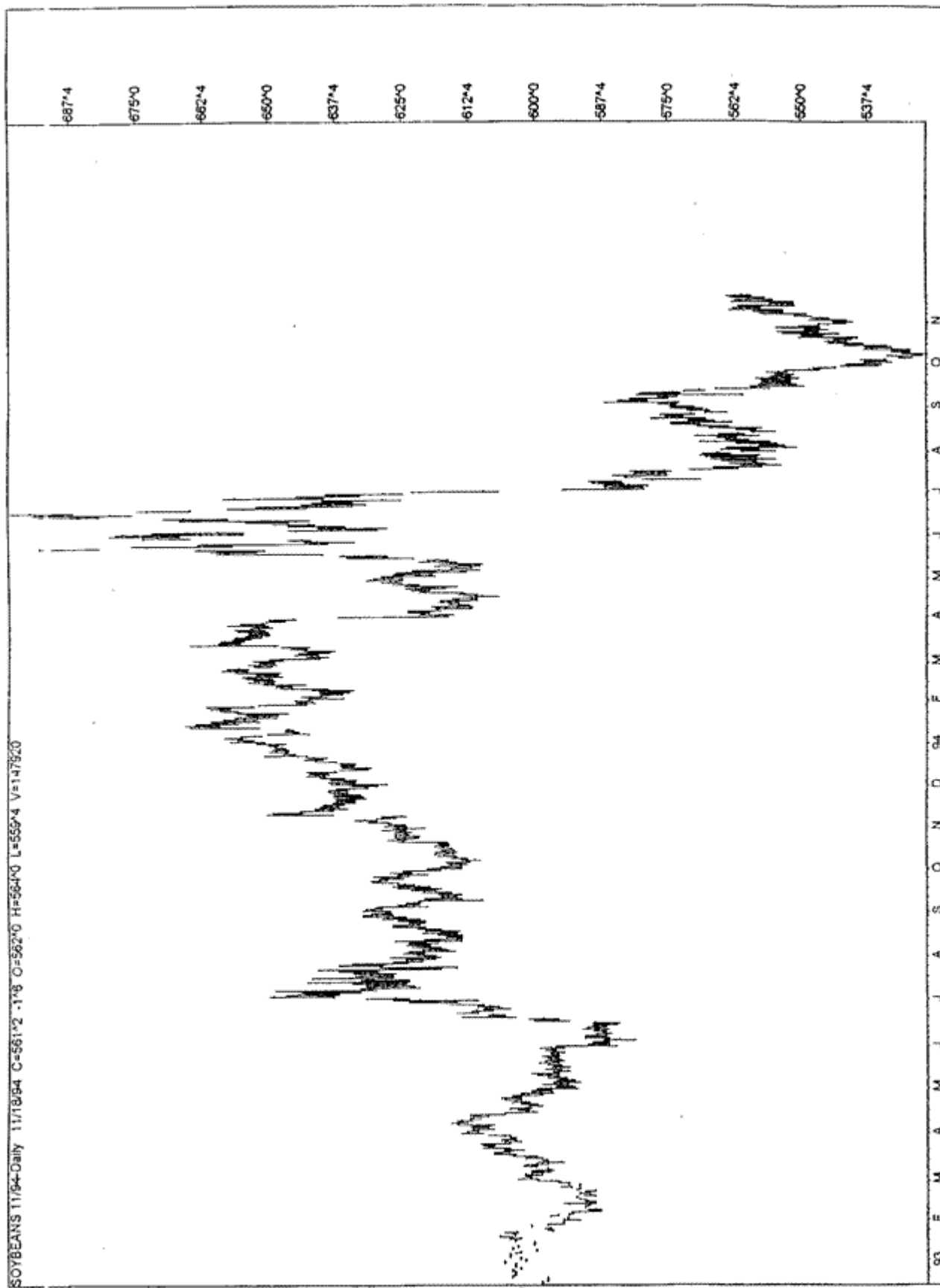
NOVEMBER 1994 SOYBEANS SWING CHART



NOVEMBER 1994 SOYBEANS SWING CHART



SOYBEANS 11/94-Daily 11/18/94 C=551*2 -1*8 O=562*0 H=564*0 L=559*4 V=147520



RESEARCH SECTION

A book of this magnitude would not be complete without the research to back up any claims which we have made so far.

We did not arrive at the rules by working through the data and then formulating the rules. The rules were set in advance and surprising though it may seem the results have proved not only successful in the past, but also in the present as we have used this information for three years.

All the data in this section is believed to be correct; however, with the volume of price data that we have studied the odd error may have occurred. If so, there is no malice intended and has not been done to mislead you in anyway.

Solar vibration points-SVPs have been calculated from the ten yearly average Sun Degree sheet. This enabled us to speed up research when working through huge amounts of printed data. If we were in any doubt as to whether an SVP had occurred on a specific day, we resolved the matter by using the ACS 10 Year Ephemeris.

If you decide to research other commodities we suggest you follow the same procedure as a great amount of time is saved.

All the research reported in this section has been started from the first day the contract traded. As mentioned earlier missing any SVPs during the life of a contract can be very bad for your wealth-- so don't be lazy , keep your records up to date.

The Data Collection sheets have been set up as mentioned in an earlier section.

In column 1 is the date of the SVP.

In column 2 the Sun degree is listed for that date.

In column 3 the SVP is recorded.

In column 4 the SNAPP indicator number is listed.

In columns 5 and 6 the price projections are listed.

A star (*) indicates that this price projection was achieved. Any price projection set that has not been starred are unfulfilled projections and a special note should be made for use in the following years contract.

In the research section you will find that for the 23 years of November soybeans there are 812 SVPS. Before the contract expired 766 targets were achieved giving us a 95% completion rate. All unfulfilled objectives carried over into the following contract year were achieved during that year giving us 100% achievement in our study.

We also researched the May soybean contract to prove the validity of our discovery with the following results. We had 795 SVPs in the 23 years of data researched with 696 projections achieved before the contracts expired (87.5%). We had 99 price projections to carry over into the following years contracts. All were achieved except one, which does prove that our price projections are not infallible. This failure occurred when a May 1977 price projection set was carried over into the following year. The carryover numbers were 1033 and 908.

On May 18, 1977 the current May contract expired and on the close of trading the new May 1978 contract closed at \$ 7.50. We have a single price target of 908 as the 750 is not encompassed by the carried over price projection set. The 1978 contract traded to a high of 807 before a precipitous decline began. With proper money management it would have been possible to have made some

profit using our projected numbers as the price moved 57 cents in the right direction before failing.

Research into other commodities is at the moment ongoing. Gold is looking quite promising with approximately an 86% accuracy rate before the contract expires.

Using the extended square of nine may be more suitable for other commodities. More research will be needed to prove the validity of this approach. DO NOT ASSUME THIS METHOD WILL WORK ON OTHER COMMODITY CONTRACTS WITHOUT FIRST COMPLETING THE HISTORICAL RESEARCH TO VALIDATE PROBABILITIES.

NOVEMBER SOYBEANS 1972-1994

1972. This was the start of the bull market in soybeans. There were two cyclic SVP repeats at 298 which may have signaled the start of a large up move. We had another two repeats at 332 and 334 in August and October which set the stage for a nice up move into the November period.

There were nine sets of unmet price projections in this contract ; the most we have ever experienced. All of these projections were met in the following contract year.

1973. This was a very volatile year with only one cyclic SVP repeat at 639. From this point the market gained momentum to the downside reaching a low in the \$5.20 area. All projections were achieved in this contract year.

1974. This was another volatile year with wide price swings. We had 3 sets of cyclic SVP repeats (519, 540 and 541). It was after the 541 SVP in mid June that the market exploded to the upside finally reaching a high in the \$9.50 area. There were 66 SVP price projections in this contract, the most we have ever had, and all were achieved before the contract expired.

1975. This was the year of the bear market with no cyclic SVP repeats. All the price projections were fulfilled and surprisingly we had only 18 SVPs.

1976. This was another volatile year for the bean market. From a low in the \$4.80 area the up move was swift. Prior to the up move there were four SVPs at 507, a most unusual event which may have energized this market. By mid July beans were trading at \$7.60 before retracing to 6.37 where we have 3 SVPs occurring at this price. Was this a harbinger of things to come? After the contract expires the following contract year took a big up move. All projections were fulfilled this year.

1977. This contract provided both the bulls and the bears with opportunities. After the up move early on in the year the market peaked at the \$7.90 level. We had cyclic SVP repeats at 713, 715, 718 and 719 which warned us to be aware of possible wide price swings. Within one month the beans had declined \$2.00 (\$10,000 per contract). All price projections were again achieved.

1978. This was another choppy year. We had multiple cyclic SVP repeats at 613, 614 and 615 with the last one occurring in the May time period suggesting we may have some action about to start. The market moved quickly into the \$6.80 area

before declining to \$6.00 where it took another run to achieve a contract high of \$7.23. There was one set of unmet price projections which were carried over to the following contract year and achieved within 2 1/2 months.

1979. The month of May is always an important time for the grains and with an SVP repeat at 716 we should have been alerted for volatility. We were not disappointed as the market exploded to the upside, making a top at \$8.30 before making a very sharp decline.

We had one set of price projections not hit this year. These numbers were 585 and 686. On 11-20-79 when the 1979 November contract expired the new 1980 contract closed that day at 760.5. This contract should trade down to meet the single price objective of 686 as this number was the highest of the projection series. This required that beans must decline 74 1/2 cents to meet its objective. This target was achieved about 4 months later on March 17th, 1980. If a position had been taken on 11-20-79 the trader would have had little drawn down against his position.

1980. A cyclic repeat at 651 occurred 3 times with the last one being in May should have alerted you to expect a large price swing. Again, we were not disappointed as a \$3.00 up move ensued with the bulls firmly in control. There were two other cyclic repeats along the way at 770 and 823. All projections were achieved in this contract.

1981. The top in this contract occurred in November of 1980, and beans continued to have a choppy price action until April where we had cyclic repeats

occurring at 828 and 827. The bears took control of the market for the \$2.00 down move to 625.

There were 4 sets of unmet price projections that had to be carried over into the 1982 contract year. These prices were 687 -- 586, 693 -- 592, 694 -- 593, and 695--594. The November 1982 closing bean price on 11-19-81 was 706 1/4. Now we have 4 single price objectives with the ultimate target of 687. All the objectives were achieved in November and December of 1981.

1982. Prices this year drifted lower and lower. There were no cyclic SVP repeats. There were two sets of unmet price projections which must be carried over into the following contract year. Again, we had single price projections indicating a 15 1/2 downside target. These were achieved before the end of 1982.

1983. This was the year for the bulls. We had two cyclic SVP repeats at 586 which seemed to set the stage for a \$1.00 up move. Another 2 sets of cyclic SVP repeats at 677 and 651 accompanied the decline which was short lived as a huge up-leg ensued to the \$9.60 area.

Again for the third year we had single price objectives to be carried over to the following contract year. An 83 1/2 up move was indicated from these unmet objectives as the new November beans closed at 681 1/2. Our ultimate target was 765 which was achieved seven months later on June 20, 1984 when beans made their contract high at 771 before they collapsed to the \$5.70 area.

1984. We had a cyclic SVP repeat at 670 and a \$1.00 upmove ensued. There were other cyclic SVP repeats at 744 and 719 occurring in the May time period which were followed by a drastic decline of \$1.70.

There were 5 unmet price projection series for this year which were all achieved in the following contract year.

1985. An SVP cyclic repeat at 613 in mid-April should have warned us of volatility with the price moving down to a contract low of 485. One set of unmet price projections were carried over to the following contract year where it was fulfilled.

1986. In comparison to other years 1986 had a small price range. There were cyclic SVP repeats at 535 and 539 early in 1986 which did nothing for the market as the range for that year was less than \$1.00. There was one set of unmet price projections to carry over into the 1987 year. This was again achieved.

1987. There were two sets of unmet price projections carried over and both were achieved in the following contract year. There were numerous cyclic repeats during this year. One worthy of mention is at 538 in mid-September, when the November 1988 beans was also making an SVP at the same price. What was the market trying to tell us?

1988. A huge bull market developed early this year taking prices to just under \$1050. As this price is out of the range of prices on the small square of nine it would necessitate that you add another ring of numbers or use an extended square of nine for any price projections in this range. We had one set of unmet price projections for the year which were met in 1989.

1989. This contract had multiple cyclic SVPs in the \$7.00 area, which apparently accompanied the decline to the \$5.40 level. One set of unmet price projections were carried over to the 1990 year where it was achieved in early January.

1990-1994 The same basic principles apply with all unmet objectives being fulfilled.

NOVEMBER 1972 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
11-15-71	232	297	11	233	298*
11-16	233	298	12	234	299*
11-17	234	299	13	247	300*
11-18	235	300	14	248	315*
11-19	236	301	15	249	316*
1-19-72	298	298	55	235	300*
1-24	302	302	58	246	316*
1-25	303	303	59	247	314*
3-24	5	317	101	260	321*
5-24	63	318	143	253	320*
5-26	65	320	145	259	322*
7-03	101	325	170	292	359*
7-05	102	330	172	294	367*
8-23	149	332	206	267	336*
8-25	151	334	208	269	338*
8-28	154	337	209	270	339*
10-16	202	332	243	310	385*
10-17	203	333	244	311	386*
10-18	204	334	245	312	387*
10-20	206	336	247	314	389
10-24	210	340	249	316	391
10-25	211	343	250	317	392
10-26	212	346	251	318	393
11-03	220	354	257	326	399
11-09	226	360	260	329	406
11-14	231	369	263	332	409
11-17	234	372	266	335	412
11-20	237	375	267	336	413

NOVEMBER 1973 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
10-11-72	197	327	13	314	373*
10-12	198	328	14	315	390*
12-18	266	335	59	314	389*
12-19	267	336	60	315	390*
12-22	270	339	63	318	393*
12-27	275	346	65	330	395*
1-02-73	281	352	67	332	409*
1-03	282	353	68	333	410*
1-05	284	355	70	335	412*
1-10	289	361	73	348	415*
2-14	325	401	97	392*	475
2-20	331	408	100	395*	478
2-22	333	410	102	407*	492
2-27	338	415	105	410*	495
3-01	340	417	107	412*	497
3-06	345	424	110	415*	500
3-07	346	425	111	416	426*
3-22	1	411	122	366	437*
4-11	20	412	136	388	471*
4-12	21	413	137	389	472*
5-17	56	455	161	429	516*
5-18	57	456	162	430	517*
5-31	69	589	170	535	620*
6-08	77	613	176	541	638*
6-11	80	616	177	542	639*
6-13	82	634	179	544	641*
6-19	87	639	183	558	645*
6-20	88	640	184	559	658*
6-25	93	661	186	561	660*
7-05	102	585	192	567*	666
7-11	108	591	196	571	670*
7-16	113	713	199	685	794*

NOVEMBER 1973 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1974 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
9-06-73	163	613	2	541	614*
9-07	164	614	3	564	639*
9-25	181	643	15	565*	664
9-26	182	644	16	566*	665
11-05	222	522	42	498	591*
11-06	223	523	43	515	592*
11-07	224	524	44	516	611*
11-09	226	534	46	518	613*
11-13	230	538	48	520	615*
11-15	232	540	50	538	617*
12-14	261	585	70	497	590*
12-17	264	588	71	498	591*
12-18	265	589	72	499	592*
12-19	266	590	73	514	593*
12-20	267	591	74	515	610*
12-21	269	593	75	516	611*
1-07-74	286	618	83	538	635*
1-09	288	620	85	540	637*
1-10	289	621	86	541	638*
1-14	293	633	88	543	640*
1-17	296	636	91	560	643*
1-21	300	640	93	562	661*
1-22	301	641	94	563	662*
3-15	354	615	130	544*	641
3-22	1	625	135	561*	660
4-02	12	542	142	477	568*
4-03	13	543	143	478	569*
4-04	14	564	144	479	570*
4-11	21	516	149	494	587*
4-15	24	519	150	495	588*
4-16	25	529	151	496	589*
4-19	28	541	154	499	592*

NOVEMBER 1974 SOYBEANS (CONTINUED)

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
4-22	31	553	155	500	593*
4-26	35	566	159	514	609*
5-06	45	517	165	433	520*
5-07	46	518	166	434	521*
5-08	47	519	167	435	522*
5-09	48	520	168	436	523*
5-10	49	529	169	529*	
5-13	52	540	170	535*	620
5-14	53	541	171	536*	633
5-16	55	543	173	538*	635
5-17	56	544	174	539*	636
6-11	80	521	190	474	565*
6-12	81	529	191	475	566*
6-13	82	537	192	476	567*
6-18	86	541	195	479	570*
6-19	87	542	196	480	571*
6-20	88	543	197	489	572*
7-29	126	854	223	832*	951
8-05	132	861	228	851*	972
8-16	143	775	237	747*	860
9-03	160	713	248	663	770*
9-04	161	714	249	664	771*
9-05	162	715	250	665	772*
9-06	163	716	251	666	773*
9-09	166	719	252	667	774*
9-18	175	742	259	684	793*
9-19	176	743	260	685	794*
10-01	187	883	268	802	919*
10-11	197	909	276	822*	941
11-07	224	833	294	739	852*
11-11	228	851	296	741	854*
11-18	235	745	301	641	746*

NOVEMBER 1975 SOYBEANS

[illegible]

NOVEMBER 1976 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
10-03-75	189	564	2	541*	614
10-08	194	569	5	566*	588
10-09	195	570	6	496*	589
10-10	196	571	7	517*	590
11-04	221	521	24	519*	614
12-16	263	494	53	452	541*
12-18	265	496	55	454	543*
12-19	266	497	56	455	544*
12-22	270	501	57	470	545*
3-03-76	342	504	105	495*	588
3-04	343	507	106	496*	589
3-05	344	510	107	497*	590
3-22	1	507	118	433	520*
3-26	5	495	122	447	524*
4-12	21	507	133	468	547*
5-04	43	507	148	493	586*
5-07	46	518	151	496	589*
5-10	49	529	152	497	590*
5-17	56	544	157	512	595*
5-19	57	545	158	513	608*
5-14	62	566	162	517	612*
5-25	63	567	163	518	613*
5-27	65	585	165	520	615*
5-28	66	586	166	521	616*
6-01	70	590	167	522	617*
6-03	72	592	169	529	619*
6-04	73	593	170	535	620*
6-07	76	612	171	536	633*
6-17	85	637	179	544	641*
6-18	86	638	180	545	642*
6-21	89	641	181	546	643*
6-23	91	651	183	651	

NOVEMBER 1976 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1977 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
10-28-76	214	609	14	564*	663
10-29	215	610	15	565*	664
11-01	218	613	16	566*	665
11-03	220	615	17	587*	666
11-04	221	616	18	588*	689
11-05	222	617	19	589*	690
11-08	225	625	20	590*	691
3-10-77	349	713	104	688	797*
3-16	355	719	108	692*	801
3-17	356	720	109	693*	802
3-22	1	703	112	609	712*
3-23	2	717	113	713*	824
3-28	7	715	116	716*	613
3-29	8	716	117	614	717*
3-31	10	718	119	616	719*
4-13	23	716	127	638	743*
4-14	24	717	128	639	744*
4-19	28	743	131	642	747*
4-22	31	746	134	659	766*
4-28	37	687	138	663	770*
5-04	43	713	141	666	773*
5-05	44	714	142	667	774*
5-06	45	715	143	668	775*
5-09	48	718	144	669	776*
5-10	49	719	145	684	777*
5-13	52	742	148	686*	796
7-11	108	591	187	562*	661
7-13	110	593	189	564*	663
7-15	112	609	191	566*	665
8-01	128	542	202	494	587*
8-02	129	543	203	495	588*
8-05	133	559	206	498*	591

NOVEMBER 1977 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1978 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
12-13-77	260	584	37	568	586*
12-14	261	585	38	494	587*
12-15	262	586	39	495	588*
12-19	266	590	41	590*	
12-20	267	591	42	591*	
2-09-78	320	569	77	518	613*
2-10	321	570	78	519	614*
2-14	325	574	80	520	616*
3-01	340	595	90	545	642*
3-02	341	596	91	560	643*
3-03	342	597	92	561	660*
3-07	346	607	94	563	662*
3-10	349	610	97	566	665*
3-13	352	613	98	567	666*
3-14	353	614	99	568	667*
3-15	354	615	100	569	668*
3-16	355	616	101	584	669*
3-20	359	620	103	586	687*
3-21	360	621	104	587	688*
3-22	1	613	105	588	689*
3-23	2	614	106	589	690*
3-29	8	613	109	592	693*
3-30	9	614	110	593	694*
3-31	10	615	111	608*	695
4-17	26	636	122	633*	722
5-03	43	601	134	560	659*
5-08	47	614	137	563	662*
5-09	48	615	138	564	663*
5-10	49	616	139	565	664*
6-13	81	625	162	612*	715
9-25	181	643	234	639*	744
9-26	182	644	235	640*	745

NOVEMBER 1978 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1979 SOYBEANS

[illegible]

NOVEMBER 1980 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
9-25-79	181	748	3	744*	770
9-26	182	749	4	664	771*
9-27	183	764	5	689	772*
10-02	188	769	8	716*	827
10-03	189	770	9	729*	828
10-04	190	771	10	742*	829
1-11-80	290	725	75	714*	825
1-17	296	741	79	718*	829
1-18	297	742	80	719*	830
3-07	346	710	114	611	714*
4-01	11	638	131	545	642*
4-02	12	639	132	546	643*
4-03	13	651	133	651*	
4-22	31	651	145	583	670*
4-23	32	662	146	584	685*
4-25	34	664	148	586	687*
5-19	57	651	164	614	717*
7-14	111	804	202	797*	914
7-15	112	823	203	798*	915
7-17	114	825	205	800*	917
7-28	124	740	212	710	821*
9-11	138	770	222	720	831*
8-14	141	773	225	729	834*
8-29	155	803	236	746	859*
9-02	159	823	237	747	860*
9-03	160	824	238	748	861*
9-04	161	825	239	749	862*
9-05	162	826	240	750	863*
9-12	169	841	245	767	882*
9-17	174	854	248	770	885*
9-18	175	855	249	771	886*
9-23	179	859	252	774	889*
9-24	180	860	253	775	890*

NOVEMBER 1981 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
9-12-80	169	841	2	828	856*
10-31	217	826	37	796	889*
11-03	220	829	38	797*	914
11-06	223	832	40	799*	916
11-07	224	833	41	800*	917
11-18	235	858	48	829*	948
11-24	241	864	52	855*	976
11-26	243	880	54	857*	978
11-28	245	882	55	858*	979
12-01	248	885	56	859*	980
12-11	258	792	64	774*	889
12-12	259	793	65	775	795*
12-15	262	796	66	796*	
12-16	263	797	67	797*	
12-17	264	798	68	798*	
12-31	279	825	76	715	826*
1-02-81	281	827	77	827*	
1-09	288	834	82	832*	852
1-12	291	849	83	740	853*
1-16	295	853	87	744	857*
1-19	298	856	88	745	858*
3-02	341	806	117	717	828*
3-23	2	828	132	748	861*
3-31	10	829	138	770*	885
4-13	22	826	147	795*	912
4-14	23	827	148	796*	913
4-15	24	828	149	797*	914
5-04	43	802	161	714*	825
5-27	65	775	177	744*	857
6-22	90	747	195	669	776*
6-23	91	748	196	670	777*
8-21	147	686	238	643*	748

NOVEMBER 1981 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1982 SOYBEANS

[illegible]

NOVEMBER 1983 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
10-11-82	197	577	35	566	665*
10-13	199	584	37	568	586*
10-14	201	586	38	494	587*
12-15	262	586	80	521	616*
12-16	263	587	81	529	617*
12-17	264	588	82	537	618*
3-14-83	353	614	140	566	665*
3-16	355	616	142	568	667*
3-22	1	651	146	584	685*
4-07	17	677	157	607	696*
4-08	18	689	158	608*	711
4-11	21	692	159	609*	712
4-28	37	677	172	634*	739
5-19	57	651	187	562	661*
6-13	81	617	203	588	689*
6-14	82	618	204	589	690*
7-20	117	717	229	634	739*
7-21	118	718	230	635	740*
7-25	121	721	232	637	742*
7-26	122	738	233	638	743*
7-28	124	740	235	640	745*
8-01	128	744	237	642	747*
8-12	139	886	246	883*	1,006
8-16	143	890	248	885*	1,008
8-18	144	891	250	887*	1,010
8-23	149	914	253	890*	1,013
8-24	150	915	254	891*	1,014
8-26	152	917	256	893*	1,016
8-29	155	920	257	908*	1,017
9-09	166	949	265	916*	1,041
9-13	170	953	267	918*	1,043
9-16	173	853	270	804	921*

NOVEMBER 1983 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1984 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
9-14-83	171	738	31	661	746*
9-15	172	739	32	662	769*
9-19	175	742	34	664	771*
9-20	176	743	35	665	772*
9-23	179	746	38	688*	797
10-10	196	670	49	625	719*
10-11	197	683	50	635	720*
10-13	199	685	52	637	742*
12-05	252	667	88	630	745*
12-06	253	668	89	641	746*
12-07	254	699	90	642	747*
12-08	255	670	91	659	748*
12-09	256	671	92	660	767*
12-14	261	686	95	663	770*
12-15	262	687	96	664	771*
12-16	263	688	97	665*	772
12-21	269	694	100	688*	775
12-22	270	695	101	685*	776
12-27	275	710	103	687*	796
1-03-84	282	717	107	691*	800
1-05	284	719	109	693*	802
1-06	285	720	110	694*	803
1-09	288	723	111	711*	804
1-10	289	724	112	712*	823
1-11	290	725	113	713*	824
3-20	359	723	161	714*	825
4-02	12	744	170	737*	834
5-07	46	716	194	668*	775
5-10	49	719	197	683*	778
5-18	56	746	203	689*	798
6-07	76	715	216	714*	825
6-08	77	716	217	715*	826

NOVEMBER 1984 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1985 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
7-27-84	123	634	5	588	665*
7-30	126	637	6	589*	690
9-13	170	620	38	587*	688
11-19	236	641	85	637*	742
11-20	237	642	86	638*	743
11-21	238	643	87	639*	744
1-2-85	281	613	114	611*	714
1-03	282	614	115	612*	715
1-04	283	615	116	613*	716
2-25	336	591	152	590*	691
2-26	337	592	153	591*	692
2-27	338	593	154	592*	693
3-19	358	619	168	618*	721
3-22	1	613	171	536*	633
3-28	7	612	175	540*	637
3-29	8	613	176	541*	638
4-12	21	611	185	560*	659
6-27	95	564	238	546*	643
7-25	122	536	257	488*	573
7-26	123	537	258	489*	582
7-29	125	539	259	490*	583
9-05	162	517	286	436	523*
10-24	210	502	321	479	570
10-31	217	517	326	488*	581
11-01	218	518	327	489*	582
11-06	223	523	330	492*	585

NOVEMBER 1986 SOYBEANS

[illegible]

NOVEMBER 1987 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
8-20-86	146	491	21	429	498*
8-21	147	492	22	430	517*
8-22	148	493	23	431	518*
8-29	155	500	28	452	541*
10-17	203	495	62	475*	566
10-20	206	498	63	476*	567
10-21	207	499	64	477*	568
10-22	208	500	65	492*	569
12-15	262	493	102	492*	585
2-09-87	320	478	140	475*	566
2-10	321	479	141	476*	567
3-24	3	473	170	446	525*
3-25	4	474	171	447	536*
4-14	23	518	185	469	560*
5-21	59	563	211	511	596*
5-22	60	564	212	512	607*
6-23	91	553	233	541*	638
6-25	93	562	235	543*	640
6-26	94	563	236	544*	641
7-16	113	515	249	474	565*
7-17	114	516	250	475	566*
7-21	118	520	252	477	568*
7-22	119	521	253	478	569*
7-23	120	522	254	479	570*
7-28	124	538	257	488	573
7-29	125	539	258	489	582
8-31	157	507	281	431	518*
9-04	161	516	285	435	522*
9-08	165	520	286	436	523*
9-09	166	521	287	437	524*
9-10	167	522	288	438	525*
9-16	173	538	292	535*	632

NOVEMBER 1988 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
7-27-87	123	537	2	519	541*
9-14	171	536	36	476	567*
9-15	172	537	37	493	568*
9-16	173	538	38	494	587*
9-17	174	539	39	495	588*
12-08	255	571	96	565*	664
12-09	256	572	97	566*	665
12-10	257	573	98	567	666*
12-11	258	582	99	568	667*
12-14	261	585	100	569	668*
12-15	262	586	101	584*	669
12-18	265	589	104	587*	688
12-21	269	593	105	588*	689
12-31	279	611	112	609*	712
1-05-88	284	616	114	611	714*
1-08	287	619	117	614	717*
1-11	290	622	118	615*	718
1-20	299	639	125	636*	741
1-21	300	640	126	637*	742
1-22	301	641	127	638*	743
1-25	304	644	128	639*	744
1-26	305	645	129	640*	745
3-22	1	664	169	625	722*
4-07	17	688	180	642	747*
4-11	21	703	182	644	749*
4-12	21	703	183	657	750*
5-05	44	714	200	686	795*
5-06	45	715	201	687	796*
5-09	48	718	202	688	797*
5-10	49	729	203	689	798*
5-11	50	740	204	690	799*
5-13	52	742	206	692	801*

NOVEMBER 1988 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1989 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
5-26-88	65	677	5	677*	
5-27	66	687	6	589	690*
6-07	76	715	12	639	744*
6-08	77	716	13	662	745*
6-09	78	717	14	663	770*
6-10	79	718	15	664	771*
6-13	81	720	16	665	772*
6-15	83	740	18	689*	798
6-16	84	741	19	690*	799
6-22	90	747	23	716*	827
6-24	92	767	25	729*	829
6-28	96	771	27	742*	855
6-30	98	773	29	744*	857
7-19	116	716	41	691*	800
7-20	117	717	42	692*	801
7-21	118	718	43	713*	802
7-22	119	719	44	714*	825
8-23	149	688	66	586	687*
8-24	150	689	67	688*	797
11-09	226	736	121	729*	832
11-10	227	737	122	722*	738
3-22	1	757	212	710*	821
3-30	9	717	217	715*	826
4-17	26	741	229	739*	852
5-09	48	718	245	660*	767
5-10	49	719	246	661*	768
5-22	60	663	254	570	669*
5-23	61	664	255	571	670*
6-12	80	616	268	592	693*
6-13	81	625	269	593	694*
6-14	82	634	270	594	695*
6-22	90	642	276	608	711*

NOVEMBER 1989 SOYBEANS (CONTINUED)

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NOVEMBER 1990 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
6-12-89	81	617	15	565	664*
6-14	82	634	17	587*	666
6-15	83	635	18	588*	689
8-21	147	585	64	568*	667
8-22	148	586	65	585*	668
8-23	149	587	66	586*	687
8-31	157	595	72	592*	693
10-10	196	571	99	568*	667
1-02-90	281	613	156	594*	695
1-03	282	614	157	607*	696
1-04	283	615	158	608*	711
1-05	284	616	159	609*	712
1-09	288	620	161	611*	714
3-22	1	625	212	607*	709
3-29	8	613	217	612*	715
3-30	9	614	218	613*	716
4-12	22	612	227	535	632*
5-15	54	639	249	565	664*
5-16	55	640	250	566	665*
5-17	56	641	251	567	666*
5-18	57	642	252	568	667*
6-04	73	601	262	586*	687
6-06	75	611	264	588*	689
6-07	76	612	265	589*	690
7-02	100	668	282	614*	717
7-03	101	677	283	615*	718
7-20	117	614	295	635*	740
9-13	170	632	333	588*	689
9-14	171	633	334	589*	690
10-25	211	606	363	533	630

NOVEMBER 1991 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
6-18-90	86	638	17	587	666*
7-02	100	668	27	637*	742
7-23	120	617	41	590*	691
7-24	121	625	42	591*	692
7-25	122	619	43	610	693
9-13	170	632	78	614*	717
9-14	171	633	79	615*	718
10-31	217	612	112	609*	712
11-05	222	617	115	612*	715
12-28	276	608	152	590*	691
3-15-91	353	614	205	590*	691
4-16	25	615	226	534	621*
4-17	26	616	227	535*	632
5-28	66	586	255	571*	670
5-29	67	587	256	572*	671
5-30	68	588	257	581*	672
6-04	73	593	260	584*	685
6-27	95	564	277	514	609*
8-02	129	640	302	545	642*
8-16	143	569	312	561*	660
8-26	152	590	318	567*	666
8-27	153	591	319	568*	667
8-28	154	592	320	569*	668
10-09	195	570	349	515	610

NOVEMBER 1992 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
6-03-91	73	609	8	518	613*
7-03	101	570	30	543*	640
8-19	145	571	62	566*	665
8-29	155	593	70	590*	691
10-14	200	585	101	584*	669
10-15	201	586	102	585*	686
10-16	202	587	103	586*	687
10-22	208	593	107	590*	691
12-09	257	581	140	566*	665
3-16-92	355	616	207	592*	693
3-17	356	617	208	593*	694
3-18	357	618	209	594*	695
3-19	358	619	210	595*	696
3-20	359	620	211	606*	697
4-08	18	588	224	524	619*
4-09	19	589	225	529	620*
4-10	20	590	226	534	621*
5-04	43	610	239	547	644*
5-07	46	613	242	558*	657
5-13	52	637	246	562*	661
5-15	54	639	248	564*	663
7-07	104	587	283	520	615
7-08	105	588	284	521	616
7-09	106	589	285	522	617
8-05	133	547	304	547*	644
9-21	177	542	336	498	591
9-24	180	545	339	501	594
9-25	181	546	340	502	595

NOVEMBER 1993 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
5-04-92	44	611	17	587*	666
5-05	45	612	18	588*	689
5-06	46	613	19	589*	690
5-08	48	615	21	611*	692
6-04	74	610	39	588*	689
6-05	75	611	40	589*	690
6-09	78	614	42	591*	692
7-13	111	594	65	585*	668
8-12	139	565	87	542	639*
8-18	145	571	91	560	643*
10-05	190	565	124	538	635*
12-17	265	589	176	541	638*
12-18	266	590	177	542	639*
12-21	269	593	178	543	640*
3-01-93	340	595	225	529	620*
3-02	341	596	226	534	621*
3-03	342	597	227	535	632*
3-04	343	598	228	536	633*
4-12	22	612	254	570	669*
7-06	104	688	313	661*	768
7-12	110	694	317	665*	772
7-13	111	695	318	666*	773
7-14	112	712	319	667*	774
7-15	113	713	320	668*	775
7-21	119	719	324	672*	779
7-22	120	720	325	681*	780
7-23	121	729	326	682*	791
8-12	140	664	340	595	696
9-10	167	617	360	526	621*
9-13	170	632	361	625*	725
9-15	172	634	363	630*	735
9-17	174	636	365	632*	737

NOVEMBER 1993 SOYBEANS (CONTINUED)

[illegible]

NOVEMBER 1994 SOYBEANS

DATE	SUN DEGREE	SVP	SI	PP 1	PP 2
3-01-93	341	596	52	540	637*
3-04	343	601	55	543	640*
4-12	22	612	81	529	617*
5-03	43	592	96	565	664*
6-01	71	591	116	518	613*
7-23	121	625	153	591	692*
7-27	124	635	155	593	694*
9-10	167	617	187	562	661*
9-13	170	620	188	563	662*
11-15	233	638	233	638*	
11-16	234	639	234	639*	
11-17	235	640	235	640*	
1-27-94	307	655	283	615*	718
3-22	1	651	320	569	668*
3-24	3	651	322	571	670*
4-12	22	612	334	589	690*
4-14	24	614	336	591	692*
4-15	25	615	337	592	693*
5-06	45	612	351	612*	
5-09	48	615	352	613*	716
5-10	49	616	353	614*	717
5-11	50	617	354	615*	718
5-18	57	642	359	620*	723
5-19	58	661	360	621*	724
5-20	59	662	361	625*	725
5-24	62	665	363	630*	735
6-22	91	651	383	557	656*
7-05	102	585	391	565*	664
7-06	103	586	392	566*	665
7-08	105	588	394	568*	667
8-05	133	559	414	499	592
8-08	135	561	415	500	593

NOVEMBER 1994 SOYBEANS (CONTINUED)

[illegible]

APPENDIX

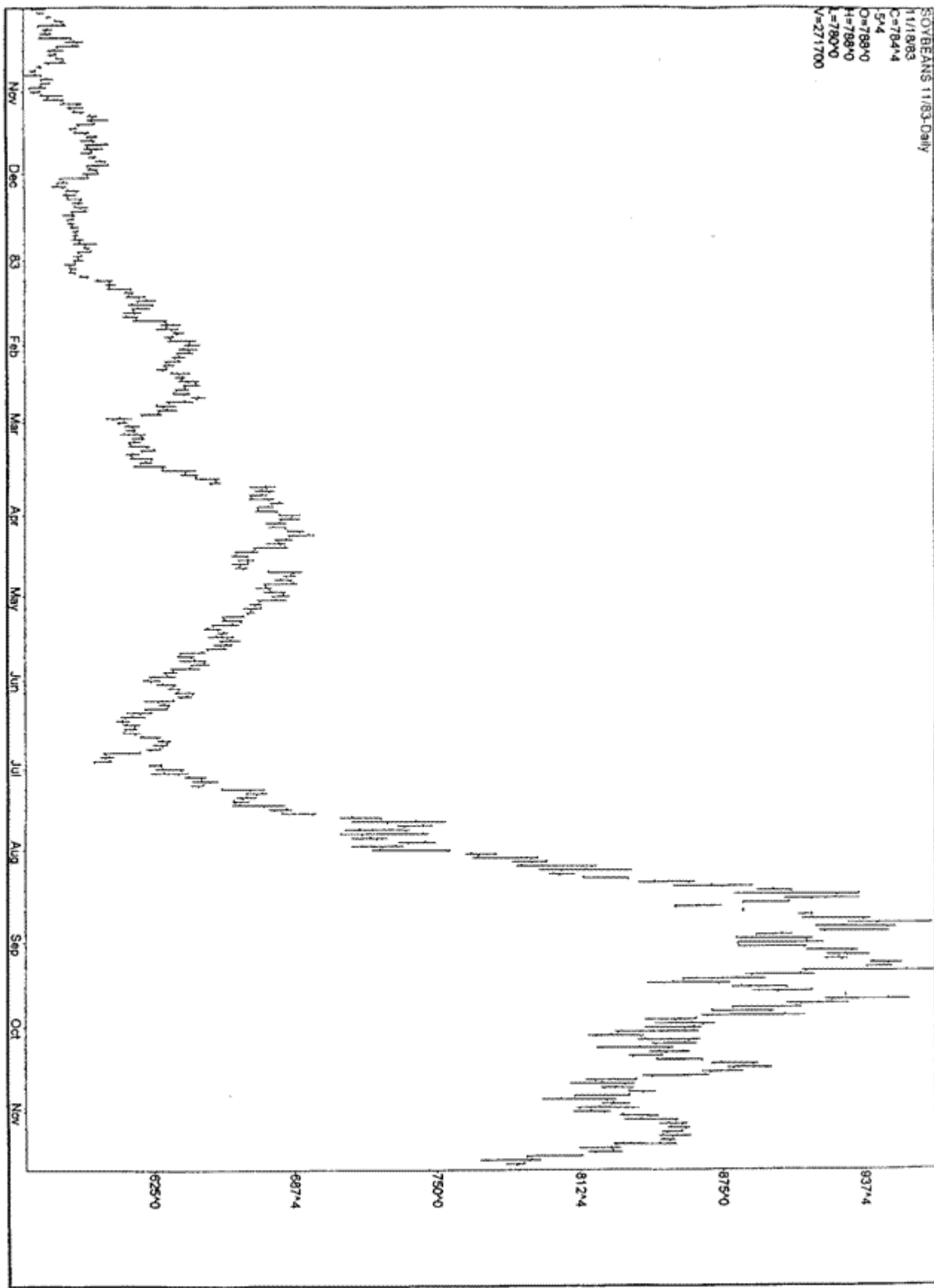
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993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025		
992	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	1026		
991	870	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	902	1027		
990	869	756	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	786	903	1028		
989	868	755	650	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	678	787	904	1029		
988	867	754	649	552	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	578	679	788	905	1030		
987	866	753	648	551	462	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	486	579	680	789	906	1031		
986	865	752	647	550	461	380	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	402	487	580	681	790	907	1032		
985	864	751	646	549	460	379	306	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	326	403	488	581	682	791	908	1033		
984	863	750	645	548	459	378	305	240	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	258	327	404	489	582	683	792	909	1034		
983	862	749	644	547	458	377	304	239	182	133	134	135	136	137	138	139	140	141	142	143	144	145	198	259	328	405	490	583	684	793	910	1035		
982	861	748	643	546	457	376	303	238	181	132	91	92	93	94	95	96	97	98	99	100	101	146	199	260	329	406	491	584	685	794	911	1036		
981	860	747	642	545	456	375	302	237	180	131	90	57	58	59	60	61	62	63	64	65	102	147	200	261	330	407	492	585	686	795	912	1037		
980	859	746	641	544	455	374	301	236	179	130	89	56	31	32	33	34	35	36	37	66	103	148	201	262	331	408	493	586	687	796	913	1038		
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973	852	739	634	537	448	367	294	229	172	123	82	49	81	80	79	78	77	76	75	74	73	110	155	208	269	338	415	500	593	694	803	920	1045	
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971	850	737	632	535	446	365	292	227	170	169	168	167	166	165	164	163	162	161	160	159	158	157	210	271	340	417	502	595	696	805	922	1047		
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968	847	734	629	532	443	362	361	360	359	358	357	356	355	354	353	352	351	350	349	348	347	346	345	344	343	420	505	598	699	808	925	1050		
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966	845	732	627	530	529	528	527	526	525	524	523	522	521	520	519	518	517	516	515	514	513	512	511	510	509	508	507	600	701	810	927	1052		
965	844	731	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	702	811	928	1053		
964	843	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	812	929	1054		
963	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	930	1055		
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1067	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037		

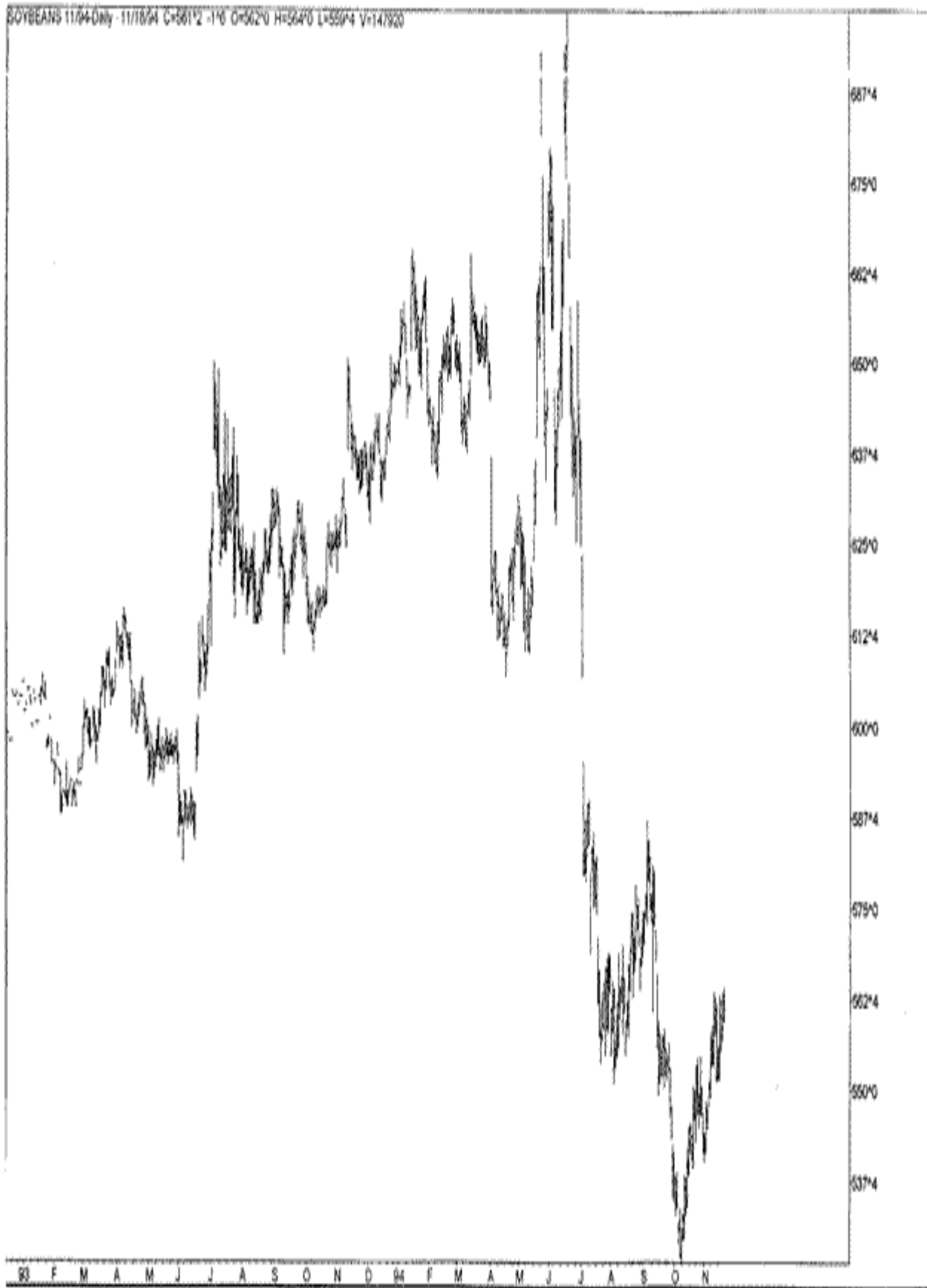
SUN DEGREE BY DATE

Day of Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	280	312	340	11	40	70	99	128	158	187	218	248
2	281	313	341	12	41	71	100	129	159	188	219	249
3	282	314	342	13	42	72	100	130	160	189	220	250
4	283	315	343	14	43	73	101	131	161	190	221	251
5	284	316	344	15	44	74	102	132	162	191	222	252
6	285	317	345	16	45	75	103	133	163	192	223	253
7	286	318	346	17	46	76	104	134	164	193	224	254
8	287	319	347	18	47	77	105	135	165	194	225	255
9	288	320	348	19	48	78	106	136	166	195	226	256
10	289	321	349	20	49	79	107	137	167	196	227	257
11	290	322	350	21	50	79	108	138	168	197	228	258
12	291	323	351	21	51	80	109	139	169	198	229	259
13	292	324	352	22	52	81	110	140	170	199	230	260
14	293	325	353	23	53	82	111	141	171	200	231	261
15	294	326	354	24	54	83	112	142	172	201	232	262
16	295	327	355	25	55	84	113	143	173	202	233	263
17	296	328	356	26	56	85	114	143	174	203	234	264
18	297	329	357	27	56	86	115	144	174	204	235	265
19	298	330	358	28	57	87	116	145	175	205	236	266
20	299	331	359	29	58	88	117	146	176	206	237	268
21	300	332	360	30	59	89	118	147	177	207	238	269
22	301	333	1	31	60	90	119	148	178	208	239	270
23	302	334	2	32	61	91	120	149	179	209	240	271
24	303	335	3	33	62	92	121	150	180	210	241	272
25	304	336	4	34	63	93	121	151	181	211	242	273
26	305	337	5	35	64	94	122	152	182	212	243	274
27	306	338	6	36	65	95	123	153	183	213	244	275
28	307	339	7	37	66	96	124	154	184	214	245	276
29	308		8	38	67	97	125	155	185	215	246	277
30	310		9	39	68	98	126	156	186	216	247	278
31	311		10		69		127	157		217		279

SOYBEANS 11/83-Daily
11/1/83
C=784.4
S=4
O=788.0
H=788.0
L=780.0
N=271700



SOYBEANS 11/94-Only - 11/18/94 C=561'2 -1'6 O=562'0 H=564'0 L=559'4 V=147920



DATA SERVICES

Data used in our work was secured from the following sources:

Jim Twentymen, Custom Charts, 1997 Bush Drive, Los Osos, Ca. 93402
Tel. 805-528-5400
OR
Genesis Financial Data Service 1-800-808-3282

COMMITMENT OF TRADERS REPORT SOURCES

S. Brieze, 14600 Blaine Av. East, Rosemount, Mn. 55068
Genesis Financial Data Service 1-800-808-3282
Liedahl Communications 612-493-2501
Pinnacle Data Corp. 716-872-0845

Chart Services that we are aware of that include C.O.T. information are
Commodity Price Charts, 219 Parkade, PO Box 6, Cedar Falls, IA 50613

Commodity Trend Service, PO Box 32309, Palm Beach Gardens, FL 33410

FIRST TRADE VERIFICATION SOURCE

Research Department--Chicago Board of Trade 312-435-3468

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A- Z Horoscope Maker & Delineator - LLevellyn George- LLevellyn Pub.

Moon Observer's Handbook -Price-Cambridge U. Press

American Ephemeris 1930-1970-Michelsen- A.C.S. Publication

American Ephemeris 1981-1990 -Michelsen- A.C.S. Publication

American Ephemeris 1991-2000-Michelsen- A.C.S Publication

Practical Astro-A Guide to Profitable Trading- Miller & Williams.