

**Arizona Monsoon Time Scale  
(Basics of the Arizona Monsoon Time Scale)**

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**Abstract:** The Arizona Monsoon is a well-defined meteorological event (technically called a meteorological singularity) that occurs during the summer throughout the southwest portion of North America. During the winter time, the primary wind flow in Arizona is from the west or northwest from California and Nevada. As we move into the summer, the winds shift to a southerly or southeasterly direction moisture streams northward from the Pacific Ocean and the Gulf of Mexico. This shift produces a radical change in moisture conditions state wide. Such a change, together with daytime heating, is the key to the Arizona Monsoon.

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**Key Words:** Arizona Monsoon, Indian monsoon Time Scale, Chronological sequence, Main path of the Indian Monsoon Astrogeophysical/Astrometeorological Phenomena.

**Introduction:**

The Arizona Monsoon Time Scale is a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past, present and future movements of the Arizona Monsoon and its relationship with rainfall and other weather problems and natural calamities.

**Preparation Of The Scale:**

Prepare the Arizona Monsoon Time Scale having 365 horizontal days from March 21<sup>st</sup> to next year March 20<sup>th</sup> (or 1<sup>st</sup> April to next year March 31<sup>st</sup> or according to convenience) for a required period comprising of a large time and weather have been taken and framed into a Square graphic scale, or 2, or 4 parts later the parts may be combined with pasting.

**Data Required For The Scale:**

The main Weather events of the monsoon season if any pertaining to the monsoon season may be taken to formulating the Arizona Monsoon time Scale.

**Performance Of The Scale:**

Prepare the Arizona Monsoon Time Scale having 365 horizontal days from March 21<sup>st</sup> to next year March 20<sup>th</sup> (or 1<sup>st</sup> April to Next Year March 31<sup>st</sup> or according to convince) for a required period comprising of a Large time and weather have been taken and framed into a square graphic Scale. The Scale may be prepared either in a single from, or 2, or 4 parts later the parts should be combined with pasting. The main weather events if any pertaining to the monsoon season of the region have been entering on the scale as per the date and month of the each and

every year. If we have been managing the Arizona Monsoon Time Scale in this manner continuously we can study the past, present and future movements of the Arizona Monsoon and its relationship with weather problems and Natural calamities of the monsoon.

**Sample Model Scale:**

For example, I have prepared the monsoon time scale for India by preparing the scale having 365 horizontal days from 1<sup>st</sup> April to next year March 31<sup>st</sup> of 128 years from 1888 to 2016 of the required period comprising of large time and weather have been taken and framed into a square graphic scale. The monsoon pulses in the form of low pressure systems over the Indian region have been entering on the scale in stages by 1 for low, 2 for depression, 3 for storm, 4 for severe storm and 5 for severe storm with core of hurricane winds pertaining to the date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past, present's and future's of the India Monsoon and its relationship with rainfall and other weather problems & natural calamities in India.

**Analysis:**

The India Monsoon Time Scale reveals many secrets of the Indian monsoon and its relationship with rainfall & other weather problems and natural calamities. For example, some bands, clusters and paths of low pressure systems along with the main paths of the Indian Monsoon (South-west monsoon and north-east monsoon) clearly seen in the map of the Indian monsoon it have been some cut-edged paths passing through its systematic zigzag cycles in

ascending and descending orders which causes heavy rains & floods in some years and droughts & famines in another years according to their travel. The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.

#### Measuring Of The Monsoon:

For example, during 1871-1990's, the main path of the Indian Monsoon was rising over June, July, August and creating heavy rains and floods in most years. During 1900-1920's, it was raising over August, September and resulting good rainfall in more years. During 1965-2004's it was falling over September and causing low rainfall and droughts in many years. At present it is rising upwards over June, July, August, September and will be resulting heavy rains & floods in coming years during 2004-2060. The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.

#### Principle:

This is an Astrogeophysical/Astrometeorological phenomenon of effects of astronomical bodies and forces on the earth's geophysical atmosphere. The cause is unknown however the year to year change of movement of axis of the earth inclined at  $23\frac{1}{2}$  degrees from vertical to its path around the sun does play a significant role in formation of clusters, bands & paths of the Indian Monsoon and stimulates the Indian weather. The inter-tropical convergence zone at the equator follows the movement of the sun and shifts north of the equator merges with the heat low pressure zone created by the rising heat of the sub-continent due to direct and converging rays of the summer sun on the India Sub-Continent and develops into the monsoon trough and maintain monsoon circulation.

#### Physical Appearance:

It is came to know in my researches that the Arizona Monsoon has a special physical appearance just as the Indian Monsoon.

#### Measures Of The European Monsoon:

It is came to know in my researches that the Arizona Monsoon having some peculiar measures just as identified in the Indian Monsoon.

#### Conclusions:

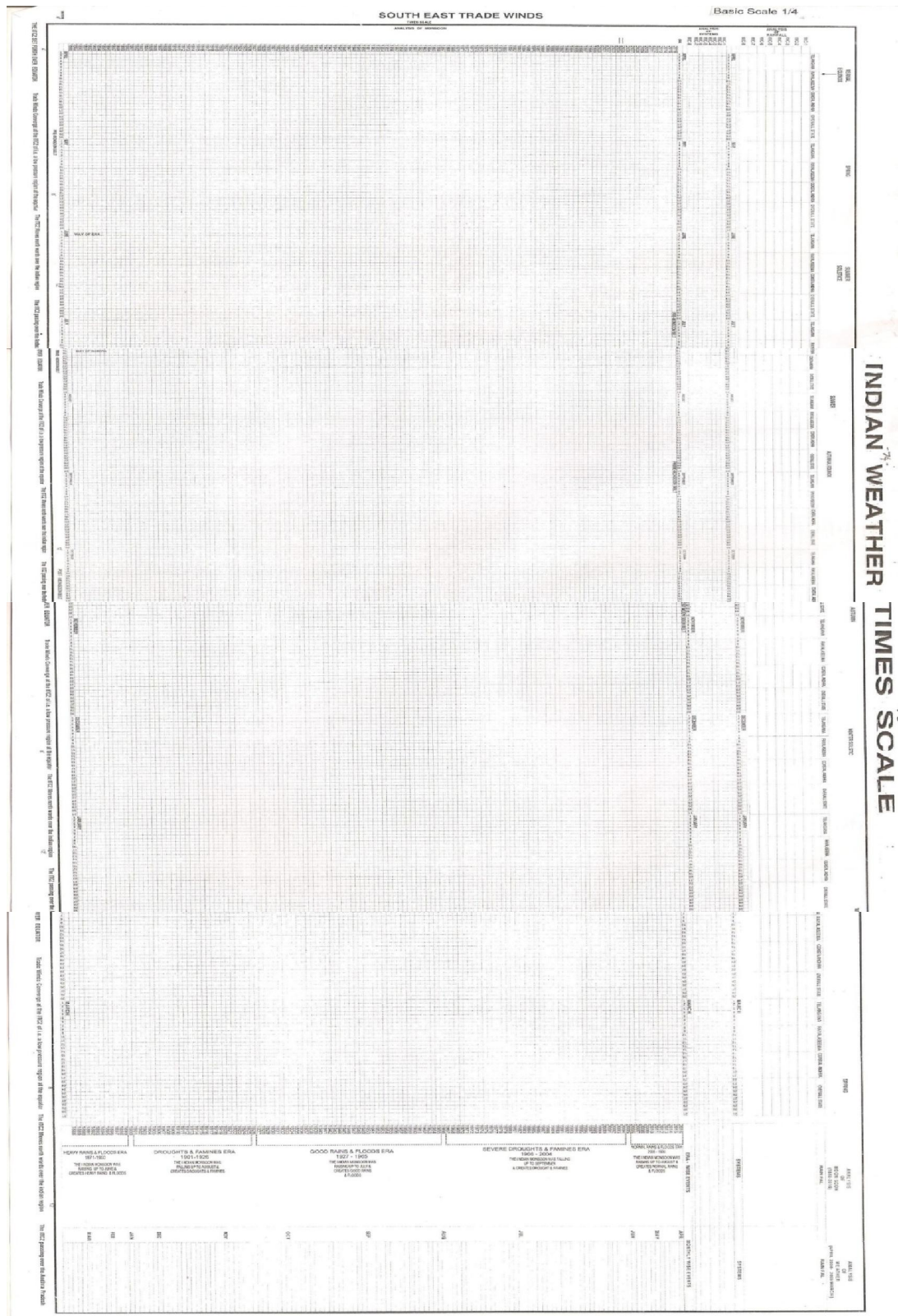
The world Scientist hereby requested to continue the further researches on the Arizona Monsoon Time Scale and find out the mysteries of the Arizona Monsoon and we can make many more modifications thus bringing many more developments in the Arizona Monsoon Time Scale.

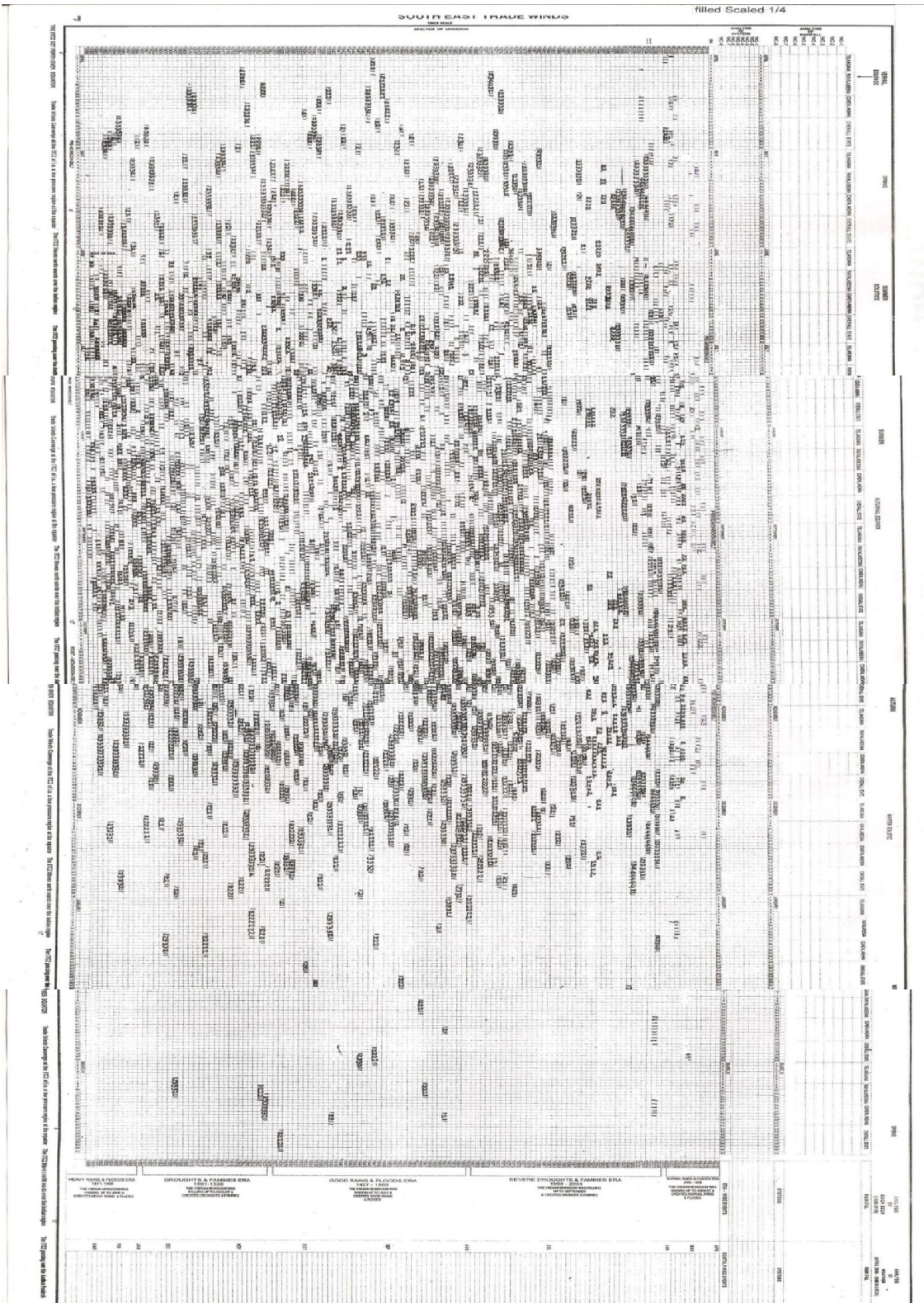
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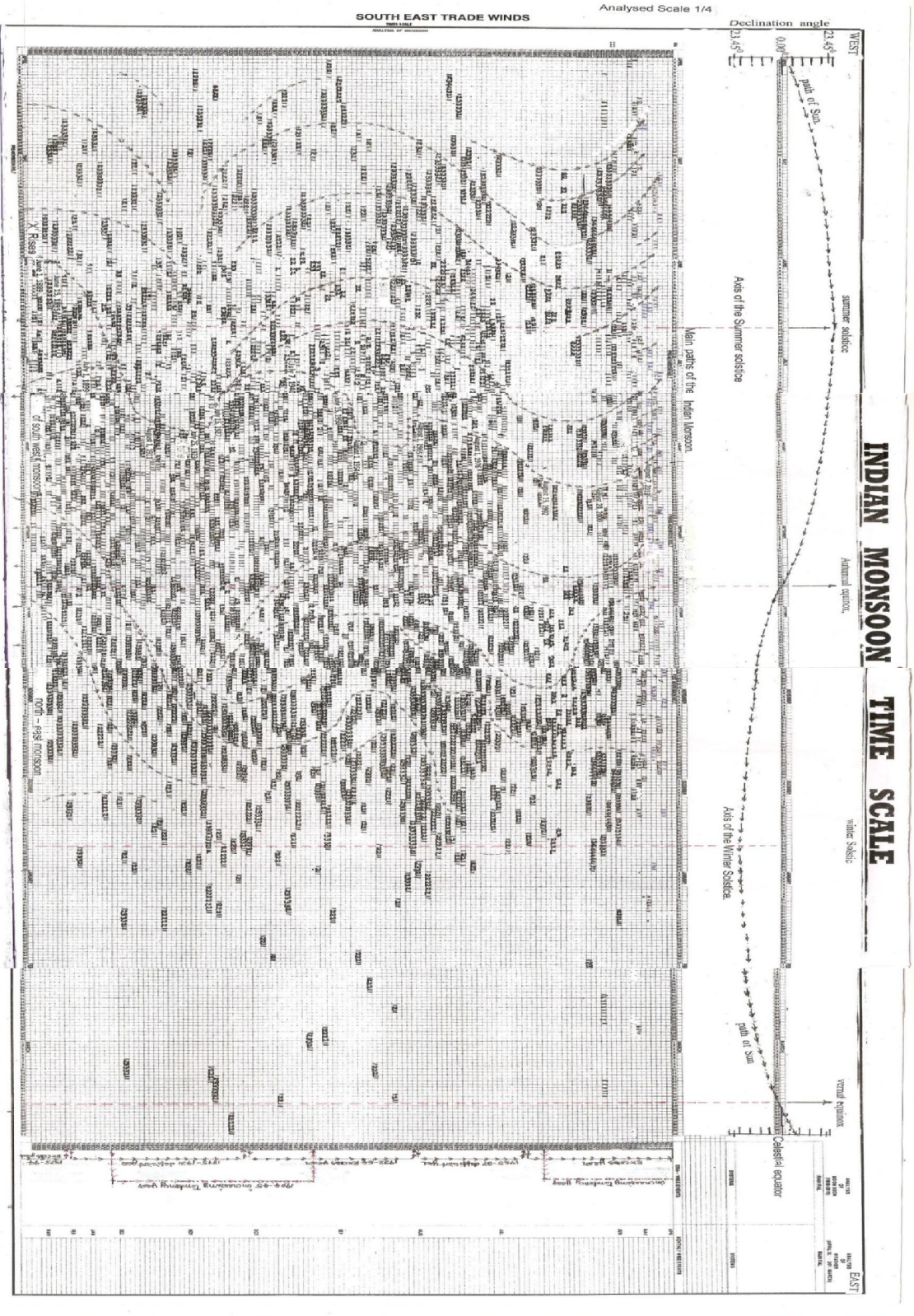
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Appendices:

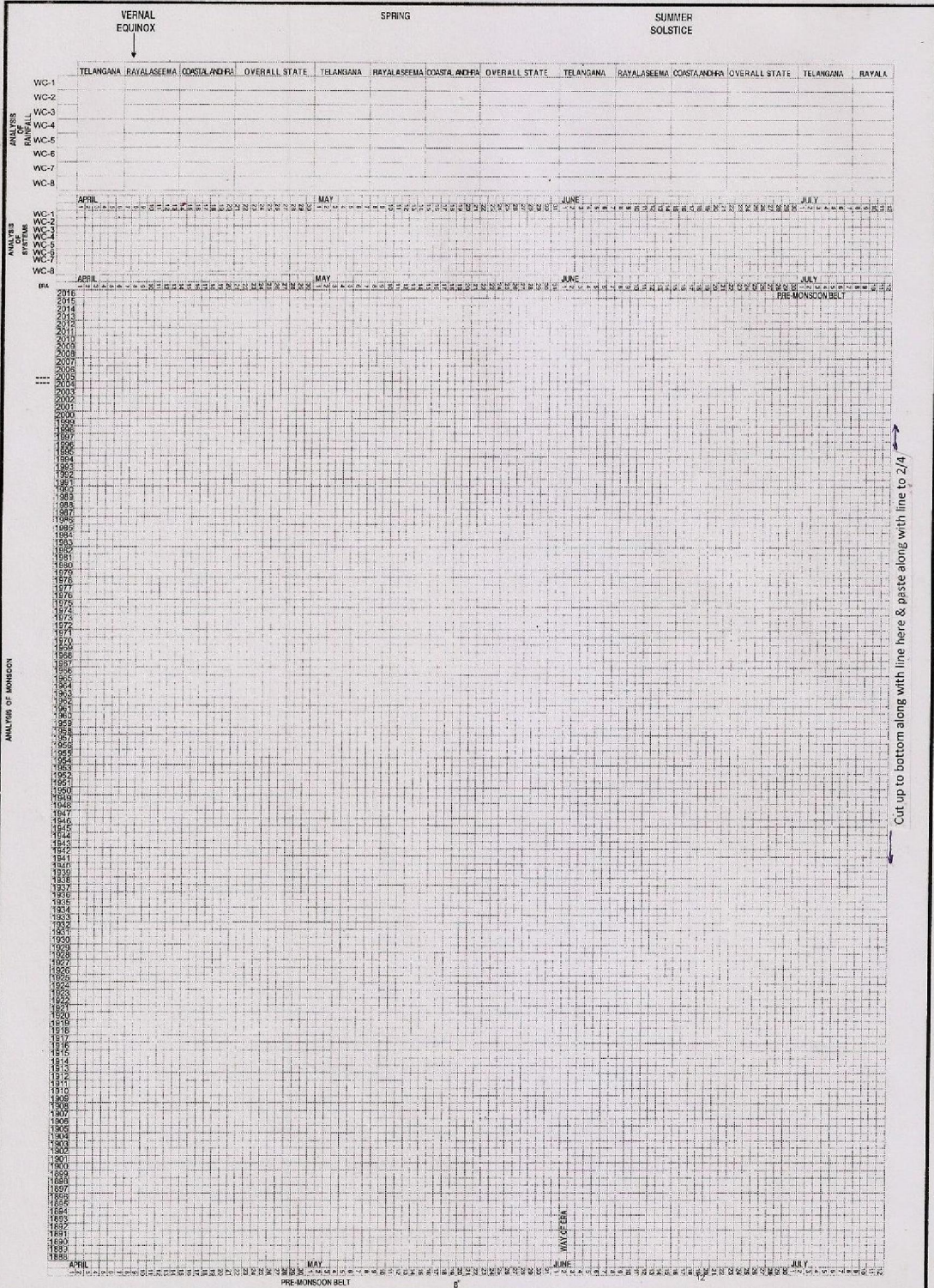






Basic Scale 1/4

SOUTH EAST TRADE WINDS  
TIMES SCALE



THE ITCZ SET FORTH OVER EQUATOR Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator The ITCZ Moves north wards over the Indian region The ITCZ passing over the Andhra Pradesh

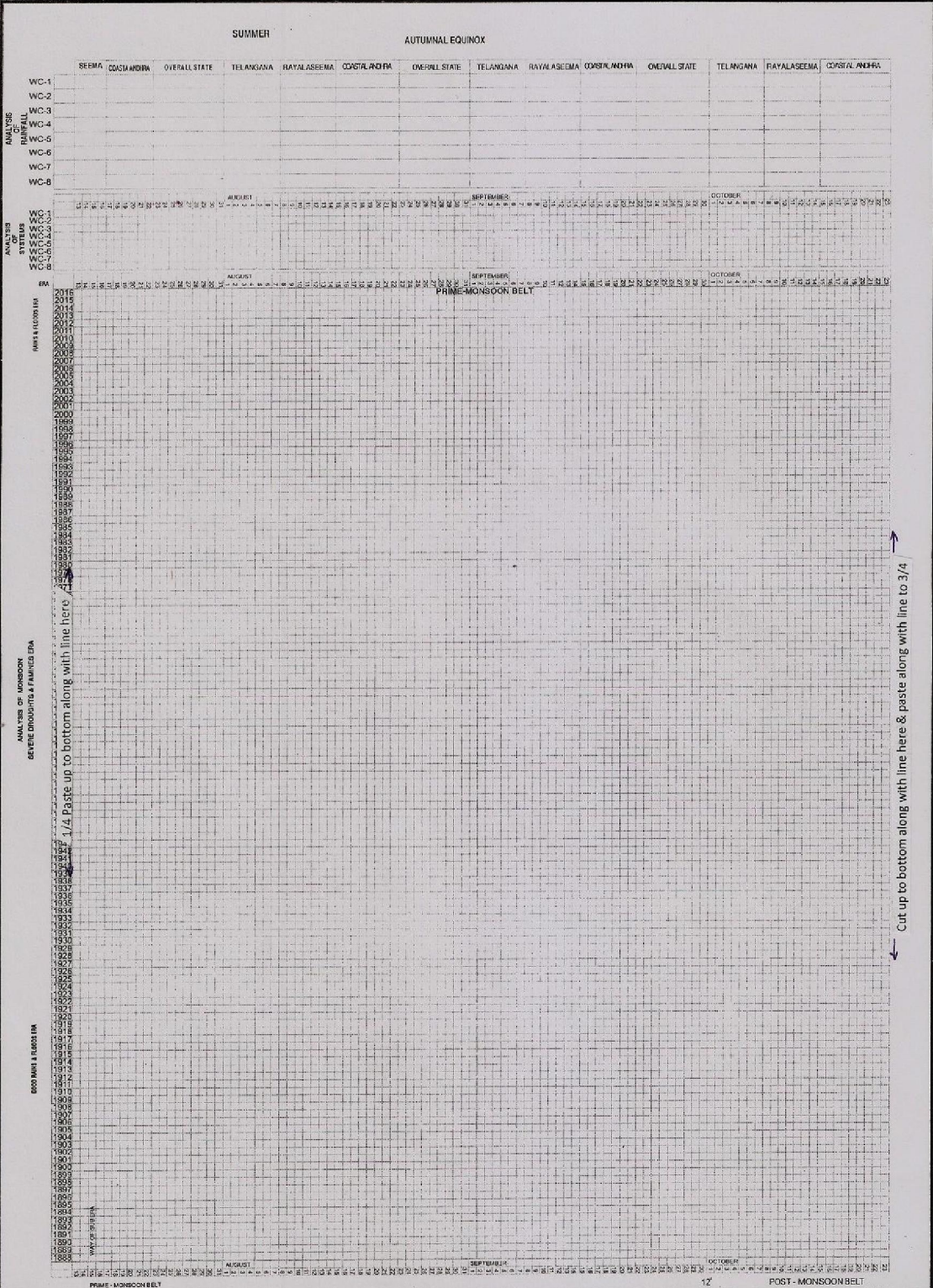
# INDIAN WEATHER

-74-

with 0.5 cm  
Weather Data: Departmental Data

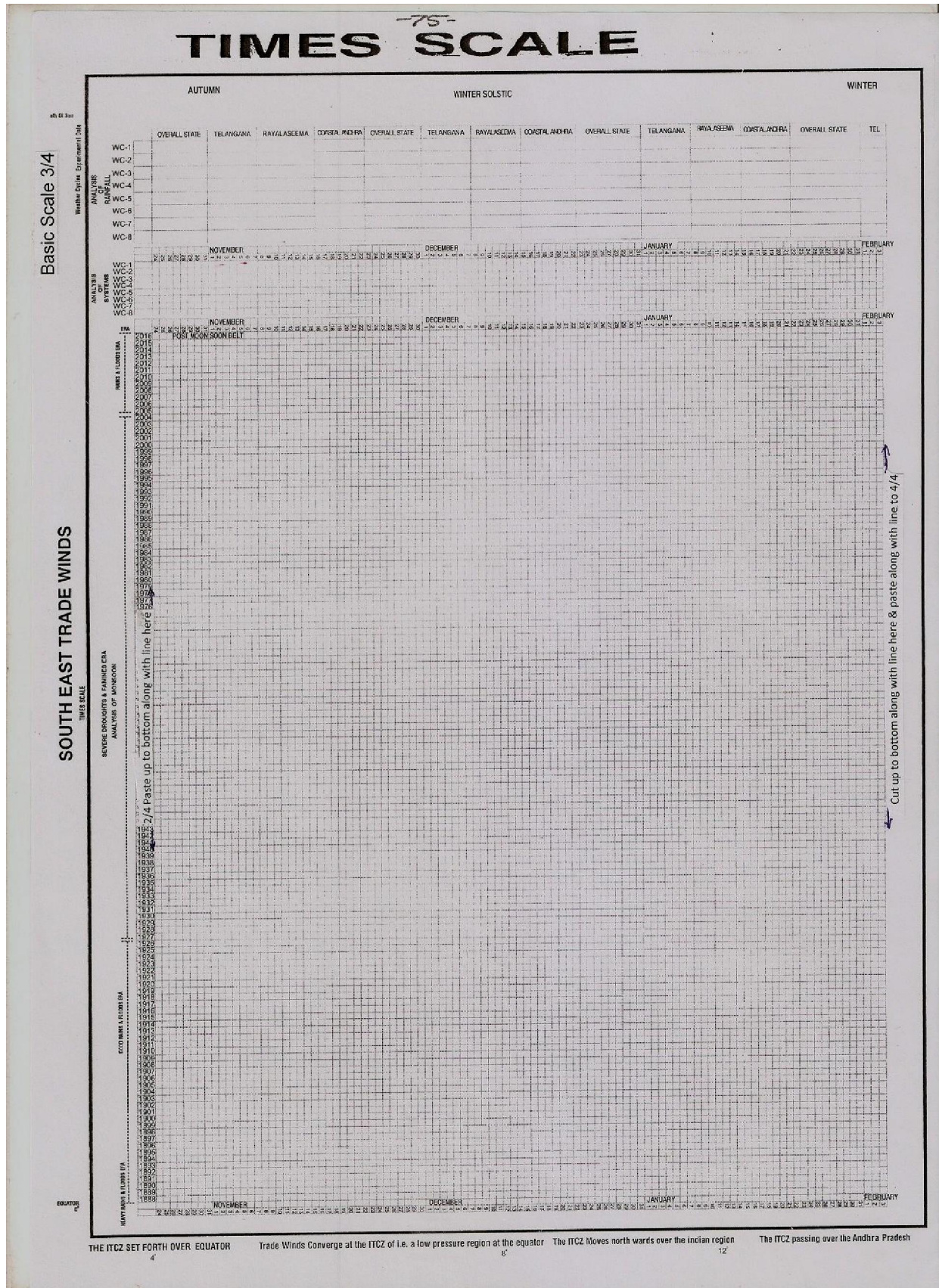
Basic Scale 2/4

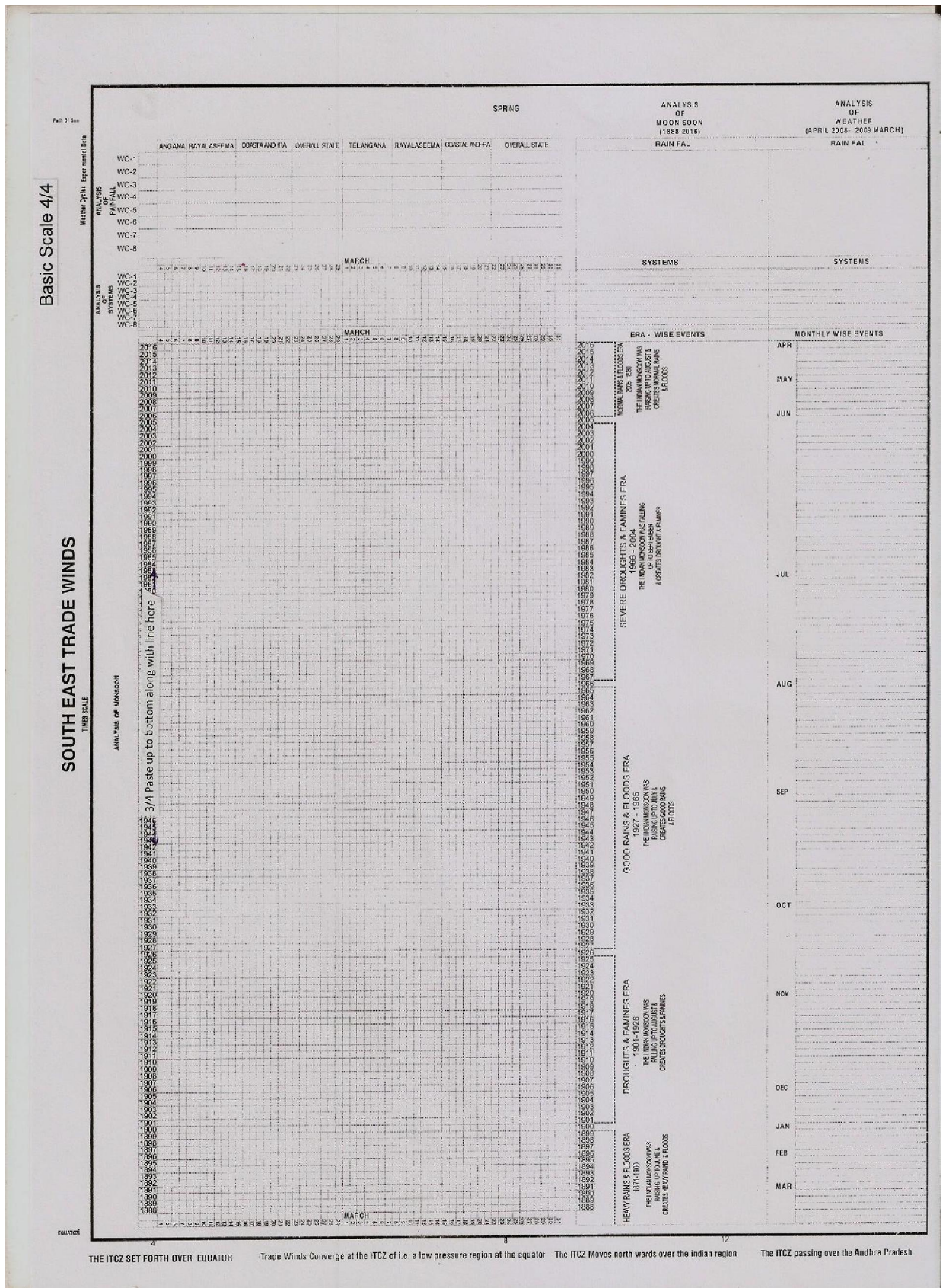
SOUTH EAST TRADE WINDS  
THIS SCALE



THE ITCZ SET FORTH OVER EQUATOR      Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator      The ITCZ Moves north wards over the Indian region      The ITCZ passing over the Andhra Pradesh

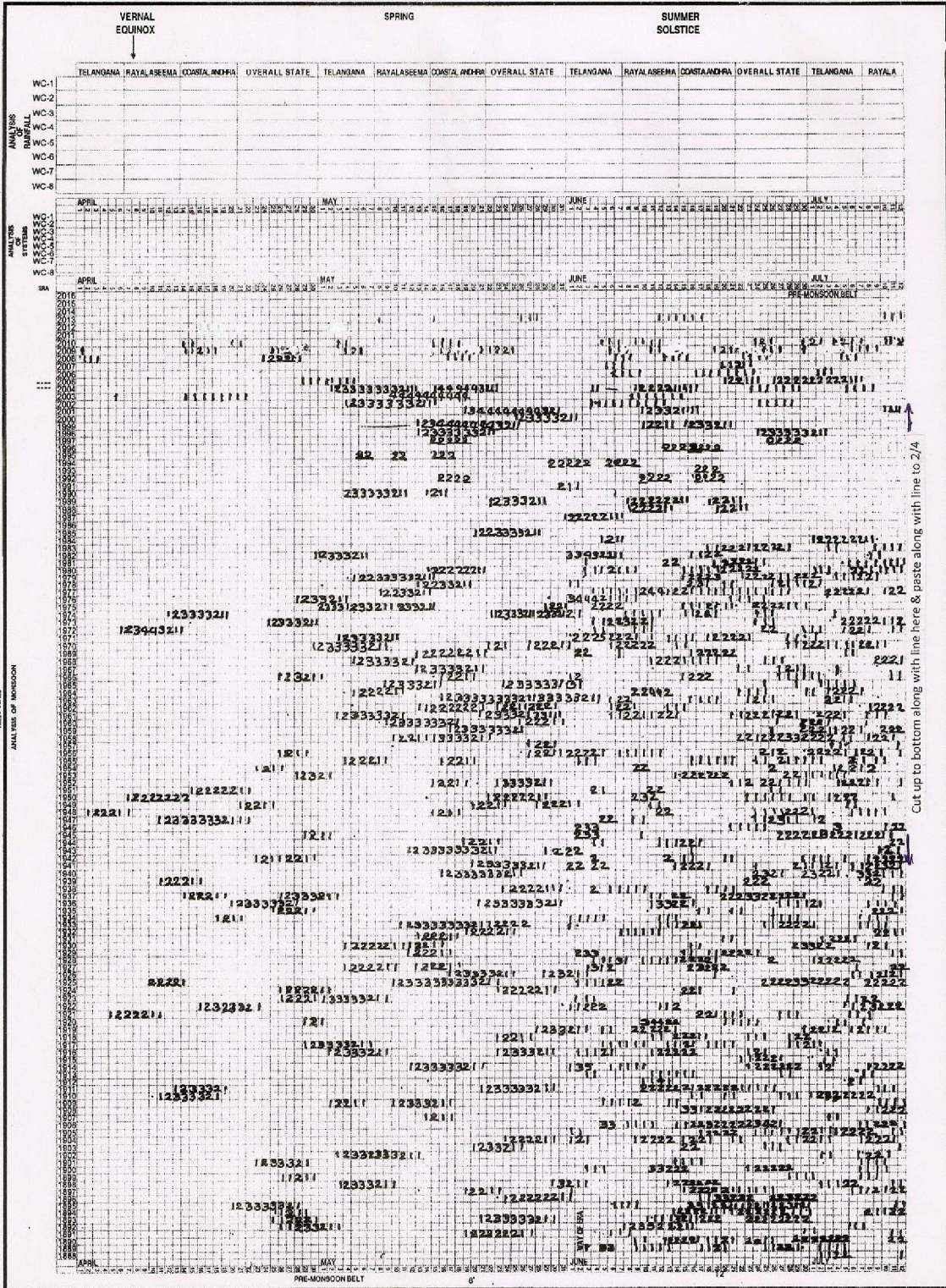






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SOUTH EAST TRADE WINDS  
THREE SCALE  
ANALYSIS OF MONSOON

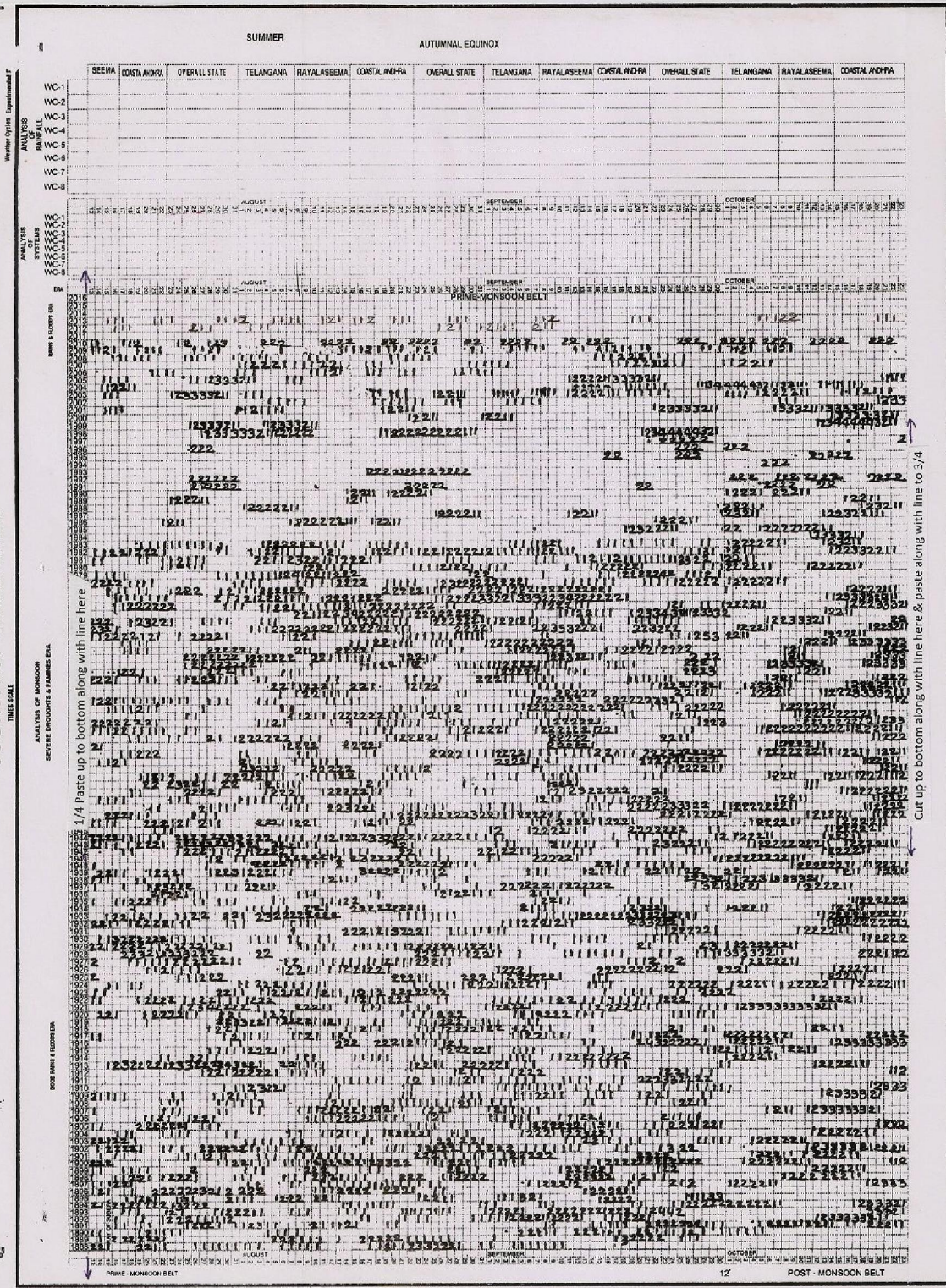


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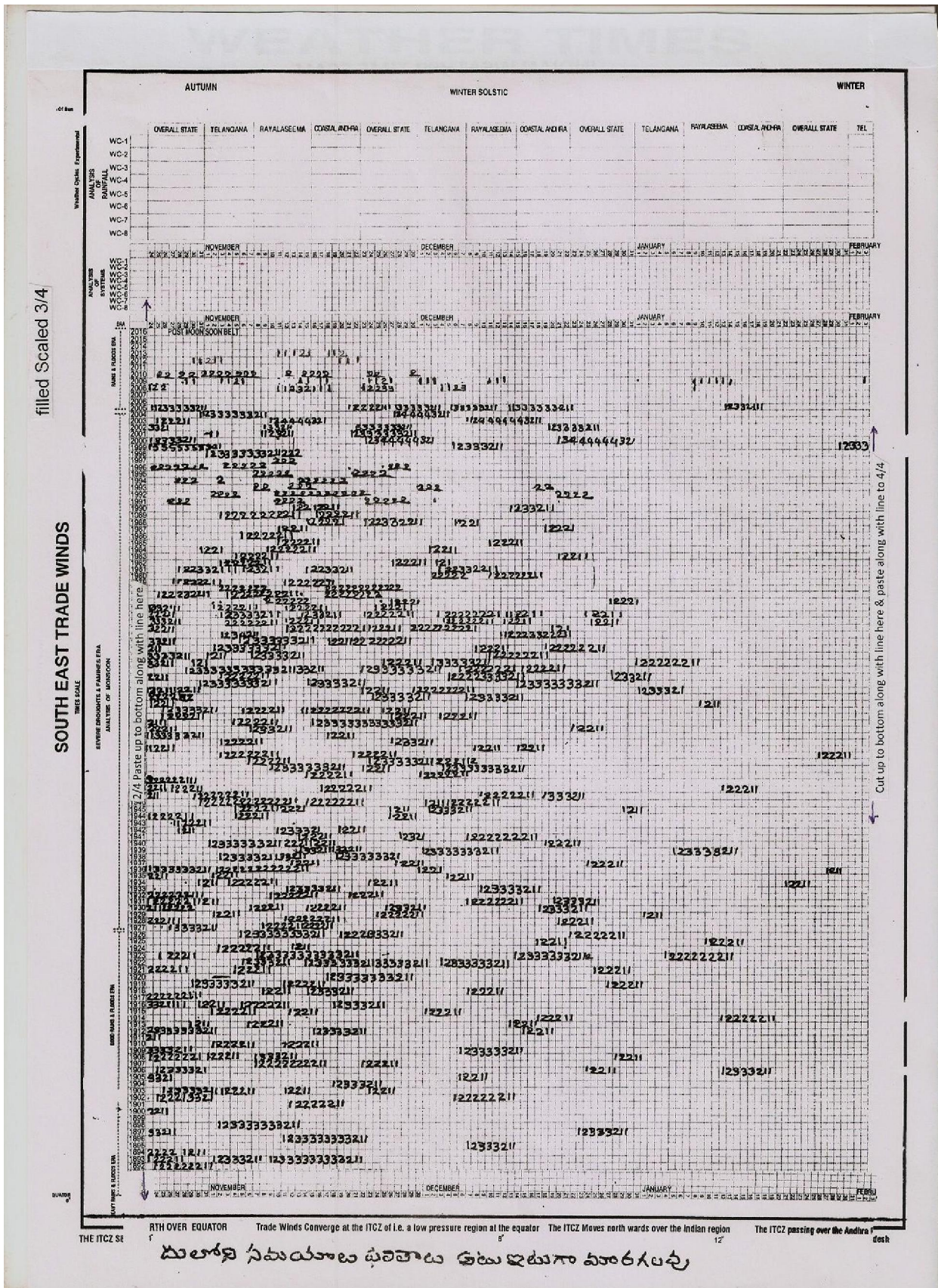
THE ITCZ SET FORTH OVER EQUATOR Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator The ITCZ Moves north wards over the Indian region The ITCZ passing over the Andhra Pradesh

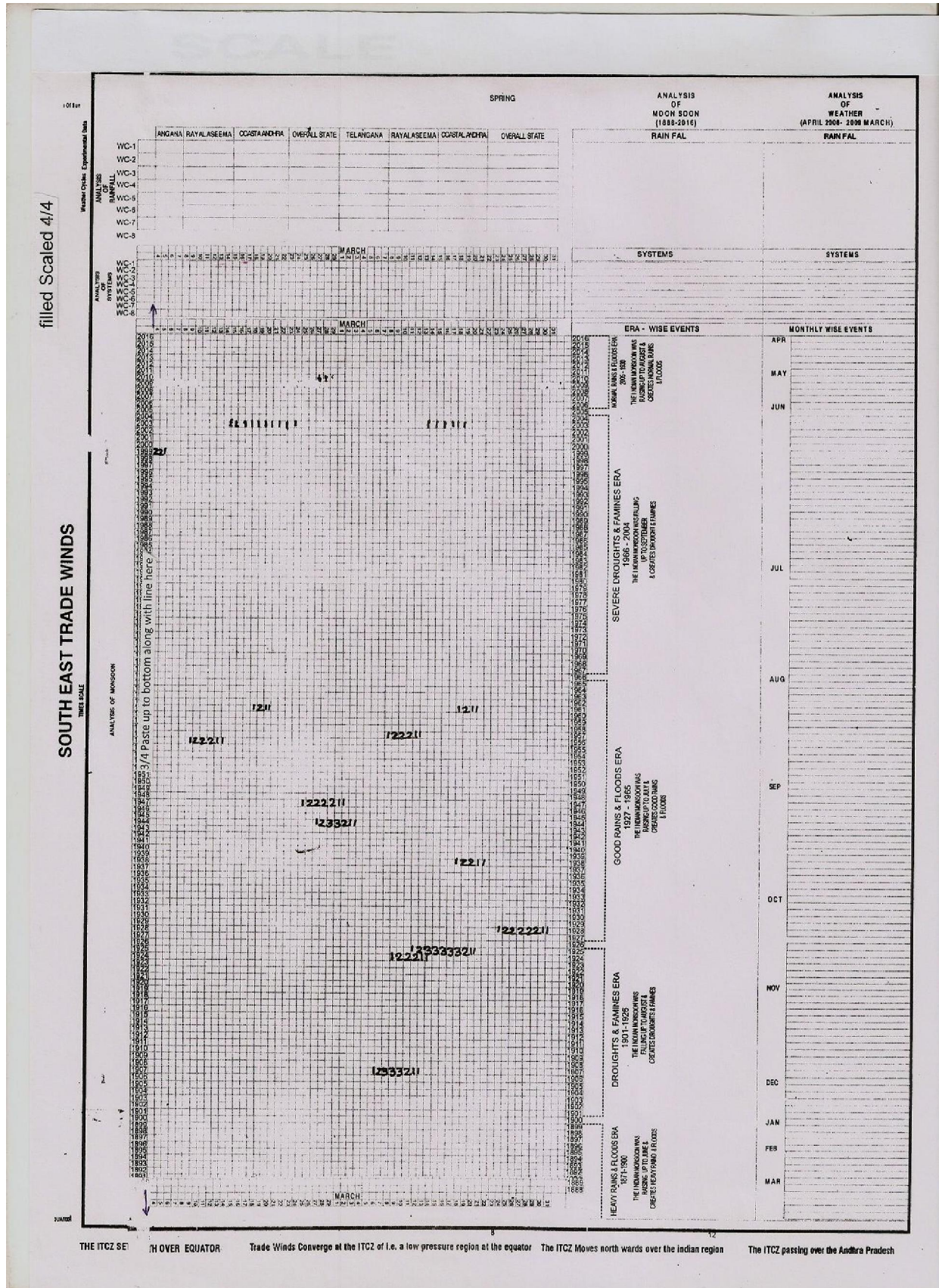
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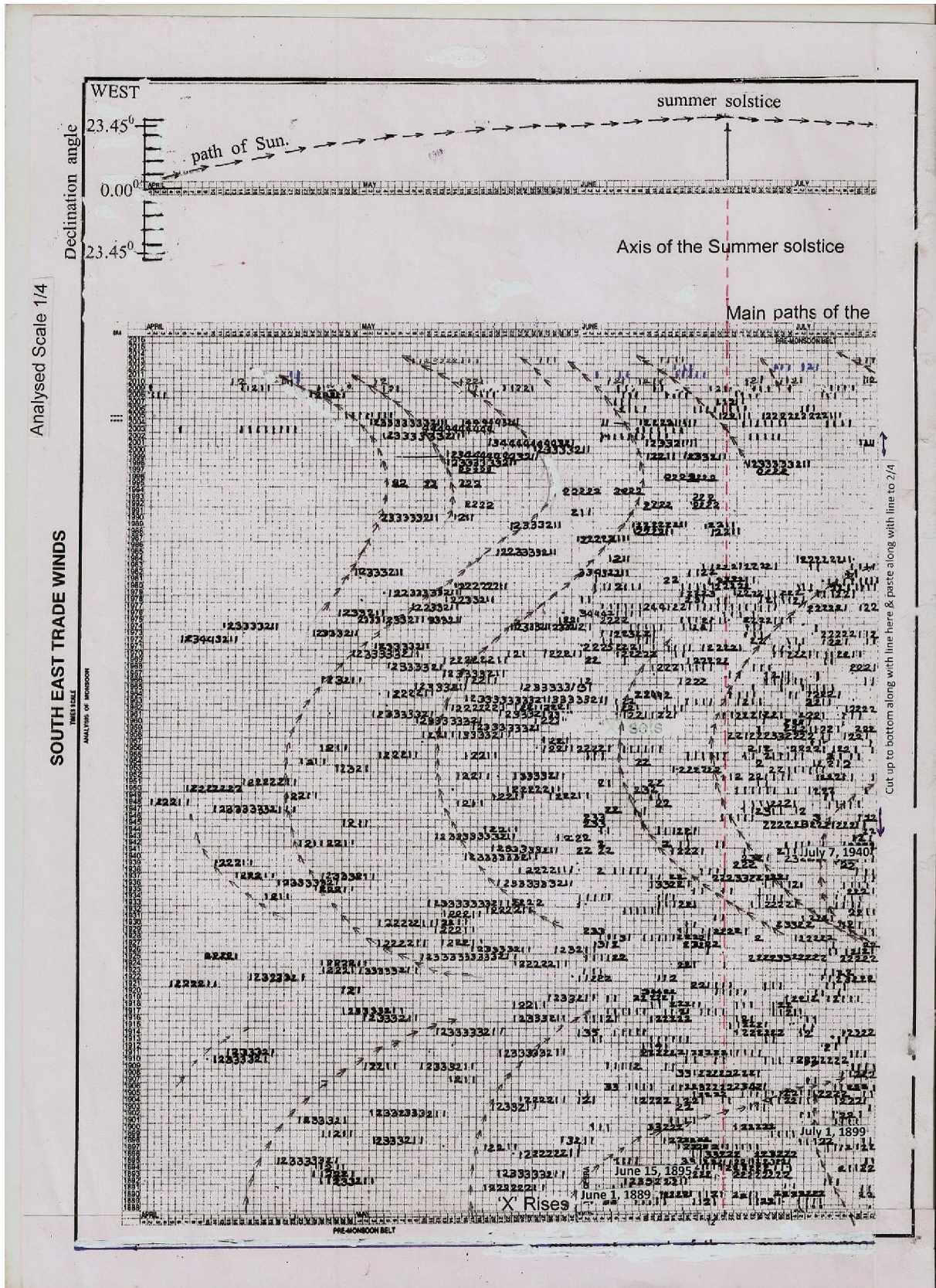
SOUTH EAST TRADE WINDS

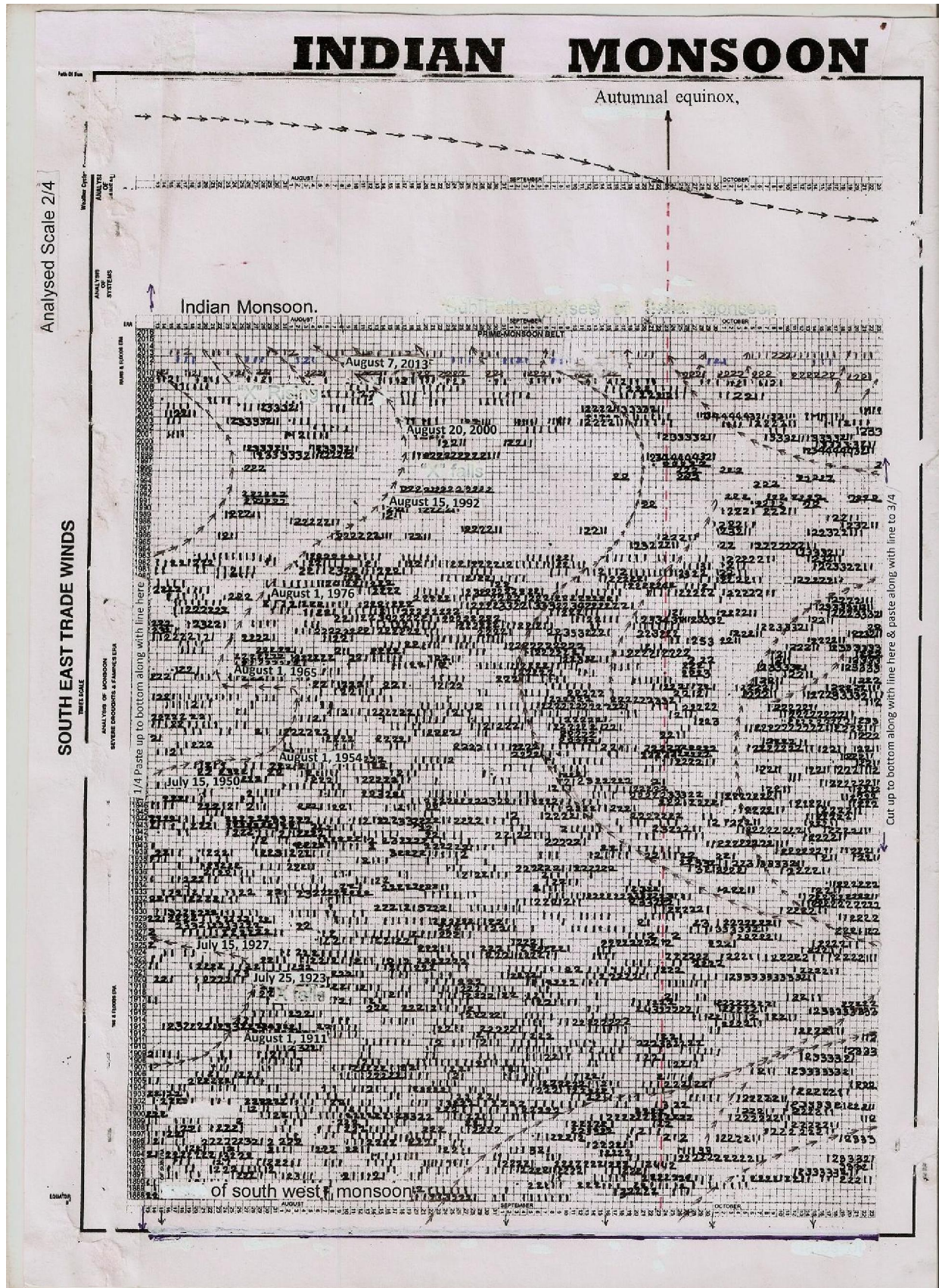


1702 SET FORTH OVER EQUATOR Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator The ITCZ Moves north wards over the Indian region The ITCZ passing over the Andhra Pradesh

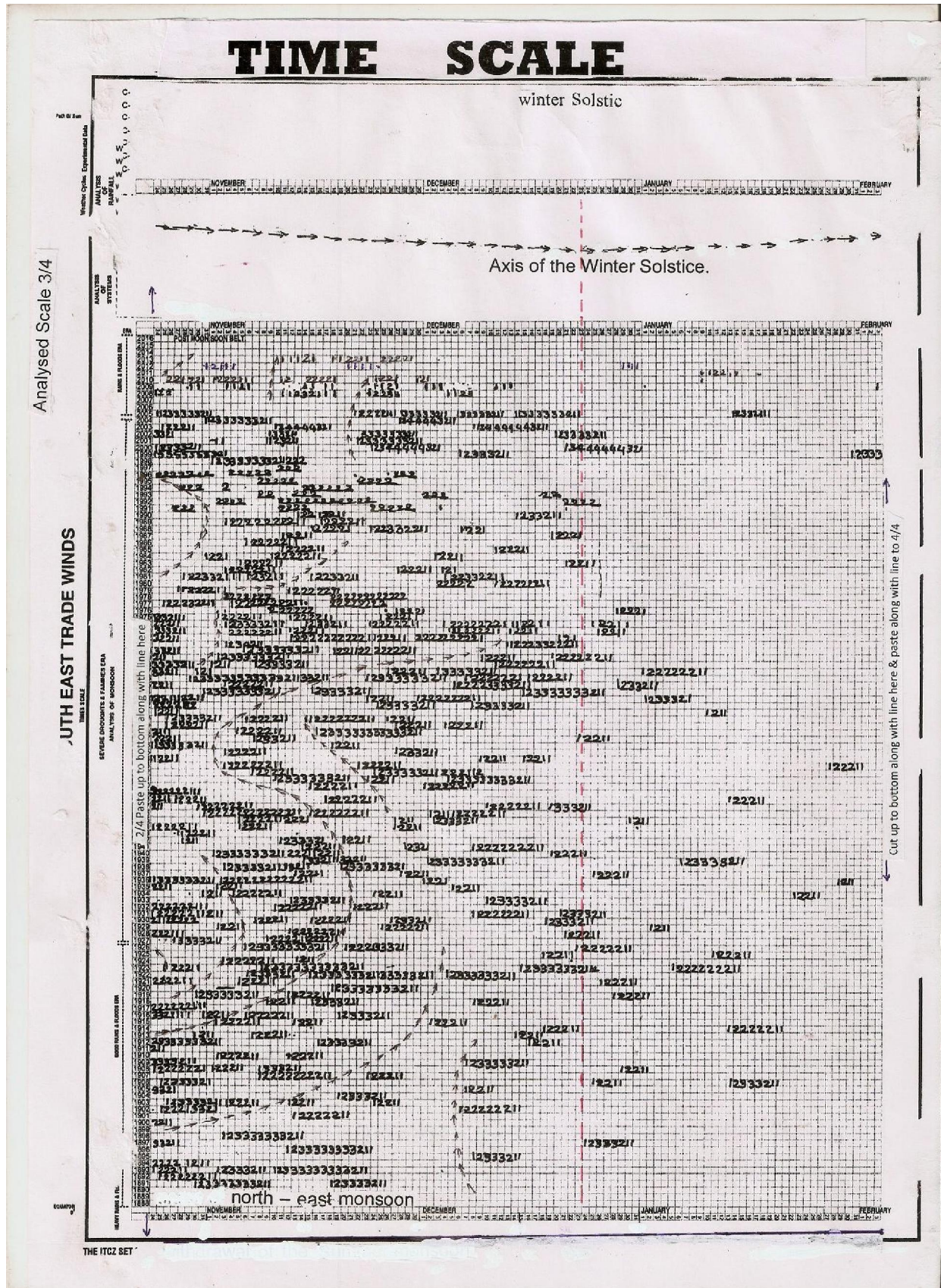






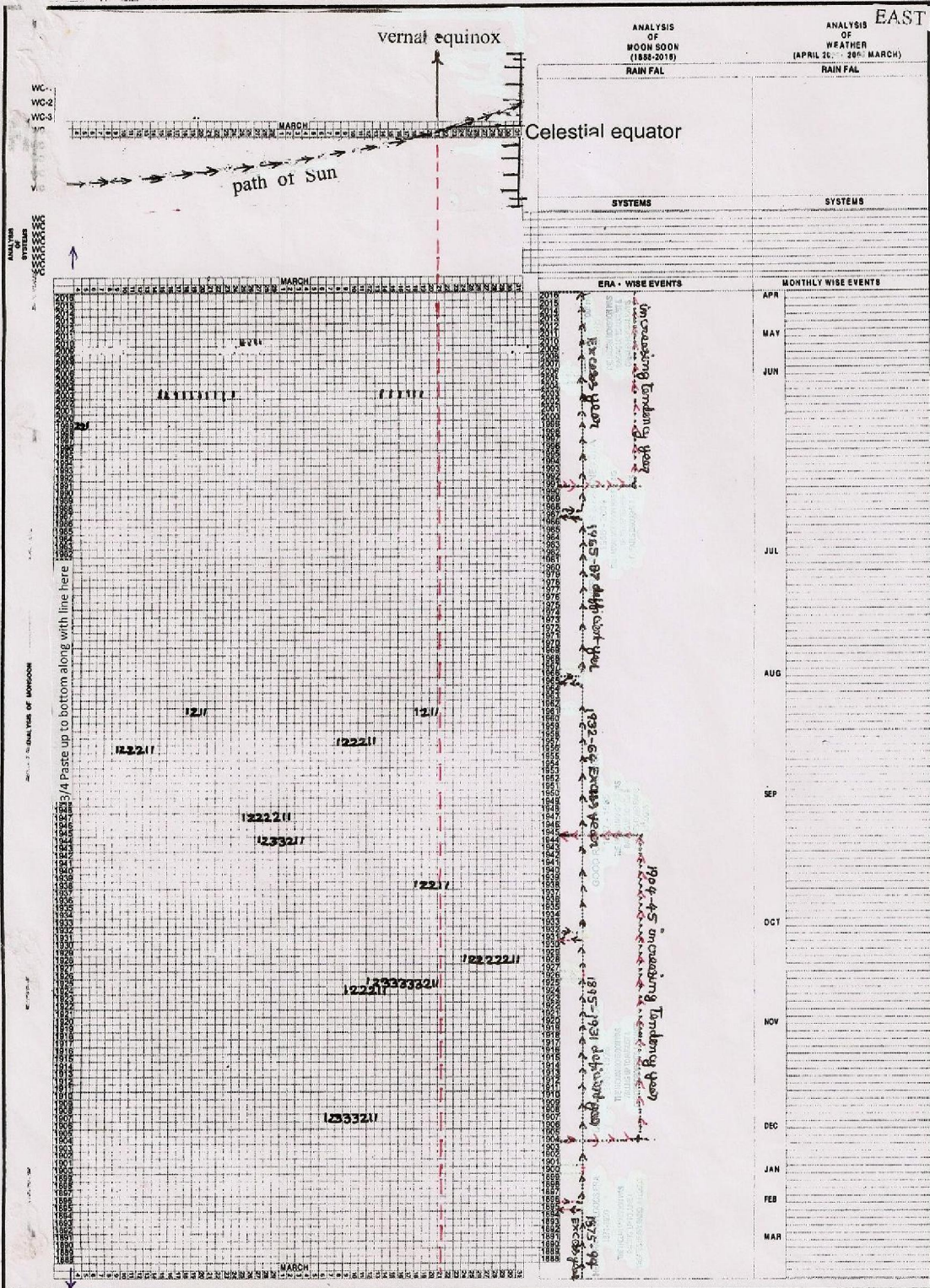


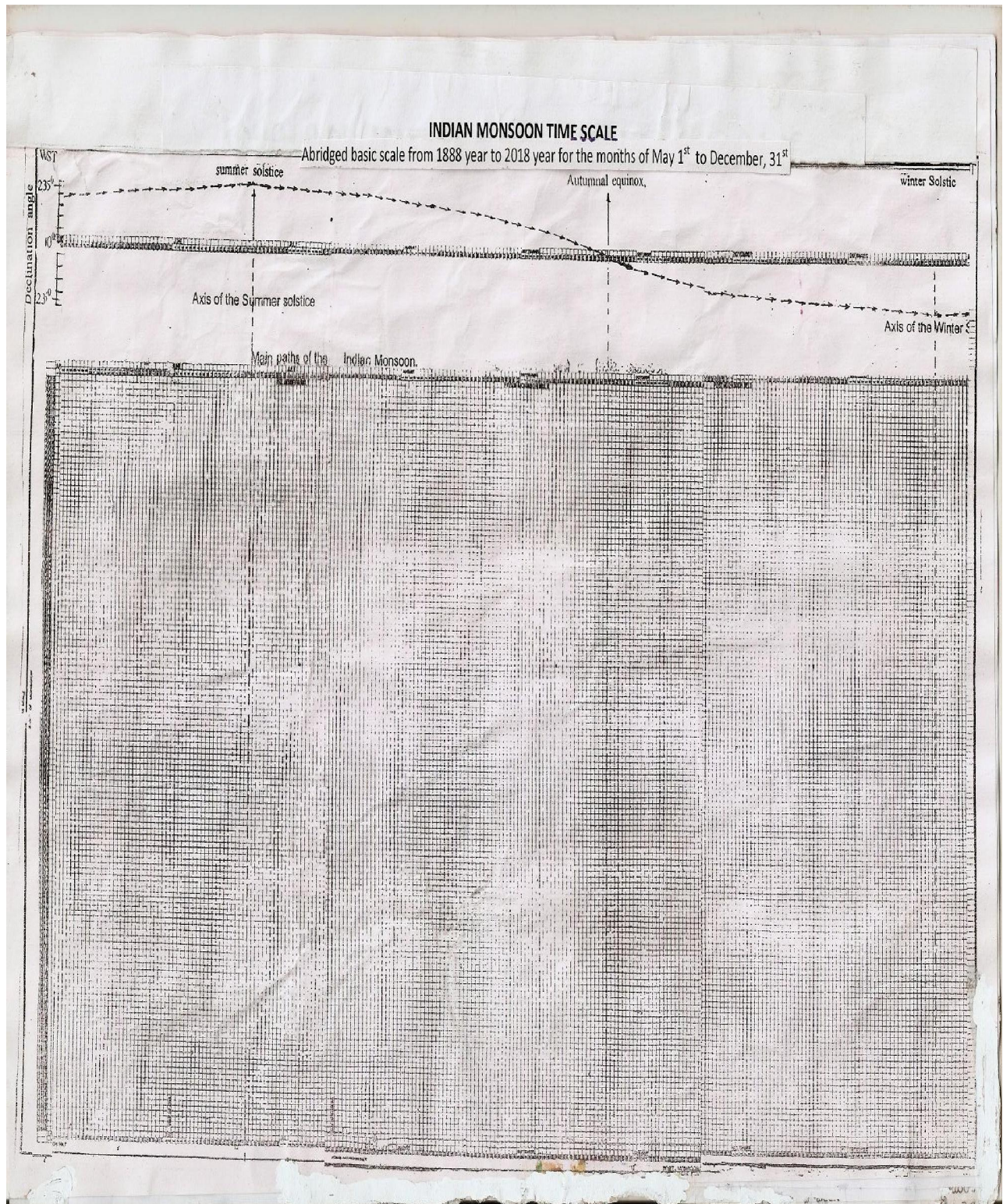


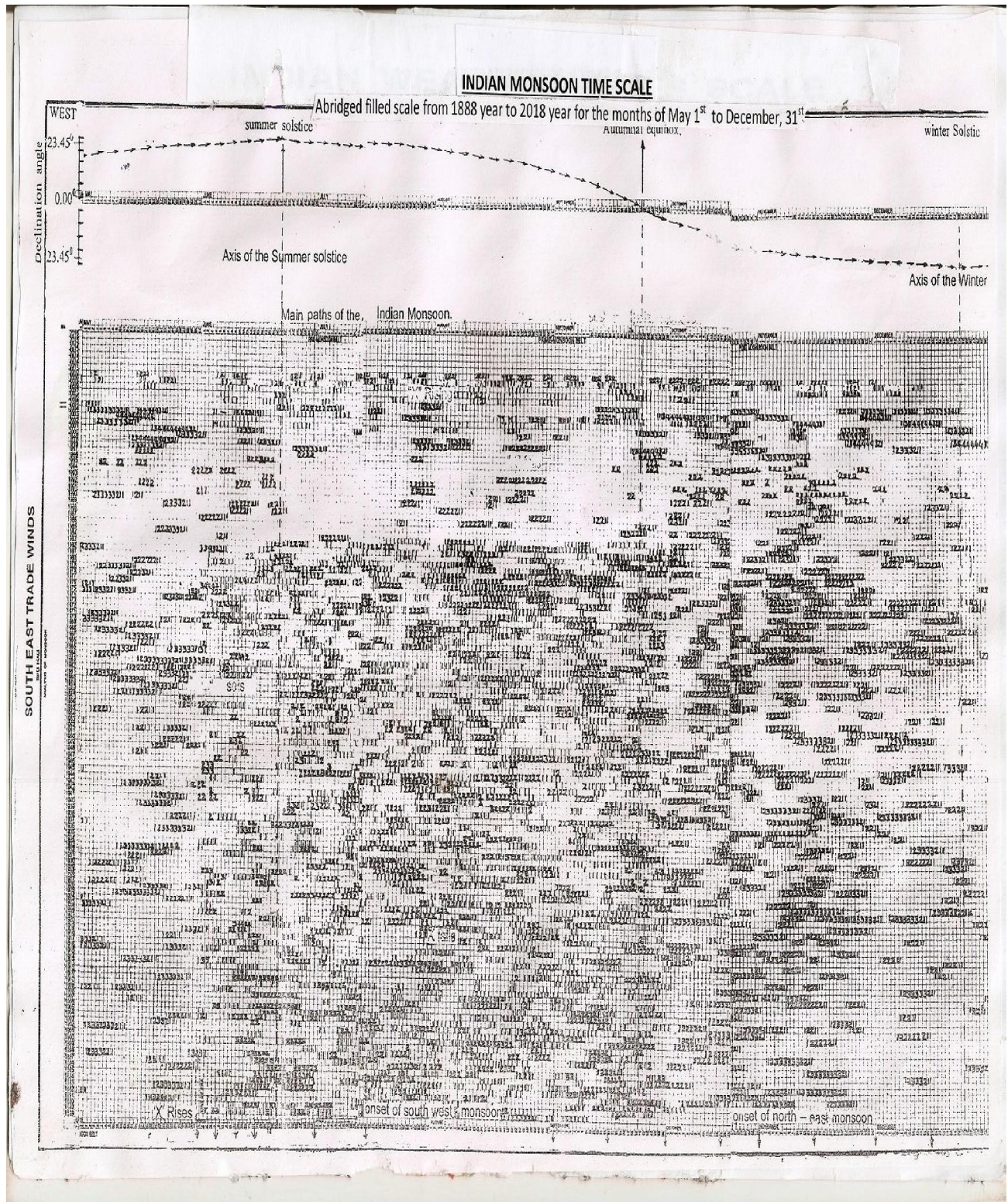


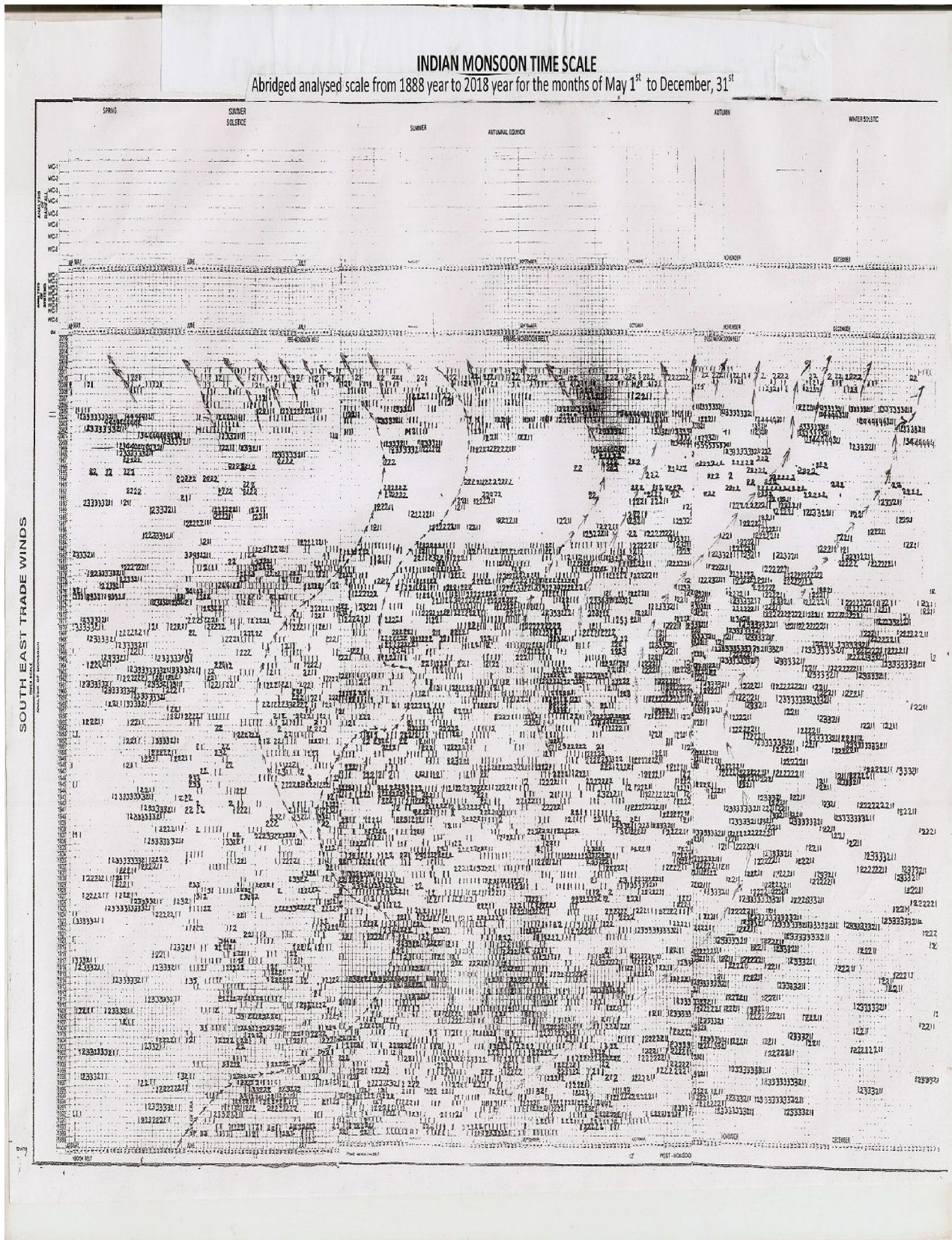
Analysed Scale 4/4

**SOUTH EAST TRADE WINDS**  
THREE SCALE

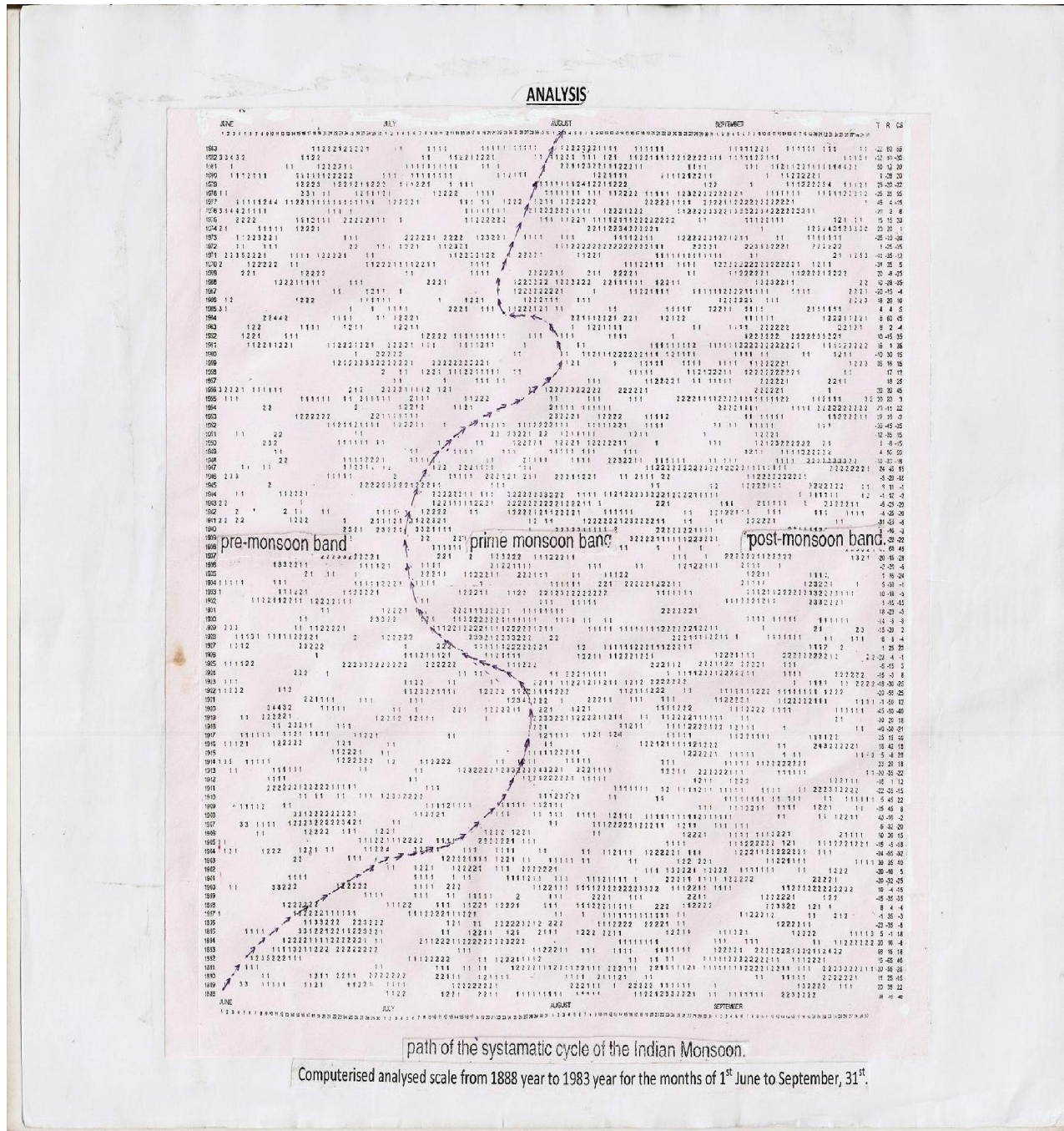












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