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ISWS-75-CIR123 *Circular 123* STATE OF ILLINOIS DEPARTMENT OF REGISTRATION AND EDUCATION



# Illinois Weather and Climate Information --Where to Find It

by STANLEY A. CHANGNON, JR.

ILLINOIS STATE WATER SURVEY URBANA 1975

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# **ABBREVIATIONS**

The following abbreviations are used frequently in this text to save space and to allow quick identification of organizations and titles.

CD	Climatological Data
EDS	Environmental Data Service
ESSA	Environmental Science Services Admini- stration
FAA	Federal Aviation Agency
FOS	First-Order Station
ISWS	Illinois State Water Survey
LCD	Local Climatological Data
NOAA	National Oceanographic and Atmospheric
	Administration
NWRC	National Weather Records Center
NWS	National Weather Service
USWB	United States Weather Bureau

# by Stanley A. Changnon, Jr.

### INTRODUCTION

The purposes of this report are 1) to review the types and formats of climatic data for Illinois that exist in either published or unpublished form, and 2) to list where these data can be found. It is intended to inform both scientists and the interested public of the variety of data available and how to locate desired data easily.

The climatic data are classified according to the sources from which they can be obtained: the National Weather Service (previously the U. S. Weather Bureau), the Illinois State Water Survey, and other sources such as the Federal Aviation Agency and the U. S. Air Force. The first part of this report deals with the National Weather Service data, including that of its predecessors — the Weather Bureau and the Environmental Science Services Administration. The second section deals with weather data and climatic information compiled by the Illinois State Water Survey. The third section concerns information from other organizations. The list of references at the end of the text provides titles of many publications concerning Illinois weather and climate, with special notes indicating the types of information they contain. These references are identified in the text discussions by the author and year shown in italics. An appendix lists addresses and telephone numbers where additional weather data may be obtained.

# NATIONAL WEATHER SERVICE DATA

The National Weather Service (NWS) data sources are grouped into five classes. These include data from 1) individual weather station publications, 2) state publications, 3) national publications, 4) general climatic publications, and 5) original data forms. All past publications from 1901 through 1965 are listed under the name U. S. Weather Bureau (USWB). All publications since 1966 are listed under the Environmental Data Service (EDS), a branch of the NWS. Both EDS and NWS are part of the National Oceanographic and Atmospheric Administration (NOAA).

One key to understanding the publication situation of NWS and EDS is that the USWB went from hand processing of data to punchcard entries of all data in 1949. As soon as they were able to process all weather data in digital form, they could mass-produce many kinds of publications unmanageable prior to that time. Although almost all NWS weather data since 1949 are now on punch cards or magnetic tapes, very few of the pre-1949 data have been put in card or tape form unless they were used for special studies.

# **Station Publications**

The first source of data discussed is that from the individual weather stations. There are four basic classes of National Weather Service stations. These classes were developed to meet certain requirements for weather data (aviation, hydrology, climatology). These needs are reflected in the amount and type of instrumentation and the manner of station operation, whether operated full time or part time and by professional or volunteer personnel. Over the years,

# U. S. DEPARTMENT OF COMMERCE WEATHER BUREAU

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b. Monthly summary includes 3-hourly observations.

c. Annual summary to be issued.

however, each class of station has had a great variety of equipment.

The first class includes the *first-order stations* which are usually operated 24 hours a day by professional NWS personnel. First-order stations are most often located in major cities in each state, and have a wide variety of instruments.

The *cooperative substations* form the second class. All substations have a nonrecording raingage and about 40 percent of them have maximum and minimum thermometers. Sometimes such a station has additional equipment, but the nonrecording stick raingage is its basic instrument. A volunteer observer makes once-aday measurements, and reports the daily rain, snow, and temperature values on a monthly form.

The third station type is classified as *other* and includes several versions of the cooperative station. This type includes the river reporting station where an observer keeps daily rain records (usually with a nonrecording gage like those used at cooperative substations), and he telephones a river district office anytime he has  $\geq 0.5$  inch of rain. Other forms of the cooperative observer station include those that have an evaporation pan and wind equipment, and those that measure soil temperatures. The only Illinois station currently incorporating all these instruments and activities is the Morrow Plots Station in Urbana.

Another version of the cooperative station is that with a recording raingage. It usually does not have a stick gage. It is operated by volunteers who generally change recording charts after each rain (or weekly) and mail them to the National Weather Records Center (NWRC) for machine analysis and digitization. Since 1950, Illinois has had about 60 of these stations widely separated throughout the state plus 12 in Chicago to give a high density of gages there.

The fourth class of station is the *special* type operated by NWS personnel. This type includes radiosonde stations and pollution monitoring stations (EMSU, Environmental Monitoring Service Unit). Some special stations co-exist with a first-order station, but others do not. Salem, Illinois, is a radiosonde station and an EMSU, but it is not a first-order station. Peoria is a radiosonde and a first-order station.

**First-Order Stations.** All the first-order stations (FOS) are listed by states in figure 1. There are monthly *Local Climatological Data* (LCD) publications for each of these stations. On figure 1, the letters (a, b, c) beside each station identify the type of data being published for the FOS.

Since 1964 the monthly LCD issues at most FOS are single sheets listing on one side:

- 1) the daily values of everything measured,
- 2) the hourly rainfall values, and

3) the monthly totals and averages (figure 2). On the back side of this monthly LCD sheet there are 3-hourly values (measurements taken once every 3 hours) of the relative humidity, wet and dry bulb temperatures, cloud cover, ceiling, etc. There is much useful information on the LCD.

From about 1950 (when most Illinois FOS began to have LCD publications prepared) through 1964, the USWB had a different month-ly format. During these years, they published two monthly issues:

- the LCD with a blank back page (this was comparable to the daily form sheet used since 1965)
- 2) an LCD supplement (figure 3) which showed the hourly (not 3-hourly) values of all weather conditions

As part of the LCD supplement, the USWB also published one page of summary values, such as the average humidity for each hour during the month. However, at the end of 1964 when the LCD supplement stopped, the hourly data were replaced by the 3-hourly values. These published data give the characteristics of thunderstorms, hail, precipitation, cloud cover, or visibility.

LCDs have been published (for varying periods of time) for the following Illinois FOS: Cairo, Chicago, Moline, Peoria, Rockford, and Springfield. If these are not available in a library, they can be purchased from the U. S. Government, Superintendent of Documents (see appendix). Most cost only 10 to 15 cents



# LOCAL CLIMATOLOGICAL DATA U.S. DEPARTMENT OF COMMERCE MAURICE H. STANS, SECURICITY NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

PEORIA, ILLÍND**is** Greater peoria airport Septenber 1970

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ENVIRONMENTAL DATA SERVICE

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Subscription Price: Local Climatological Data 31.00 per verz incloding annual Summary. (publiched Single copy: 10 certs for mothly Summary orders should be made payable and cemiliances and copy produces anould be sent to the Superintendent of Documents. U. S. Government Printing Office Washington. D. C. 20402. I certify fast this is an official publication of the National Occanic and Armospheric Administration, and is compiled from records on lits at the National Climate Center, Asheville, North Caroling 2990.

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Director, National Climatic Center

USCOMM --- NOAA --- ASHEVILLE

SUMMARY BY HOURS

SUMMARY BY HOURS A V P. R A G F.S. A V P. R A G F.S. A V P. R A G F.S. A

Resultant wind Speed (mp.b.)

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# HOURLY OBSERVATIONS:

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per monthly issue. An amazing amount of weather data is summarized and published from the first-order stations.

Operations at individual first-order stations in Illinois have always differed considerably, and this is reflected in their LCD publications. A great amount of information is published for stations at Springfield and Chicago, but for Cairo, where operations have dwindled in recent years, many weather conditions are no longer measured. For example, Cairo publications have rain and temperature data but lack cloud, wind, and visibility values. FOS operations at many smaller cities were restricted during the last 20 years because of budget limitations, and hourly or 3-hourly observations were eliminated during certain periods of each day (usually at night).

Some LCDs contain unusual data. For example, the daily rainfall values for the dense recording and stick raingage network in Chicago are published in each of their monthly LCD issues.

Monthly LCDs issued during periods when two stations were operated in one city bear special attention. At St. Louis during the 1950-1958 period, one station was operated at Lambert Airport and another in the central city area (identified as City Office). The USWB published LCD issues for both stations. At some large cities where the USWB ran two first-order stations simultaneously, the data for both were published in the same issue. In other instances, data for only one of the two stations were published. The published records for double stations have been valuable in recent comparative studies of urban and rural climates *(Changnon, 1970c)*.

The annual version, *Local Climatological Data, Annual Summary with Comparative Data,* is another interesting FOS publication. Annual issues became available at various times for the individual FOS, generally in the 1949-1952 period. This annual summary contains:

- 1) a short narrative description of the climate of the station and its area
- 2) the monthly means and annual totals for various weather conditions in the past year

- 3) a table called "Normals, Means and Extremes" based on past data
- 4) tables showing past monthly values of temperature, precipitation, and degree days

At the head of the data columns for normals and means, the periods of record used to determine the values are given. The record period should be noted because it can vary dramatically with time. For instance, in 1954 the precipitation normals for St. Louis were based on 118 years of past record, whereas more recently the St. Louis normals have been based on the last 30 years. Such changes in base periods can produce dramatic changes in normals and hence in monthly departures from normal.

On the back of the annual LCD is a rather complete listing of the various sites of the station through the years and the locations of the instruments installed. Ironically, though the first-order stations have the most extensive data available for North America, much of their data is unusable for studies of long-term historical climatic trends because of location changes. Almost every FOS in the country has been moved significant distances and/or has had sizeable shifts in the heights or placement of its instruments. For example, the Chicago FOS was in the downtown business area from 1900-1925, was moved to the University of Chicago from 1926-1944, and then went to Midway Airport from 1945 to the present. A second Chicago area FOS is now located at O'Hare Airport.

The Summary of Hourly Observations is a publication based on data from some of the FOS. These summaries have been published for 5- or 10-year base periods (1951-1955, 1956-1960, and 1951-1960), and they present, by month and year, the hourly frequencies of wind speed, temperature, humidity, and precipitation by class intervals, plus various combinations of these data. An example of the data available is shown in figure 4. Issues available for the FOS in and near Illinois include those for Chicago (O'Hare and Midway), Moline, and Springfield in Illinois; St. Louis, Missouri; Des Moines, Iowa; Madison, Wisconsin; and Evansville and Indianapolis, Indiana. MOLINE, ILLINOIS Quad City AP

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#### TEMPERATURE AND WIND SPEED-RELATIVE HUMIDITY OCCURRENCES: A

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# PERCENTAGE FREQUENCIES OF SKY COVER, WIND, AND RELATIVE HUMIDITY: E

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23 J	36	7	57	15	48	33	- 5		2	32	24	25	117
AVG	35	8	56	9	96	40	5	1	12	32	21	19	14

Another publication available for a few FOS is the *Climatic Guide*. This was published for the Chicago area in 1962, and is the only *Guide* available in the Midwest. It contains an extremely large amount of summarized information for Chicago FOS, and some data for nearby substations.

**Cooperative Substations.** These stations are basically once-daily temperature (maximum and minimum) and rainfall measuring stations, although as noted earlier only 40 percent of them record temperature data. Users of their data, at least for certain analyses, should be aware that the once-daily time of measurement can occur anytime in the day, but is usually in the morning or afternoon. This becomes a problem if one tries to determine daily rainfall totals for a discrete date or storm period. However, the times of observation for each station are published in the monthly state publications.

Some LCDs for substations have been produced in various states, generally by interested state institutions. The Water Survey has produced and published substation LCDs for 16 cooperative substations scattered throughout Illinois. A problem is that such LCDs are not always 'current' because they are not updated and re-issued often. These state-sponsored LCDs are not easily found in libraries, but some may be found by writing the National Weather Records Center (NWRC) in Asheville, North Carolina.

### **State Publications**

There are four classes of state-oriented NWS publications. These include the *Climatological Data* (CD) state series, the *Hourly Precipitation* publication, the *Weekly Weather and Crop Bulletin*, and various climatic summaries published for each state. Some problems and limitations need attention before these publications are discussed.

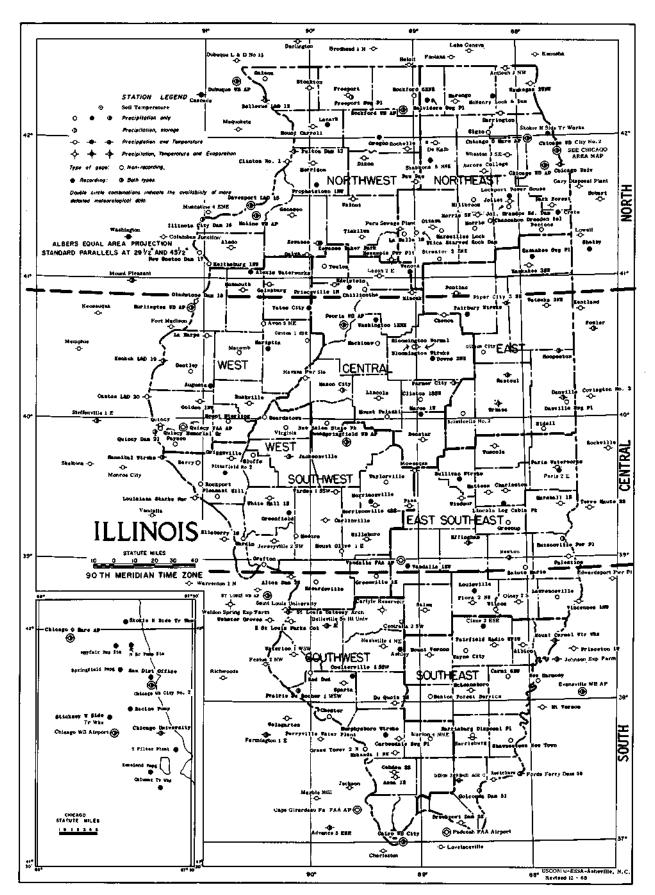
**Problems and Limitations.** First, much of the data in the state-oriented publications of the Weather Bureau (now EDS) is assembled and summarized by the regions of the state. For instance, in Illinois from 1900 through 1956

the state was divided into 3 regions — north, central, and south (figure 5). In all of the state publications for this 57-year period the stations in the northern third, for example, were listed together along with regional means of temperature, rainfall, etc. In 1957 the USWB changed the regions in all states and used crop-reporting districts as divisions with most states having 7, 8, or 9 districts. Since then the listing of the stations with their data summarization has been by crop-reporting districts. These districts vary in size, and were partially chosen according to combinations of different kinds of cropping practices and weather. There are 9 districts in Illinois, as shown in figure 5. In general, the districts chosen for Illinois were not realistic climatic divisions. As one example, there is no climatic reason that the southern end of Illinois should be divided into a southwest and a southeast portion. Furthermore, the crop-reporting districts in Illinois are not comparable in size to those in many other states, and such differences result in mean values that are not truly comparable.

The second problem common to all of the state publications and one to be particularly aware of is the 'normals.' Normals vary and can be misleading because they have been computed on base periods of varying length. From 1920 until 1952 the USWB used a base period of 1900-1944 (or portions thereof) for calculating substation normals. The USWB developed normals for short-term operations of new stations, even if they were for only 5 or 10 years. These were calculated from a comparison of the short-term substation's data with that of other nearby stations that had longer records in the 1900-1944 period. Importantly, every station had a monthly normal for rainfall and temperature (if measured).

In 1952 the USWB issued a new state publication that contained a different set of monthly normals, based on data from the 1931-1952 period. These normals were used in some climatic studies because they covered a more current data period than the old normals (*Changnon, 1968b*).

The USWB revised their publications and their normals again in 1956. They changed to a nor-



mal based on the 1931-1955 period, and these normals appeared in their state publications issued during 1956-1960. Then in 1961 the USWB issued new normals based on the 1931-1960 period. Because studies had shown that the best estimate of the 'normal condition' for any year was that based on the past 30 years of record, the USWB planned to update their normals once every 5 years. Thus, there would be a 1931-1960 normal that would be in use through 1965, and then a 1936-1965 normal, etc. However, the state publications for the EDS in 1974 are still based on the normals of the 1931-1960 period. Illinois normals for 1941-1970 would show sizeable shifts in the rainfall values since they would not contain the low values of the droughts of the 1930s. One must be aware of these 'shifting normals' when using state annual publications that span several years.

Climatic normals are sometimes chosen especially for a specific study. For example, most of the Water Survey studies in climatology have been oriented toward sampling extreme values, and hence the normals have been calculated from the longest period of available record. Thus, many Water Survey publications have used 50- or 60-year normals (Changnon, 1959; Changnon, 1969a; Huff and Changnon, 1959; Huff and Changnon, 1963).

**Climatological Data Publications.** The most commonly used state publication is the *Climatological Data-State* (name) which is issued for all states on a monthly and annual basis. Publication began in 1906, but was discontinued in one period from July 1909 through December 1913; monthly data for these 4½ years appeared in the *Monthly Weather Review*.

The state *Climatological Data* (CD) publications largely consist of the data reported from cooperative substations. A monthly issue contains, for selected substations and FOS:

- 1) the monthly average maximum and minimum temperatures
- 2) the monthly total precipitation values
- 3) the departures from the normals in use
- 4) other data such as the number of days of rain for different daily intensity classes

For all state substations with raingages (other than those with recording raingages) the CD

contains the daily and monthly precipitation values, as well as the daily snowfall and snow depth values for most stations. The daily maximum and minimum temperature values (where measured) appear along with miscellaneous data including any soil temperature, evaporation, or wind data from sites in operation at the time of the publication. Every issue contains a station index that lists for each cooperative substation the name of the observer, the daily observation time, the latitude and longitude of the station, its elevation, its instruments, and its distance and direction from the nearest post office as a means to locate the site precisely.

The annual issue of the state CD differs slightly from the monthly issue. The annual summary contains the monthly temperature means (and departures), total precipitation (and departures), total snowfall, temperature extremes, dates of fall and spring freezes, evaporation totals, plus maps showing the state's annual precipitation and average temperature. It also includes a list of all the state stations.

The contents of the monthly and annual CD issues have changed greatly with time. Prior to 1949, before the weather data were entered on punched cards (the punch-card era), the CD was the key state Weather Bureau publication. All computations were done manually for every station in each state, by the state offices. For example, the Section Director for Illinois (then located in Springfield) had the responsibility for checking and summarizing all the daily and monthly weather data for Illinois. The Section Director, because of his responsibility for the cooperative substations, usually had a close personal liaison with the volunteer cooperative observers. Thus, they had somebody to answer to. After the punch-card era began in 1949, the observers had less personal contact with USWB supervisory personnel. Consequently, the quality of Illinois substation data in the 1970s is lower than that in, say, 1910, 1925, or 1940.

Illinois had particularly good Section Directors. The efforts of two men, C. J. Root and S. Holcomb, covered a period of more than 40 years, during which they developed and sustained an outstanding group of observers who provided high quality Illinois data. These Directors wrote unusually detailed and informative summaries of the state's weather for the monthly CD. For example, the Illinois CD issues prior to 1949 contain much useful storm data, as seen in the summary for April 1925 in figure 6. Mr. Holcomb also recorded in a table by days of the month, the number of state stations reporting heavy fog, dust, frost, glaze, winds, hail, sleet, and thunderstorms.

Hourly Precipitation Data. This publication is based on rainfall data from the 72 recording raingages in Illinois serviced by cooperative observers. Such publications are issued for each state. The observers generally change the raingage charts once or twice a week, and then mail the chart with the rainfall trace on it (amount vs time) to the NWRC where it is analyzed to derive hourly amounts. The published data often contain mistakes because of the analysts' inability to determine rain time correctly (AM vs PM), and light rains are frequently missed because of overlapping rain traces. Recently, new recording gages which record amounts on paper tape that is less prone to analytical errors are being installed. However, amounts recorded are only to the nearest 0.1 inch, and again many light rains are missed.

Since 1951 there have been annual and monthly issues of the hourly precipitation data. The data for 1940-1947 were published in the Hydrologic Bulletin (by drainage areas), and hourly data for 1948-1951 appeared in the state CD issues. The annual issues contain the daily and monthly totals and a station index, but there are generally many missing data. In the monthly issues the hourly values are shown by date for those stations with rain (figure 7). The recording raingages in Illinois outside of Chicago form a very sparse network (raingages are located 30 to 40 miles apart), and data interpreters cannot estimate missing amounts adequately because they do not have comparable nearby data by which to check reports.

These hourly rainfall data must be used with caution. Comparison of annual values from the recording gages with those from nearby nonrecording gages in Illinois shows that recording gages appear to be 'missing' about 4 to 6 inches of precipitation (10 to 20 percent) per year. This is apparently due to chart editing problems and to a lack of good measurements of snowfall (water). Thus, the hourly recording raingage data of the NWS are not useful in deriving climatological means and extremes, particularly for the colder months.

Illinois Weekly Weather and Crop Report. A third state publication has been issued on a weekly basis since the mid-1940s. It contains weekly rainfall values for many substations in Illinois and temperatures for a few selected first-order stations. It is a joint effort of the Federal and State Departments of Agriculture and the EDS. It is published only during the crop season (March-October), but it is a handy publication for monitoring the current rainfall status.

**Climatic Summaries.** Over a period of years the USWB and EDS published summaries of the station data for all stations in each state. All state summaries are published under one of three series headings: *Climatic Summary of the United States, Climatography of the United States,* and *Key to Meteorological Records Documentation.* 

Climatic Summary of the United States, often referred to as Bulletin W, was published in 1930. Bulletin W was the USWB's first attempt at summarizing state data. There are three Bulletin W issues for Illinois, one for each of the weatherclimate regions (figure 5). Most other states also had 3 or 4 divisions. Weather data from all stations in the different regions through 1930 (or until operations terminated before 1930) were summarized. The annual and monthly rainfall, humidity, monthly temperatures, excessive rainfall values, etc. are shown in tables by year.

Shortly after the punch-card era began, the Weather Bureau issued *Climatic Summary of the United States - Supplement for 1931-1952* for each state, often called *Supplement to Bulletin W.* It presented the available monthly rainfall amounts during the 1931-1952 period from all stations. Unfortunately, the individual monthly temperature data were not published in this supplement, but it does contain the revised (1931-1952) monthly mean temperatures. U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU CHARLES F. MARVIN. Chief

# CLIMATOLOGICAI

### ILLINOIS SECTION

#### **CLARENCE J. SOOT, Meteorologist**

L. L			n
VOL. xxx	SPRINGFIELD, ILL., APRIL, 1925	No. 4	

#### GENERAL SUMMARY

April maximum temperature records were exceeded at six nut; several other stations reported traces on that date. stations. There was practically no snowfall, and sunshine was in excess of the normal. Dubuque, Iowa, reports a low relative. humidity of 16 per cent on the 3d. Conditions were very favorable for farming operations, and the work was kept well up in every particular. Oats seeding was completed, and much progress was made in planting corn. Rain was needed in parts of the State at various times, but when ample amounts fell growing crops were much benefited. Practically no frost damage was reported during the low temperature of the last three days. Wind squalls and hail storms occurred in a number of areas over the north half of the State but in most instances the damage was not severe. On the 13th a severe wind and rain squall struck Springfield shortly before 2 p. m. The fastest mile of wind recorded was at the rate of 58 miles per hour; 0.33 inch of rain fell in two minutes. There was scattered damage to roofs, plate glass windows, signs, automobiles, trees, etc.; it was not heavy at any point, but in the aggregate amounted to \$15,000. Eight persons were injured, none seriously. Riverton and Spaulding, 7 miles northeast, reported a property loss of \$1,000. On the 18th there was plight damage to windows and roofs by hail at Mt. Carroll. The Weather Bureau Official at Peoria reports a line squall at 3:03 a. m. of the 19th. A four-story business building was struck by lightning and then pushed over by the gale, crushing an adjoining public garage. Two men in the larger building were killed. The storm caused minor damage to porches, roofs, trees, etc., chiefly in the south part of the city. The total estimated damage was \$500,000, about four-fifths being due to the collapse of the large building. In Pekin, south of Peoria, the property of three corporations suffered a combined loss of \$60,000. The losses at Canton amounted to \$10,000. In Adams County chimneys and trees were damaged at Golden, and at Quincy hail caused much injury to fruit blossoms and about \$5,000 loss to property, largely greenhouses. Hail six inches in circumference fell at White Hall on the 21st. There was damage to roofs, greenhouses, and automobile tops. On the 24th there was local wind damage in Adams, Carroll, De Kalb, Knox, and Will counties. A plant at De Kalb had a \$5,000 loss, and the other reported damage totals a like amount. On the same date windows were broken by hail at Waukegan, and in Kane, Knox, and McHenry counties, and gardens and fruit were reported injured about Quincy. Lightning losses were reported on several dates in various parts of Illinois. An earthquake of intensity 2 to 4 was felt over the south half of the State on the 26th.

#### TEMPERATURE

Temperature was below normal on only one day prior to the 27th, but there was a deficiency of 14° and 15° on the 29th and 30th. It was more than 10° above normal on the 7th, 8th, 11th to 14th, 18th, and 22d to 26th, and there was an excess of

20° to 21° from the 22d to 24th. The highest station readings ranged from 81° to 94°, and occurred during the last decade. The lowest station readings ranged from 21° to 41°, and occurred during the first decade.

#### PRECIPITATION

The rainfall totals ranged from 1 to 5 inches, but in general A warm April, following a mild March, caused a rapid ad- they were greater over the west half of the State. South and east vance of vegetation and resulted in a season eight to ten uays of the earlier than the average. For the State as a whole April was partures up to 2 inches. Elsewhere there were boun positive and slightly warmer in 1896 and 1915, but Peoria, with 70 years negative values, but as a rule they were less than one inch. The record, had a higher average temperature in 1915 only. The rains were quite well distributed through the month after the highly active state maximum for the month was higher in 1896 and 8th, as indicated by the table on page 15. Measurable snowfall in the 29th at Galva, Henry, La Salle, and Wal-

PRESSURE.	WIND.	HUMIDITY.	AND	SUNSHINE	DATA

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Two more state summaries (which are in essence 10-year supplements of the *Climatic Summary*) are also commonly referred to as *Supplement to Bulletin W*. They cover the 1951-1960 and 1961-1970 periods, respectively. These supplements contain monthly rainfalls for all Illinois stations, monthly temperatures, the record high and low temperatures, number of rain days, and generally more information than in the 1931-1952 supplement. The supplements since 1949 reveal the advantages of digitizing weather data onto punch cards and subsequently onto magnetic tape.

The Key to Meteorological Records Documentation series offers a number of useful summaries. The titles of Key series relevant to Illinois are listed in table 1. Titles in the Key series, the Climatic Summaries, and the Climatography of the United States series should be used in a search for various other kinds of climatic summaries dealing with specific weather conditions. Several useful publications relevant to specific weather conditions in Illinois are listed in table 2. Interested readers should consult a recent EDS publication for added information (U. S. Department of Commerce, 1969).

The Decadal Census of Weather Stations is a useful USWB summary. A map for each decade year (1900, 1910, etc.) shows the stations that were in operation. Most of the 58 Illinois substations operating in 1900 are still in operation today.

The Substation History which was done for each state is a summary publication relating to cooperative substations. It contains particularly useful information for climatological analyses involving time series analyses. For each substation it presents a complete station history — who the observers were, where the station was located in relation to the nearest post office and by latitude and longitude, the kinds of instruments used, and why each observer quit (moved, died, etc.). Unfortunately, most of these state summaries were published in the middle 1950s and they are now out-of-date for changes in recent years.

Another set of climatic summaries for each of the states is the *Climates of the States* which

was issued in 1960. Each issue has a 2-page text describing the weather and climate of the state, a short bibliography of weather-related publications, freeze date information for the state, mean temperature values, and mean precipitation values. It also contains annual LCD tables which show the normals, means, and extremes for each first-order station. Included also are a few of the mean monthly rain and temperature maps for the state represented.

Heating Degree Day Normals is a publication showing monthly values of heating degree days for 1931-1960. Degree-day normals have been calculated for every substation in Illinois that has had long-term temperature records. Another useful publication is the Monthly Normals of Temperature, Precipitation, and Heating Degree Days, showing the monthly and annual normals for the 1931-1960 period at the FOS and substations.

# **National Publications**

National Summary. The Climatological Data National Summary (NS), which began in 1950, is probably the most well-known of the national (all states) weather-related publications. Prior to that year, much of the information and data appeared in the Monthly Weather Review and the U. S. Meteorological Yearbook. The NS is published on both a monthly and annual basis. The NS monthly issues contain a general weather description for the country. They also contain values for all the U.S. first-order stations (mean maximum and mean minimum temperatures, rainfall, number of days of rainfall, thunderstorms, and other items). The NS monthly issues have the heating degree days and cooling degree days for all the FOS in the country, and a text on floods. There are rawinsonde values that are summaries (by station) for the month of the average temperatures and dew points for every 50-mb level. There are also solar radiation data for the nation and maps of 1) the cyclone and anticyclone tracks for the month, 2) tropical disturbances, and 3) typhoons. Issues for the 1949-1959 period contained detailed data on loss caused by all types of storms (sorted by states), but these data became the

### Table 1. Publications Relevant to Illinois in the EDS Series 'Key to Meteorological Records Documentation'

Substation Histories (issued for each state or combination of states, such as Maryland-Delaware and New England, and for Puerto Rico and Virgin Islands; 45 separate issues)
The Cooperative Weather Observer
History of Verification of Weather Records in the U. S. Weather Bureau
History of Climatological Record Forms 1009 and 612-14
History of Climatological Record Books
Excessive Precipitation Techniques
Temperature Recordings
History of Tornado Observations and Data Sources
History of Climatological Publications
Decadal Census of Weather Stations
The Decennial United States Census of Climate 1960 and its Antecedents

Table 2. NWS Publications Relevant to Illinois for Specific Weather Conditions

NWRC = National Weather Records Center, EDS, ESSA, Federal Building, Asheville, N. C. 28801 GPO = Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

Average Precipitation in the United States, 1944, NWRC.

Climates of the States, GPO.

Climatic Atlas for the United States, June 1968, GPO.

Daily Normals of Temperature and Heating Degree Days, GPO.

Heating Degree Day Normals, 1931-1960 Data, GPO.

Maximum Recorded United States Point Rainfall (Weather Bureau Technical Paper No. 2), GPO.

- Maximum Station Precipitation for 1, 2, 3, 6, 12, and 24 Hours (Weather Bureau Technical Paper No. 15), GPO.
- Monthly Normals of Temperature, Precipitation, and Heating Degree Days, 1931-1960, GPO.

Normal Pressures and Tendencies for the United States (Weather Bureau Technical Paper No. 1), NWRC.

- Sunshine and Cloudiness at Selected Stations in the United States (Weather Bureau Technical Paper No. 12), 1951, NWRC.
- Temperatures at Selected Stations in the United States (Weather Bureau Technical Paper No. 9), 1949, NWRC.
- Upper-Air Climatology of the United States (Weather Bureau Technical Paper No. 32), Three Parts, GPO.
- Mean Monthly and Annual Evaporation from Free Water Surface for the United States, Alaska, Hawaii, and West Indies (Weather Bureau Technical Paper No. 13), 1950, Out of Print.
- Mean Number of Thunderstorm Days in the United States (Weather Bureau Technical Paper No. 19), Out of Print.

Mean Precipitable Water in the United States (Weather Bureau Technical Paper No. 10), 1949, Out of Print.

- Tornado Occurrences in the United States (Weather Bureau Technical Paper No. 20, Revised 1960), 1916-1958, GPO.
- Weekly Mean Values of Daily Total Solar and Sky Radiation (Weather Bureau Technical Paper No. 11), 1949, NWRC.

Climatic Guide For Chicago, Ill. Area (1962)

material for a new USWB publication, *Storm Data*, which began in 1959.

The NS annual issue contains about the same material as the monthly issues. The annual issue does include the excessive short-duration (5-, 10-, 15-minute) rainfall data for all first-order stations in the country. It also contains the monthly sunshine amounts and percentages for each FOS as well as the monthly and annual frequencies of thunderstorm days and national extremes of various weather conditions.

Storm Data. This national publication is used frequently because it summarizes damaging storms in the nation. As mentioned previously, before it was started in 1959, the 1950-1958 storm data appeared in the National Summary. Storm Data presents by state all the storm dates, the kind of storm, the number of people killed and injured, time of the event (if known), and a gross estimate of dollar loss (figure 8). These data should be used with caution because the data for any state reflect the interest and efforts of its USWB State Climatologist. The degree of reporting has varied, and the reporting can often be late, as noted for Illinois in figure 8. One should always search issues after the month of interest for delayed data and corrections.

Weekly Weather and Crop Bulletin. This is a national publication, not to be confused with the *Illinois Weekly Weather and Crop Report*. It is issued each week, and has been published since 1872. It has short weather and crop status summaries for each state. The more interesting items in it are the weekly rainfall, the growing degree days tabulations, and the Crop Moisture Index map (figure 9) which shows the status of soil moisture, as calculated from weather data. The 30-day outlooks for rainfall and temperature also appear in this publication.

**Daily Weather Map.** These are published weather maps that show the detailed national surface weather conditions at midnight, the 500-mb upper air pattern at noon, the highest and lowest temperatures on a third map, and the selected 24-hour rain amounts on another map. Starting in 1968 these were changed from daily publications to weekly issues which contain the maps for each day of the week.

# **General Climatic Publications**

**Technical Papers.** There are about 40 of these publications (USWB, NWS, or EDS). They deal with a variety of subjects, ranging anywhere from sunshine in Puerto Rico to the U. S. maximum record point rainfall amounts for periods of 5 minutes to 48 hours. Certain technical papers containing information relevant to Illinois appear in table 2. Others of possible interest in this state are Technical Papers 25, 29, 30, 34, 37, and 40.

**Technical Memorandums and Research Papers.** These usually are not in the all encompassing form of the technical papers. Technical Memorandums are usually oriented toward presenting specialized information useful to forecasting and internal NWS applications. However, some do contain useful Illinois climatic data unavailable elsewhere.

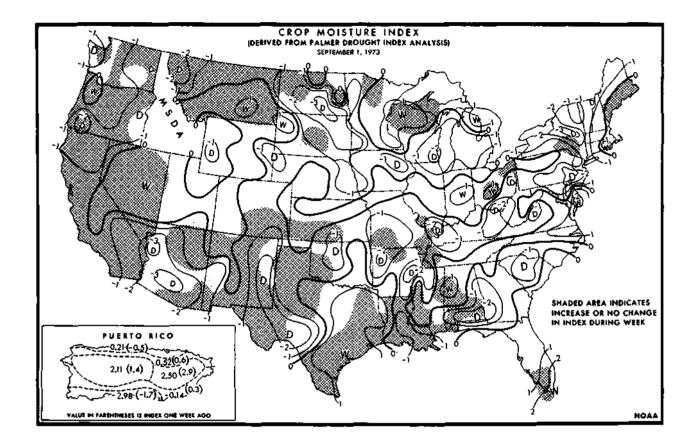
**Climatic Atlas of the United States.** This national climatic atlas is another useful EDS publication. It contains a large number of maps of normal, mean, or extreme values of weather conditions such as the normal precipitation patterns for each month in the United States. It also contains monthly maps of temperature, snowfall, wind, mean relative humidity, pressure, sunshine, radiation, evaporation, etc.

Northern Hemisphere Data. This 2-part publication began in 1899 but was revised in 1955. Part 1 includes daily surface synoptic weather maps from around the northern hemisphere and 500-mb maps for each day. Part 2 contains surface synoptic reports and all available upper air data for one or two times a day, 0000 and/or 1200 hours Greenwich Mean Time. Also presented are relative humidity, temperature, wind speed, wind direction, and pressure data for five levels in the atmosphere. Since 1964, the data in Part 2 are not in published format but are available on microfilm.

**Thunderstorm Rainfall.** This is a 2-part (text and figures) publication printed in 1947 as Hydrometeorological Report 5. It contains a large volume of information on rainfall, thunderstorms, and hailstorms that is unavailable in any other USWB-EDS publication, although thunderstorm data were more recently summarized in Technical Paper 19 (table 2).

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# SHADED AREAS: Index increased or did not change last week

#### Index

Above.	3.0	Excessively wet, some fields flooded
2.0 to	3.0	Too wet, some standing water
1.0 to	2.0	Prospects good, some fields too wet
0 to	1.0	Moisture adequate for present normal needs
0 to	-1.0	Prospects improved, but rain still needed
-1.0 to	-2.0	Some improvement, but still too dry
-2.0 to	-3.0	Drough eased, but still serious
Below	-4.0	Not enough rain, still extremely dry

#### UNSHADED AREAS: Index decreased last week

### Index

Above	3.0	Some drying, but still excessively wet
2.0 to	3.0	More drying weather needed, work delayed
1.0 to	2.0	Favorable, except still too wet in spots
0 to	1.0	Normal growth and fieldwork
0 to	-1.0	Topsoil moisture short, germination slow
-1.0 to	-2.0	Abnormally dry, prospects deteriorating
-2.0 to	-3.0	Too dry, yield prospects reduced
-3.0 to	-4.0	Potential yields severely cut by drought
Below	-4.0	Extremely dry, most crops near ruin

The map gives a general picture of how wet or dry the Nation was last week. It shows areas where abnormal wetness or dryness have hindered crops and areas where moisture conditions have favored them.

The lines show the crop-moisture situation according to an index computed from values of temperature and precipitation by areas...350 climatological divisions, which correspond roughly to SRS's crop reporting districts. Previous weekly computations of soil moisture account for the effects of prior weather.

Shaded areas are those where precipitation

increased the index last week or where soils did not dry. Unshaded areas dried last week. The centers of wet or dry areas are marked: W=wet; D=dry. The map lines mark off crop situations. Use the legend to interinterpret .

Local variations caused by isolated rain or by soil differences are not shown. While shallow rooted crops in poor soils may suffer more than the map shows, conditions may be better where soils are good. Also, legends apply to growing rather than mature plants. Any map interpretation must consider both the growth stage and moisture status and trend. In irrigated regions, the index values reflect only departures from ordinary irrigation requirements.

# **Original Data Forms**

The original data log sheets of FOS and cooperative substations *(see samples on figures 10 and 11 for two kinds of cooperative stations)* are generally available at the National Weather Records Center (NWRC) in Asheville, North Carolina. However, reproduction can be expensive. The Water Survey also maintains at its Champaign office a set of those from all Illinois substations for the period 1887 to the present.

Practically all weather data in the United States since 1948 have been digitized onto punched cards and/or magnetic tape by the Weather Bureau and its successors, ESSA and NOAA. Samples of the data formats on some of the commonly used card types are shown on figure 12. Any efforts to enter pre-1949 data on cards were accomplished on a state basis under cooperative agreements with the Weather Bureau. The amount of pre-1949 data entered on cards was decided by the state groups. The Water Survey entered into such a cooperative agreement with the Weather Bureau (as did the University of Missouri and Purdue University in our neighboring states), and punched all daily data for 60 Illinois stations for 1901-1948, as is explained in more detail in the section on Water Survey data. Punched cards or tapes of these data are maintained at the NWRC and the Water Survey.

The recent data (1949 to present) from FOS, substations, and the Federal Aviation Agency (FAA) stations are usually available on cards, tape, or on original data sheets. These can be obtained at NWRC for varying costs, according to each format. Some original data sheets may contain hourly or daily information not digitized on cards or tape. For instance, when the NWS digitizes the cooperative substation data, they often do not enter the observer's indications of sleet, hail, thunder, damaging winds, and time of rain.

The teletype form of synoptic weather data, the original radiosonde data from Peoria and Salem, and the facsimile weather maps from 1950 to the present are available on microfilm for purchase from the NWRC. Photocopies of the raingage charts from NWS recording raingages also can be obtained from the NWRC.

# ILLINOIS STATE WATER SURVEY

There are two general goals for the Water Survey's work in climatology. One is to provide climatic information, both in original formats and as processed data, to answer requests. A part of this service-related activity is the operation of the Morrow Plots Weather Station in Urbana which the Survey has operated since 1948. The station operation serves to provide 1) weather data for our studies, 2) a source of weather information to the general public (as an example see Changnon, 1959), and 3) data for the NWS and EDS since this is their Urbana cooperative substation (Changnon and Boyd, 1963).

The other general goal of the Survey's climatology program is to analyze data and prepare special climatic research reports on topics such as hourly rainfall (*Huff, 1971*), other weather conditions associated with rainfall (*Changnon*, 1968a), effects of Lake Michigan on rainfall (Changnon, 1968b), thunderstorms (Changnon, 1957b), and clouds (Changnon and Huff, 1957). The climatology program of the Water Survey began before its weather research group was developed in 1949. The Survey had an Engineering Section (now the Hydrology Section), and when the engineer-hydrologists performed groundwater and surface-water analyses, they often employed some basic climatic analyses.

The Survey launched its cooperative punchcard project, mentioned earlier, with the USWB in 1954. All the 1901-1948 historical weather data for the 55 Illinois cooperative substations with long records were carefully edited, and the daily values were then entered on punch cards *(Changnon, 1957a)*. As part of this project, the raw daily data of four FOS (Chicago, Moline, Peoria, and Springfield) for the same period

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WB FORM 612-13 (8-68)

#### U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SEMICES ADMINISTRATION, WATER OVERAU CORD, OF RIVER AND, CLIMATOLOGICAL, ORSERVATION

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CAYE         M           4         4         5         5         5         5         5         5         1</th><th>LL PHA<br/>CROPAR<br/>T MAMBER<br/>C B J B S B B B B B B B B B B B B B B B B</th><th>ALPHA<br/>GORDER         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         TOPOR         TOPOR           T         TOPOR         YR         KG         Duy S         TOPOR         TOPOR           T         TOPOR         YR         S         S         S         TOPOR         TOPOR           T         TOPOR         TOPOR         S         S         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR</th><th>ALPHA<br/>CORDER         YR         MG         MAX         ME           C B J B S B B B B B B B B B B B B B B B B</th><th>ALPHA<br/>CORDER         YR         KG.         MAX   
     MIN           CONDER         YR         KG.         CuvY         MAX         MIN           C BJ B S B B C 0 0 0 0 0 0 0 0 9 0 0 0 0 0         J</th><th>ALDHA<br/>GODDR         YR         KO         Dury S         MAX.         MIN.         T           C         0<th>ALPHA<br/>GROER         YR         Max         MIN         TIM<br/>TIM           t         ORDER         YR         Max         Dury B         Max         MIN         TIM           t         ORDER         YR         Max         Dury B         Max         MIN         TIM           t         Max         Dury B         Max         Dury B         Max         MIN         TIM           t         Max         Max         Max         Max         Min         TIM           t         Max         Max         Min         TIM         TIM         TIM         TIM           t         I</th><th>ALPHA<br/>CORDER         YR         KG         Duy 25         MAX.         MIN         TME<br/>CROSS           C         0         &lt;</th><th>ALPHA<br/>ORDER         YR         MO         MAX         MIN         True for<br/>CONDER           C         0         <t< th=""><th>ALAPHA<br/>GROGR         YR         NG.<br/>Guy S         MAX.         MIN         THE<br/>GROGS           C         B         B         B         C         0</th><th>ALDHA<br/>GORDER         YR         KG         Dury S         MAX.         MIN         Time         Miccores           C         B         B         B         C         D</th><th>ALAPHA<br/>GROER         YR         MAX         MIN         TIME         INC.0575         Fr           U         GROER         YR         MAX         MIN         TIME         INC.0575         Fr           1         I</th><th>ALBHA<br/>CORDER         VR         VO.         DUV 5         MAX         MIN         TIME         MAX         MAX         MAX         MAX</th><th>ALAPHA<br/>ORDER         YR         MO.         MAX.         MIN         TUME RES         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector        
General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector</th><th>ALAPHA<br/>GROGR         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MAX.         MIN</th><th>ALAMAA         YR         MGQ         MAX         MIN         True         MGCGT 21         PAL         MIN         True         PAL         MAX         MIN         True         PAL         &lt;</th><th>ALPHA<br/>GROER         YR         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MIN         MIN         MIN         MIN         MIN</th></t<><th>ALBHA<br/>GRODR         VR         VR         VR         MAX.         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cm</th><th>ALAPHA<br/>ORDER         YR         MAX         MIN         TIME         INC. 053         FAM. 2010           C         B J B S B G G O O O O O O O O O O O O O O O O O</th><th>ALAPHA<br/>CORDER       YR       WO.       Gun 25<br/>(a) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>ALAPHA<br/>ORDER     YR     MO.     MAX.     MIN     TOME RATE     General State</th><th>ALAPHA<br/>GROOR       YR       WG       MAX.       MIN       T (ME)       T (ME)       MAX.       MIN       T (ME)       MAX.       MAX.       MIN       T (ME)       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       M</th><th>ALAMAA<br/>CONDER       YR       MAX       MIN      
True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MAMMER       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MCC05S       MAX       MIN       TIME       MCC05S       Pack MT L05/min       MS         G B J B S B G G D D D D D D D D D D D D D D D D D</th><th>ALAPHA<br/>CORDER       YR       WO.       MAX.       MIN       THE CORDER       THE CORDER       WIN CORDER         WINMEER       Image: Corder</th><th>ALAMAA<br/>GORDER     YR     MO.     MAX.     MIN     TME     MAXE     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACCOS       Pack ME1 05/min       MS         MUMBER       F       MAX       MIN       TIME       MCCOS       Pack ME1 05/min       MS       &lt;</th><th>ALAMAA<br/>GORDER       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN<!--</th--><th>ALAPHA<br/>GORDER     YR     MO.     MAX.     MIN     TOME FOR STREAM</th><th>ALAPHA<br/>GRODER       YR       MAX       MIN       TIME (\$12)       ALMIN      
TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       <td< th=""><th>ALAMAA<br/>GORDERA<br/>WAMBERA<br/>WAMBERA<br/>7       YR       MAX       MIN       True for CATE:<br/>1000000000000000000000000000000000000</th><th>ALAPHA<br/>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       &lt;</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Franc</th><th>ALAPHA<br/>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PAL</th><th>ALAPHA<br/>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Frage</th><th>ALAPHA<br/>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME     
 Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       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TUME PRECENST PARTICUS PROVIDED TO COMPANY PROVID</th><th>ALAMAA<br/>COMPAR       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></br></br></th><th>ALAMAA       MAX       MIN       TUME       MAX       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN   
   TUME       MIN       MIN       MIN</th></br></th></th></br<></br></th></th></t<></th><th>ALEMA<br/>CONDEX       YR       MAX       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       Min       Max       MIN       Min</th><th>ALAMAA<br/>CONDAR       MIN       THE<br/>THE<br/>THE<br>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE</br></th><th>ALEMAA<br/>CONDER       YR       MAX       MIN       True (MCCCTS)       Automation (MCCTS)       &lt;</th><th>ALENAA<br/>WOMBER       YR       MAX.       MIN       THME FORCES       FALLENCE       FALLEN</th><th>ALENAA<br/>WOMBER       YR WO DAVE       MAX.       MIN       THE MEANS       MIN       MIN       MIN</th><th>ALEMAA<br/>WOMBER       YR WA DAVYS       MAX.       MIN       TIME       MACKES       Rest of the second seco</th></td<></th></th></th></th></thtoro<></thtoro<> | 1     1     1     1     1       2     2     2     2       1     3     3     3       4     4     4     4       5     5     5     5       6     6     6     6       7     7     7     7       4     1     4     4 | ALPHA<br>ORDER         YI           0 3 3 3 3 0 0         0           1 1 1 1 1         1           2 2 2 2 2         2           3 3 3 3 3 3         2           4 4 4 4 4           5 5 5 5 5 5 5           6 6 6 6 6 6 6           7 7 7 7 7 7           4 1 1 4 5 5           5 5 5 5 5 5           5 5 5 5 5 5           5 5 5 5 5           6 6 6 6 6 6 6           7 7 7 7 7           4 8 8 8 5 5           5 5 5 5 5 5 | ALPHA<br>onber         yn           2         2         2           1         1         1           1         1         1           2         2         2           3         3         3           4         4         4           4         4         4           5         5         5           6         6         6           7         7         7           4         1         4           5         5         5           6         6         6           7         7         7           7         7         7           7         7         7           7         7         7           7         7         7 | LL
PHA<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>CROPR<br>C | ALPHA<br>ORDER         YR         MO         C           4         APAA         YR         MO         C           5         3         9         9         0         0         0         0           1 | ALAPHA<br>ORDER         YR         MO.         Curvest<br>Curvest           0 | ALPHA<br>ORDER         YR         KG         Dury           t         MAMBER         5         5         6         0 | ALPHA<br>ORDER         YR         MO.         CAYE         M           4         4         5         5         5         5         5         5         1 | LL PHA<br>CROPAR<br>T MAMBER<br>C B J B S B B B B B B B B B B B B B B B B | ALPHA<br>GORDER         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         MAX           T         TOPOR         YR         KG         Duy S         TOPOR         TOPOR           T         TOPOR         YR         KG         Duy S         TOPOR         TOPOR           T         TOPOR         YR         S         S         S         TOPOR         TOPOR           T         TOPOR         TOPOR         S         S         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR         TOPOR           T         TOPOR         TOPOR         TOPOR         TOPOR | ALPHA<br>CORDER         YR         MG         MAX         ME           C B J B S B B B B B B B B B B B B B B B B | ALPHA<br>CORDER         YR         KG.         MAX         MIN           CONDER         YR         KG.         CuvY         MAX         MIN           C BJ B S B B C 0 0 0 0 0 0 0 0 9 0 0 0 0 0         J | ALDHA<br>GODDR         YR         KO         Dury S         MAX.         MIN.         T           C         0       
 0         0 <th>ALPHA<br/>GROER         YR         Max         MIN         TIM<br/>TIM           t         ORDER         YR         Max         Dury B         Max         MIN         TIM           t         ORDER         YR         Max         Dury B         Max         MIN         TIM           t         Max         Dury B         Max         Dury B         Max         MIN         TIM           t         Max         Max         Max         Max         Min         TIM           t         Max         Max         Min         TIM         TIM         TIM         TIM           t         I</th> <th>ALPHA<br/>CORDER         YR         KG         Duy 25         MAX.         MIN         TME<br/>CROSS           C         0         &lt;</th> <th>ALPHA<br/>ORDER         YR         MO         MAX         MIN         True for<br/>CONDER           C         0         <t< th=""><th>ALAPHA<br/>GROGR         YR         NG.<br/>Guy S         MAX.         MIN         THE<br/>GROGS           C         B         B         B         C         0</th><th>ALDHA<br/>GORDER         YR         KG         Dury S         MAX.         MIN         Time         Miccores           C         B         B         B         C         D</th><th>ALAPHA<br/>GROER         YR         MAX         MIN         TIME         INC.0575         Fr           U         GROER         YR         MAX         MIN         TIME         INC.0575         Fr           1         I</th><th>ALBHA<br/>CORDER         VR         VO.         DUV 5         MAX         MIN         TIME         MAX         MAX         MAX         MAX</th><th>ALAPHA<br/>ORDER         YR         MO.         MAX.         MIN         TUME RES         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector</th><th>ALAPHA<br/>GROGR         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T
(MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MAX.         MIN</th><th>ALAMAA         YR         MGQ         MAX         MIN         True         MGCGT 21         PAL         MIN         True         PAL         MAX         MIN         True         PAL         &lt;</th><th>ALPHA<br/>GROER         YR         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MIN         MIN         MIN         MIN         MIN</th></t<><th>ALBHA<br/>GRODR         VR         VR         VR         MAX.         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cm</th><th>ALAPHA<br/>ORDER         YR         MAX         MIN         TIME         INC. 053         FAM. 2010           C         B J B S B G G O O O O O O O O O O O O O O O O O</th><th>ALAPHA<br/>CORDER       YR       WO.       Gun 25<br/>(a) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>ALAPHA<br/>ORDER     YR     MO.     MAX.     MIN     TOME RATE     General State</th><th>ALAPHA<br/>GROOR       YR       WG       MAX.       MIN       T (ME)       T (ME)       MAX.       MIN       T (ME)       MAX.       MAX.       MIN       T (ME)       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       M</th><th>ALAMAA<br/>CONDER       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MAMMER       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MCC05S       MAX       MIN       TIME       MCC05S       Pack MT L05/min       MS         G B J B S B G G D D D D D D D D D D D D D D D D D</th><th>ALAPHA<br/>CORDER       YR       WO.       MAX.       MIN       THE CORDER       THE CORDER       WIN CORDER         WINMEER       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder       Image: Corder
      Image: Corder       Image: Corder</th><th>ALAMAA<br/>GORDER     YR     MO.     MAX.     MIN     TME     MAXE     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACCOS       Pack ME1 05/min       MS         MUMBER       F       MAX       MIN       TIME       MCCOS       Pack ME1 05/min       MS       &lt;</th><th>ALAMAA<br/>GORDER       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN<!--</th--><th>ALAPHA<br/>GORDER     YR     MO.     MAX.     MIN     TOME FOR STREAM</th><th>ALAPHA<br/>GRODER       YR       MAX       MIN       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       <td< th=""><th>ALAMAA<br/>GORDERA<br/>WAMBERA<br/>WAMBERA<br/>7       YR       MAX       MIN       True for CATE:<br/>1000000000000000000000000000000000000</th><th>ALAPHA<br/>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       &lt;</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       France for Cars       France for Cars       France for Cars       France for Cars      
France for Cars       Franc</th><th>ALAPHA<br/>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PAL</th><th>ALAPHA<br/>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Frage</th><th>ALAPHA<br/>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       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th=""><th>ALAPIA       VR       MAX       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       Max       Min       Min (NCASE)       Max       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAPHA<br/>(ORDER)       YR       MO.       TUME       MEX.       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME&lt;</th><th>ALAMAA<br/>CONDAR       VR       MAX       MIN       True<br/>True<br>STORE       MAX       MIN       True<br>True<br/>STORE       MAX       MIN       True<br/>STORE       MAX       MIN       &lt;</br></br></th><th>ALAMAA<br/>CORDER       YR       MO. Curve       MAX.       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>T</br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></th><th>ALAMAA<br/>GORDER       YR       MAX       MIN       TIME       Micross       Finite 
     Finite       Finit       Finite       Finit       &lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>GORDER       YR       MO.       TUME PRECENST PARTICUS PROVIDED TO COMPANY PROVID</th><th>ALAMAA<br/>COMPAR       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></br></br></th><th>ALAMAA       MAX       MIN       TUME       MAX       MIN       TUME       MIN       MIN       MIN</th></br></th></th></br<></br></th></th></t<></th><th>ALEMA<br/>CONDEX       YR       MAX       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       Min       Max       MIN       Min</th><th>ALAMAA<br/>CONDAR       MIN      
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    0         0</th><th>ALDHA<br/>GORDER         YR         KG         Dury S         MAX.         MIN         Time         Miccores           C         B         B         B         C         D</th><th>ALAPHA<br/>GROER         YR         MAX         MIN         TIME         INC.0575         Fr           U         GROER         YR         MAX         MIN         TIME         INC.0575         Fr           1         I</th><th>ALBHA<br/>CORDER         VR         VO.         DUV 5         MAX         MIN         TIME         MAX         MAX         MAX         MAX</th><th>ALAPHA<br/>ORDER         YR         MO.         MAX.         MIN         TUME RES         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector         General<br/>Sector</th><th>ALAPHA<br/>GROGR         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br/>MARKER         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MAX.         MIN</th><th>ALAMAA         YR         MGQ         MAX         MIN         True         MGCGT 21         PAL         MIN         True         PAL         MAX         MIN         True         PAL         &lt;</th><th>ALPHA<br/>GROER         YR         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MIN         MIN         MIN         MIN         MIN</th></t<> <th>ALBHA<br/>GRODR         VR         VR         VR         MAX.         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm        
MAX = 10 cmm         MAX = 10 cm</th> <th>ALAPHA<br/>ORDER         YR         MAX         MIN         TIME         INC. 053         FAM. 2010           C         B J B S B G G O O O O O O O O O O O O O O O O O</th> <th>ALAPHA<br/>CORDER       YR       WO.       Gun 25<br/>(a) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th> <th>ALAPHA<br/>ORDER     YR     MO.     MAX.     MIN     TOME RATE     General State</th> <th>ALAPHA<br/>GROOR       YR       WG       MAX.       MIN       T (ME)       T (ME)       MAX.       MIN       T (ME)       MAX.       MAX.       MIN       T (ME)       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       M</th> <th>ALAMAA<br/>CONDER       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></th> <th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MAMMER       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MCC05S       MAX       MIN       TIME       MCC05S       Pack MT L05/min       MS         G B J B S B G G D D D D D D D D D D D D D D D D D</th> <th>ALAPHA<br/>CORDER       YR       WO.       MAX.       MIN       THE CORDER       THE CORDER       WIN CORDER         WINMEER       Image: Corder</th> <th>ALAMAA<br/>GORDER     YR     MO.     MAX.     MIN     TME     MAXE     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN</th> <th>ALAPHA<br/>GORDER       YR       MAX       MIN       TIME       MACCOS       Pack ME1 05/min       MS         MUMBER       F       MAX       MIN       TIME       MCCOS       Pack ME1 05/min       MS       &lt;</th> <th>ALAMAA<br/>GORDER       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       ALAMA<br/>WAREAR       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX   
   MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MAX       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN<!--</th--><th>ALAPHA<br/>GORDER     YR     MO.     MAX.     MIN     TOME FOR STREAM</th><th>ALAPHA<br/>GRODER       YR       MAX       MIN       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       <td< th=""><th>ALAMAA<br/>GORDERA<br/>WAMBERA<br/>WAMBERA<br/>7       YR       MAX       MIN       True for CATE:<br/>1000000000000000000000000000000000000</th><th>ALAPHA<br/>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       &lt;</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Franc</th><th>ALAPHA<br/>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PAL</th><th>ALAPHA<br/>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX      
  MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Frage</th><th>ALAPHA<br/>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       MAX.       MIN       TOME<br>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br< th=""><th>ALAPIA       VR       MAX       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       Max       Min       Min (NCASE)       Max       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN      
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TUME       MEX.       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME&lt;</th><th>ALAMAA<br/>CONDAR       VR       MAX       MIN       True<br/>True<br>STORE       MAX       MIN       True<br>True<br/>STORE       MAX       MIN       True<br/>STORE       MAX       MIN       &lt;</br></br></th><th>ALAMAA<br/>CORDER       YR       MO. Curve       MAX.       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TUME PRECENST PARTICUS PROVIDED TO COMPANY
PROVIDED TO COMPANY PROVID</th><th>ALAMAA<br/>COMPAR       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></br></br></th><th>ALAMAA 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      YR       MAX       MIN       True (MCCCTS)       Automation (MCCTS)       &lt;</th><th>ALENAA<br/>WOMBER       YR       MAX.       MIN       THME FORCES       FALLENCE       FALLEN</th><th>ALENAA<br/>WOMBER       YR WO DAVE       MAX.       MIN       THE MEANS       MIN     
 THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       THE MEANS       MIN       MIN       MIN</th><th>ALEMAA<br/>WOMBER       YR WA DAVYS       MAX.       MIN       TIME       MACKES       Rest of the second seco</th></td<></th></th> | ALAPHA<br>GROGR         YR         NG.<br>Guy S         MAX.         MIN         THE<br>GROGS           C         B         B         B         C         0 | ALDHA<br>GORDER         YR         KG         Dury S         MAX.         MIN         Time         Miccores           C         B         B         B         C         D | ALAPHA<br>GROER         YR         MAX         MIN         TIME         INC.0575         Fr           U         GROER         YR         MAX         MIN         TIME         INC.0575         Fr           1         I | ALBHA<br>CORDER         VR         VO.         DUV 5         MAX         MIN         TIME         MAX         MAX         MAX         MAX | ALAPHA<br>ORDER         YR         MO.         MAX.         MIN         TUME RES         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector         General<br>Sector | ALAPHA<br>GROGR         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         YR         NG. GuyYS         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         MAX.         MIN         T (MC Gross)         ALAPHA<br>MARKER         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MIN         T (MC Gross)         MAX.         MAX.         MIN | ALAMAA         YR         MGQ         MAX         MIN         True         MGCGT 21         PAL         MIN         True         PAL         MAX         MIN         True         PAL
        PAL         < | ALPHA<br>GROER         YR         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MAX         MIN         TIME         MIN         MIN         MIN         MIN         MIN | ALBHA<br>GRODR         VR         VR         VR         MAX.         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cmm         MAX = 10 cmm         MAX         MIN         True         MAX = 10 cmm         MAX = 10 cm | ALAPHA<br>ORDER         YR         MAX         MIN         TIME         INC. 053         FAM. 2010           C         B J B S B G G O O O O O O O O O O O O O O O O O | ALAPHA<br>CORDER       YR       WO.       Gun 25<br>(a) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ALAPHA<br>ORDER     YR     MO.     MAX.     MIN     TOME RATE     General State | ALAPHA<br>GROOR       YR       WG       MAX.       MIN       T (ME)       T (ME)       MAX.       MIN       T (ME)       MAX.       MAX.       MIN       T (ME)       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       MAX.       M | ALAMAA<br>CONDER       YR       MAX       MIN       True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br> | ALAPHA<br>GORDER       YR       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MAMMER       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MAX       MIN       TIME       MACROSS       Pack MT L05/min       MS         MMAMER       MIN       TIME       MCC05S       MAX       MIN       TIME       MCC05S       Pack MT L05/min       MS         G B J B S B G G D D D D D D D D D D D D D D D D D | ALAPHA<br>CORDER       YR       WO.       MAX.       MIN       THE CORDER       THE CORDER       WIN CORDER         WINMEER       Image: Corder | ALAMAA<br>GORDER     YR     MO.     MAX.     MIN     TME     MAXE     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN     TME     MIN     MIN    
MIN     MIN | ALAPHA<br>GORDER       YR       MAX       MIN       TIME       MACCOS       Pack ME1 05/min       MS         MUMBER       F       MAX       MIN       TIME       MCCOS       Pack ME1 05/min       MS       < | ALAMAA<br>GORDER       YR       MAX       MIN       True fileCares       ALAMA<br>WAREAR       YR       MAX       MIN       True fileCares       ALAMA<br>WAREAR       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       True fileCares       YR       MAX       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN       YR       MIN </th <th>ALAPHA<br/>GORDER     YR     MO.     MAX.     MIN     TOME FOR STREAM</th> <th>ALAPHA<br/>GRODER       YR       MAX       MIN       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       ALMIN       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       TIME (\$12)       <td< th=""><th>ALAMAA<br/>GORDERA<br/>WAMBERA<br/>WAMBERA<br/>7       YR       MAX       MIN       True for CATE:<br/>1000000000000000000000000000000000000</th><th>ALAPHA<br/>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       &lt;</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Franc</th><th>ALAPHA<br/>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE PREPOSE       PALE
PREPOSE       PALE PREPOSE       PAL</th><th>ALAPHA<br/>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Frage</th><th>ALAPHA<br/>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       MAX.       MIN       TOME<br>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br/>TOME<br< th=""><th>ALAPIA       VR       MAX       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME
(NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       Max       Min       Min (NCASE)       Max       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAPHA<br/>(ORDER)       YR       MO.       TUME       MEX.       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME&lt;</th><th>ALAMAA<br/>CONDAR       VR       MAX       MIN       True<br/>True<br>STORE       MAX       MIN       True<br>True<br/>STORE       MAX       MIN       True<br/>STORE       MAX       MIN       &lt;</br></br></th><th>ALAMAA<br/>CORDER       YR       MO. Curve       MAX.       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>T</br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></th><th>ALAMAA<br/>GORDER       YR       MAX       MIN       TIME       Micross       Finite       Finit       Finite       Finit       &lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN      
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CATE:<br/>1000000000000000000000000000000000000</th><th>ALAPHA<br/>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       &lt;</th><th>ALAPHA<br/>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Franc</th><th>ALAPHA<br/>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PAL</th><th>ALAPHA<br/>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True for Cars       Frage</th><th>ALAPHA<br/>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min      
TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       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TUME PRECENST PARTICUS PROVIDED TO COMPANY PROVID</th><th>ALAMAA<br/>COMPAR       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></br></br></th><th>ALAMAA       MAX       MIN       TUME       MAX       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN   
   TUME       MIN       MIN       MIN</th></br></th></th></br<></br></th></th></t<></th><th>ALEMA<br/>CONDEX       YR       MAX       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       True       Max       MIN       Min       Max       MIN       Min</th><th>ALAMAA<br/>CONDAR       MIN       THE<br/>THE<br/>THE<br>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE<br/>THE</br></th><th>ALEMAA<br/>CONDER       YR       MAX       MIN       True (MCCCTS)       Automation (MCCTS)       &lt;</th><th>ALENAA<br/>WOMBER       YR       MAX.       MIN       THME FORCES       FALLENCE       FALLEN</th><th>ALENAA<br/>WOMBER       YR WO DAVE       MAX.       MIN       THE MEANS       MIN       MIN       MIN</th><th>ALEMAA<br/>WOMBER       YR WA DAVYS       MAX.       MIN       TIME       MACKES       Rest of the second seco</th></td<> | ALAMAA<br>GORDERA<br>WAMBERA<br>WAMBERA<br>7       YR       MAX       MIN       True for CATE:<br>1000000000000000000000000000000000000 | ALAPHA<br>GORDER       YR       MO. Dury S       MAX.       MIN       TOWE PREPRINT DOWN       BS       < | ALAPHA<br>GORDER       YR       MAX       MIN       THE       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA
MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       MAX       MIN       THE       SA MT1 0 g/m       SA MT1 0 | ALAMAA<br>COMPAGE       YR       MAX       MIN       True for Cars       Franc | ALAPHA<br>GORDER       YR       MO.       Dury MAX       MIN       THE PREPOSE       PAL | ALAPHA<br>GORDER         YR         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         A MT 10 CM         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MIN         TIME (NCASS)         MAX         MAX         MAX | ALAMAA<br>COMPAGE       YR       MAX       MIN       True for Cars       Frage | ALAPHA<br>GORDER       YR       MO. Dury C.M.X.       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN       MIN       TOWE PROPERTY STATUS (M)       MIN <t< th=""><th>ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min&lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN      
True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>CONDER       YR       MO.       MAX.       MIN       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th=""><th>ALAPIA       VR       MAX       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       Max       Min       Min (NCASE)       Max       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAPHA<br/>(ORDER)       YR       MO.       TUME       MEX.       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME&lt;</th><th>ALAMAA<br/>CONDAR       VR       MAX       MIN       True<br/>True<br>STORE       MAX       MIN       True<br>True<br/>STORE       MAX       MIN       True<br/>STORE       MAX       MIN       &lt;</br></br></th><th>ALAMAA<br/>CORDER       YR       MO. Curve       MAX.       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>CORDER       MIN      
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TUME PRECENST PARTICUS PROVIDED TO COMPANY PROVID</th><th>ALAMAA<br/>COMPAR       YR       MAX       MIN       True<br/>True<br/>True<br/>True<br/>True<br/>True<br>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/></br></br></th><th>ALAMAA       MAX       MIN       TUME       MAX       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN   
   TUME       MIN       MIN       MIN</th></br></th></th></br<></br></th></th></t<> | ALAMAA       MIN       TIME       MAX       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       MIN       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Max       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       TIME       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min       Min< | ALAMAA<br>COMPAGE       YR       MAX       MIN       True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br><th>ALAMAA<br/>CONDER       YR       MO.       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<="" th=""/><th>ALAPHA<br/>(ORDER)       YR       MO.       TUME       MEX.       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN       TUME       MIN      
TUME&lt;</th><th>ALAMAA<br/>CONDAR       VR       MAX       MIN       True<br/>True<br>STORE       MAX       MIN       True<br>True<br/>STORE       MAX       MIN       True<br/>STORE       MAX       MIN       &lt;</br></br></th><th>ALAMAA<br/>CORDER       YR       MO. Curve       MAX.       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>CORDER       MIN       TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br/>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>TME<br>T</br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></th><th>ALAMAA<br/>GORDER       YR       MAX       MIN       TIME       Micross       Finite       Finit       Finite       Finit       &lt;</th><th>ALAMAA<br/>COMPAGE       YR       MAX       MIN       True<br/>True<br/>True<br>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br/>True<br <="" th=""/><th>ALAMAA<br/>GORDER       YR       MO.       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MIN       TOME<br> | ALAPIA       VR       MAX       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       ALAPIA       Max       MIN       TIME (NCASE)       Max       Min       Min (NCASE)       Max       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Max       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE)       Min (NCASE) | ALAMAA<br>COMPAGE       YR       MAX       MIN       True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br>True<br><th>ALAPHA<br/>(ORDER)       YR       MO.       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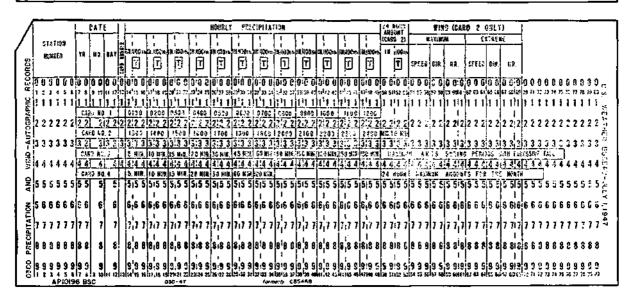


FIGURE 12

were entered on punch cards. Card decks for St. Louis and Cairo (1901-1948) punched by the Missouri cooperative project also were obtained. Almost all of these substation cards have temperatures (daily maximum and minimum), as well as snowfall and 'days with' entries. All precipitation data are complete. The Survey staff made estimates for all the nearly 10,000 missing daily values out of a total of 330,000 entries.

The Survey's extensive effort totaled over two million cards and took three years to complete. This digitized climatic daily data bank includes data for 55 substations and 6 FOS, as shown in figure 13. The process of editing and digitizing the historical records revealed the high quality of Illinois weather records. This project and the resulting punch-card data led to considerable research and many climatic oriented publications.

# Publications

Survey reports considered to be largely of a climatological nature are briefly reviewed.

**Card Data.** Initially, four progress reports for the Illinois Cooperative Punch-Card Project were prepared during the digitization of the 1901-1948 data (*Changnon, 1955, 1956, 1957a, and 1963a*). These punch-card data reports contain complete listings of how the data were edited, the material punched on the cards, where the stations are, and what card duplicates were supplied to the USWB. Circulars 57 and 64 describe some of the first climatic analyses to use the punch-card data (*Changnon, 1956, 1957a*).

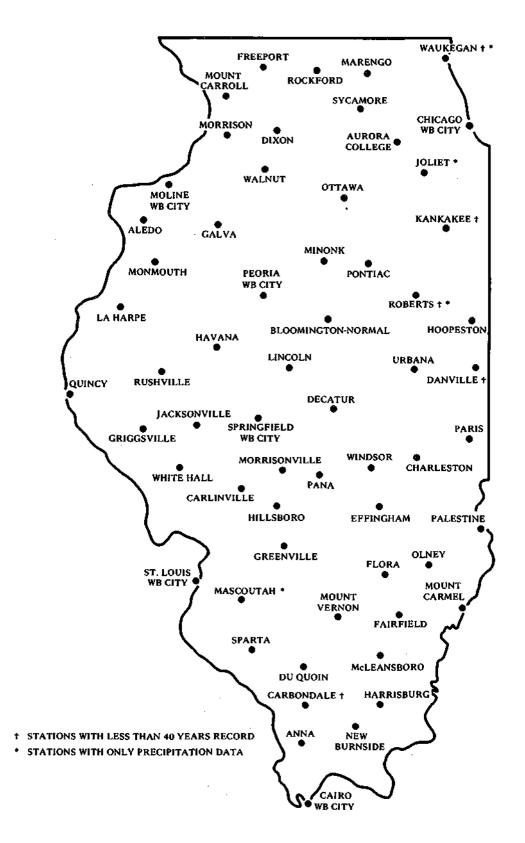
**Substation LCDs.** Other early climatic publications were substation LCDs. Four were produced in 1955 (Monmouth, Mt. Vernon, Rockford, and Urbana) based on the punch-card data for the 1901-1954 period. In 1963, LCD issues were prepared and published for other Illinois substations (Aurora, Bloomington-Normal, Carbondale, Charleston, Danville, Decatur, Havana, Hillsboro, Kankakee, Ottawa, Quincy, and Rushville).

Severe Weather Climatology. The editing of the historical records revealed that several of the Illinois substations had excellent 'days with' records, at least during periods when certain outstanding observers served. A technique for evaluating the records was developed (*Changnon, 1967a*), and the data were eventually used to develop climatologies of several severe weather events in Illinois.

A circular describing the climatology of tornadoes in Illinois (Changnon and Stout, 1957) was an initial severe storm study. It was subsequently revised and enlarged in a newer publication, Illinois Tornadoes (Wilson and Changnon, 1971). Other climatologies on severe weather events cover:

- thunderstorms, a statewide climatology (Changnon, 1957b)
- relations between thunderstorms and hailstorms (Changnon, 1962a)
- structure of thunderstorm rainfall (Stall and Huff, 1971)
- preferred days of occurrence of severe weather (Changnon, 1962b)
- damaging lightning, a climatology (Changnon, 1964a)
- damaging lightning, reasons for regional differences (Changnon, 1970a)
- hail climatology (Huff and Changnon, 1959; Changnon, 1963b)
- hail intensity (Changnon, 1967b)
- characteristics of individual hailstorms (Changnon, 1970b)
- climatic aspects of severe rainstorms (Stout and Huff, 1962; Huff, 1967, 1968)
- severe winter storms (Changnon, 1969a)
- drought climatology (Huff and Changnon, 1963)

**Precipitation Climatology.** The precipitation climatology of Illinois has been thoroughly studied. Publications concern spatial variations of rainfall (*Huff, 1969; Huff and Shipp, 1969*), temporal variations of rain (*Huff, 1967*), the major causes of rain (*Huff and Changnon, 1961*), and the diurnal variation of rain (*Huff, 1971*) and of atmospheric conditions related to rain (*Changnon, 1968a*). Precipitation climatologies of specific places of interest like Lake Michigan (*Changnon, 1968b*) and southern Illinois (*Changnon, 1968b*) and southern Illinois (*Changnon, 1963c*) were prepared. The climatology of *clouds* in Illinois was developed (*Changnon and Huff 1957*), along with the climatology of *evapotranspiration* in the state (*Jones, 1966*).





Applied Climatology. In addition to topical climatologies, several climatic studies were oriented toward specific applications, such as agricultural interests and building design. Publications include:

- temperature and rainfall probabilities relevant to farming (Changnon, 1969b)
- relations of climate factors to corn yields (*Changnon and Neill*, 1967)
- irrigation estimates for Illinois from climatic data (Changnon, 1969c)
- physical relation of hail to crop damages (*Changnon*, 1971)
- impact of weather modification on agriculture (Huff and Changnon, 1972)
- use of climatic data in certain phases of building design (Changnon and Jones, 1964)
- economic losses from hail, on local, state, and national scales (*Changnon*, 1972)
- impacts of urban-produced weather changes at St. Louis (Changnon, 1973)

Weather Modification. Several climatic studies of inadvertent weather modification evolved over a 12-year period (*Changnon*, 1962c, 1968c, and 1970c; Huff and Changnon, 1973). These concerned several cities in and near Illinois.

Climatic-type studies of planned weather modification were also performed. Studies included rainfall modification (*Huff, 1969; Schickedanz and Huff, 1971*) and hail suppression (*Changnon and Schickedanz, 1969; Schickedanz and Changnon, 1970*).

General Climatic Data. During the 1958-1960 period, the state published several atlases concerning natural resources in Illinois. One was the *Atlas on Water Resources and Climate* (1958). This atlas contains several types of statewide basic climatic data in the form of maps or graphs including 1) annual precipitation extremes for 5- and 50-year periods, 2) average annual and monthly rainfall, 3) long-term precipitation trends, mean snowfall, etc. A similar, but more extensive general state summary of climatic factors was prepared and published in 1967 (*Water for Illinois — a Plan for Action*, 1967).

In 1957 the Water Survey began a series of reports concerning the potential surface water resources for various areas in Illinois. These were prepared and published for four areas, one for each major division of the state (*Roberts et al., 1957; Dawes and Terstriep, 1966a, 1966b, and 1967*). Each contains a section on the region's climate and includes the probabilities of any given date being in a dry period.

Extensive interest in the climatic data from the Urbana weather station has resulted in several publications. The first summarized indepth the climatic records in the 1901-1956 period (*Changnon*, 1959). It contains statistical summaries for standard weather elements plus those for soil temperatures, sky cover, humidity, and solar radiation. A history of the Morrow Plots station was published (*Changnon and Boyd*, 1963), and long-term climatic change has also been investigated with the use of Urbana temperature records (*Changnon*, 1964b).

# Data

In addition to the publications, the Water Survey has many punched cards and tapes containing climatic data. Besides the two million daily weather cards already described, the Survey has assorted radiosonde (upper air) cards and a large volume of 'analyzed' card decks. Monthly rain and temperature cards for all longterm stations in Illinois have been machine-calculated from the daily cards. These monthly cards have been used to produce climatic printouts for each station. The monthly total rainfall cards were then used to produce cards with running totals for periods of 3 months, 6 months, etc. The Survey also has prepared weekly summary cards of rain and temperature data for 10 Illinois stations (Changnon, 1963a).

# OTHER SOURCES OF ILLINOIS DATA

Early research and summarization of state data by two climatologists resulted in two publications dealing with the general climate of Illinois (*Mosier*, 1918; Page, 1949). Each contains considerable monthly data in tabular form.

The North Central Committee for Weather and Agriculture [initially identified as North Central (NC)-26 and more recently as NC-94] has produced several useful climatic summaries for Illinois and the Midwest. This is one of several regional committees established under the Agricultural Experiment Stations of the Land Grant universities in the United States. Their publications can be obtained through the University of Illinois College of Agriculture. Those relevant to Illinois include:

- 1) Precipitation Probabilities in the North Central States (Shaw et al., 1960). This report contains regional maps showing the weekly rainfall probability for most weeks of the year and for different amounts of weekly rainfall.
- Probabilities of Sequences of Wet or Dry Days in Illinois (Feyerherm et al., 1966) presents probabilities for sequences of days having various daily rain amounts for 10 Illinois stations.
- 3) Temperatures Critical to Agriculture (Decker, 1967) contains probability maps for runs of days (5, 15, or 25 or more) with maximum and minimum temperature above different selected levels. These are given for each week.
- Solar Radiation and Sunshine Duration Relationships in North Central Region and Alaska (Baker and Haines, 1969). This NC Region publication presents extensive radiation and sunshine data for the region, largely in probabilistic format (tables) and by weeks of the year (maps).

The Argonne National Laboratory at Lemont, Illinois, has operated an excellent weather station, and its data have been used to produce a 15-year climatic summary (*Moses and Bogner*, 1967). It is a valuable summary of soil temperature data, surface and low level winds, temperature, and dew point data for that locale.

Surface weather data have been collected at the various U. S. Air Force bases in Illinois. These data are usually sent to the NWRC, but they are often not available in published formats. During World War II, the U. S. Air Force operated several air bases in Illinois for short periods between 1941 and 1947, and such weather records provide considerable climatic data for 3- to 5-year periods where there are no other detailed observations available. Such complete weather stations at the Lawrenceville and Park Ridge bases, for example, have provided data for extensive climatic research by the Air Weather Service. They used the data from Lawrenceville to summarize all the frequencies for different wind directions and speeds.

The hourly weather observations at FAA airport stations (such as Champaign, Decatur, Mattoon, Mt. Vernon, and Quincy) are labeled as 'second-order' station data. These data are hard to obtain because they are not 'official' by NWS standards and are not card-punched. To obtain the data, one must purchase photo copies of the daily log sheets from the NWRC, Asheville, North Carolina.

In the 1960s the Illinois State Climatologists of EDS developed *Climates of \_\_\_\_\_County*, for 58 Illinois counties. Each contains a climatic summary that is based on the historical USWB data for every station in the county. These can be obtained from the Water Survey or from the Illinois Department of Agriculture in Springfield.

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Climate, Lake Michigan, precipitation

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Climate, winter storms

Climate, agricultural weather

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Climate

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Climate

Climate

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Temperatures, climate

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# APPENDIX

## Sources of Additional Weather Information

# Environmental Data Service

For information	on EDS publications or original records
Telephone:	Area Code 301 495-2424
Mail:	National Weather Records Center
	Federal Building
	Asheville, North Carolina 28801

For copies of government publications Mail: Superintendent of Documents Government Printing Office Washington, D. C. 20402

Illinois State Water Survey

For special weather information or advice Telephone: Stanley A. Changnon, Jr. Area Code 217 333-4260

For local (Champaign-Urbana) weather data or information Telephone: Weather Observer Area Code 217 333-4963

For copies of Water Survey publications Telephone: Information Desk Area Code 217 333-2211 All mail: Illinois State Water Survey Box 232 Urbana, Illinois 61801

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