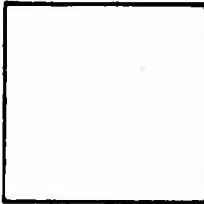


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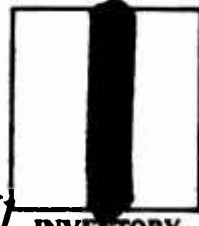
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COMMUNIST CHINA

SECTION 23

WEATHER AND CLIMATE

Part III-North China

JUNE 1964

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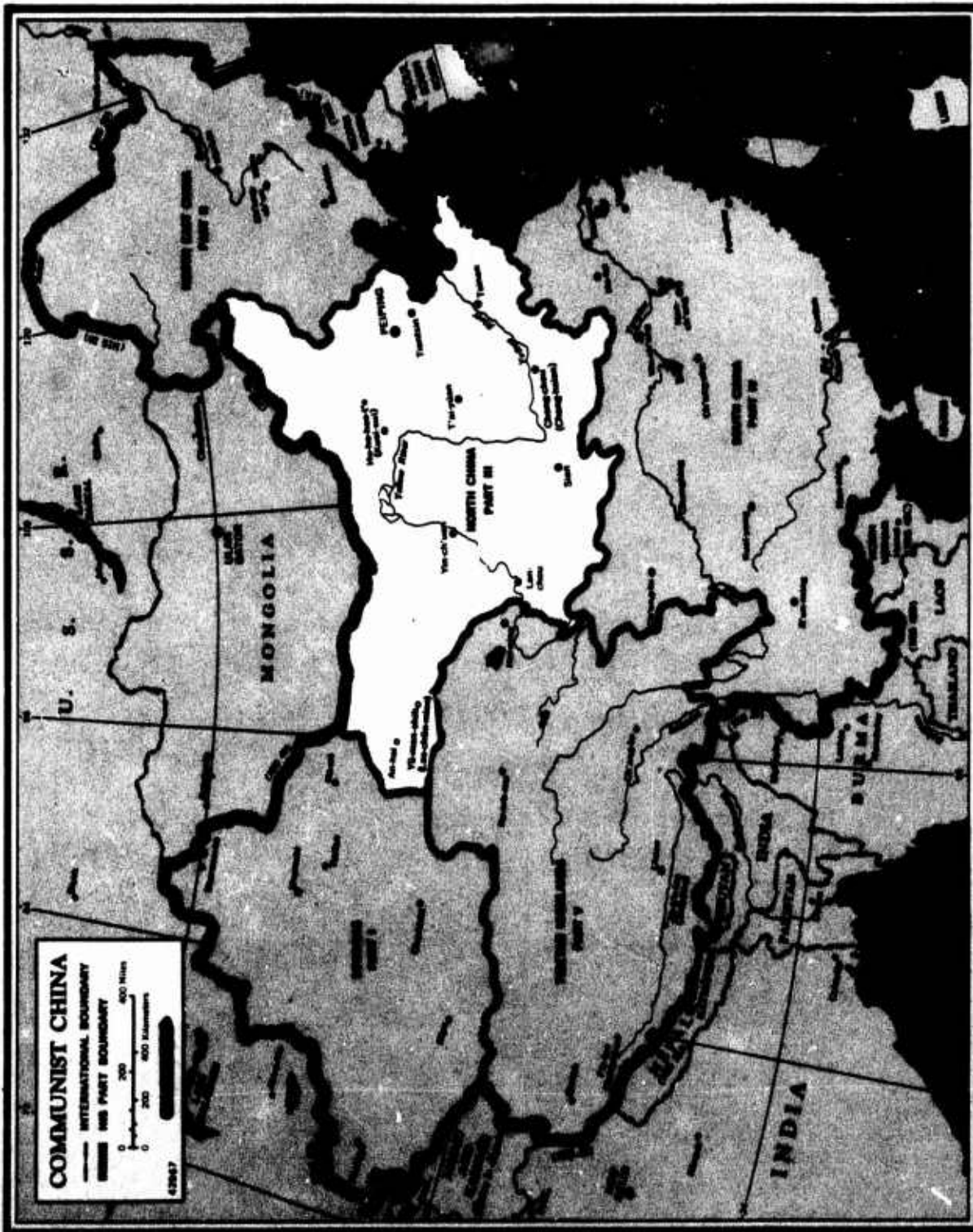
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23. Weather and Climate

A. General weather and climatic conditions

1. Introduction

North China, lying entirely within the North Temperate Zone, displays a great variety of climates, ranging from relatively moist and maritime in the east to arid and continental in the interior northwest. In general, summers are hot, with cloudiness and precipitation at a maximum; winters are cold, dry, and relatively clear. The main climatic controls producing this climate are the large semipermanent pressure systems and the resultant large-scale monsoon airflows. These currents transport into the Area cold, dry air masses from the continental northwest in winter and warm, moist air masses from the oceanic southeast in summer. The migratory pressure systems which traverse the Area throughout the year and the varied topography are also of primary importance in producing the climate of North China.

Summers are hot over most of the Area with mean daily maximum temperatures ($^{\circ}\text{F.}$) mostly in the 80's and 90's; however, some locations in the northeast and along the coast observe maximums in the 70's and the higher mountain locations are even cooler. Winters are cold, particularly in the north, with the mean daily minimum temperatures during January, the coldest month, ranging from nearly -25°F. in the northeast to the low 30's in the south. Mean annual precipitation varies widely over the Area, from over 30 inches at some locations in the southeast to less than 5 inches in the arid northwest. Summer is the wet season; at most locations, 50% or more of the annual precipitation is recorded during this season. The rainfall may vary from light rain to torrential showers. Winters are dry, with most stations averaging less than 1 inch of precipitation per month, and a large number less than $\frac{1}{2}$ inch per month. Much of the winter precipitation falls as snow. Relative humidity is generally highest along the coast, ranging from 80% to 95% during early summer mornings, and lowest in the northwest desert section, usually less than 25% during late winter and spring afternoons. Cloudiness decreases generally from south to north over the country. Almost all locations experience maximum cloudiness in late spring and summer and minimum cloudiness in late autumn and winter, when clear skies predominate at most locations. Ceiling and visibility limits are usually adequate for most air-ground operations in all seasons. Ceilings are generally lowest in summer, especially along the southern coast. Restrictions to visibility occur most often in winter and

spring, frequently as dust or dust haze raised by strong, gusty surface winds. Fog is an infrequent restriction throughout the year, with a spring and summer maximum on the coast and a slight winter maximum at most inland locations. Low clouds impinging on the slopes may restrict visibility during summer in the mountains. Heavy summer showers also lower visibility at times for short periods. Snow is seldom a problem except in an occasional blizzard. Thunderstorms are observed throughout the Area, mainly during the summer months. Typhoons affect the southeastern part of the Area occasionally in summer and autumn, briefly disrupting most operations.

North China, at its greatest length in the east, extends from about 32°N. to 47°N. latitude, a distance of about 1,000 statute miles. At its widest expanse, it extends from about 94°E. to 123°E. , a distance of roughly 1,500 statute miles. The Area contains a wide variety of terrain features, ranging from extensive low coastal plains in the east to rugged mountains in the southwest. For convenience in discussion, the Area has been divided into three regions of fairly distinct climatic characteristics (FIGURE 54): 1) Eastern Plain and Hills, 2) Central Highlands, and 3) Northern Plateau.

The Eastern Plain and Hills Region extends for the most part 125 to 400 miles inland. The monotonously flat plain, generally less than 150 feet above sea level, forms a wide north-south arc extending from the Gulf of Chihli to the Yellow Sea. The plain is broken in the east central part by a group of hills and isolated mountains with summits generally ranging between 1,000 and 3,500 feet above sea level. Summers are generally hot and humid; afternoon temperatures, however, are moderated near the coast by frequent sea breezes. The region feels the full force of the moist, unstable monsoonal flow in summer, when cloudiness, precipitation, and thunderstorm activity are greatest. Typhoons, affecting North China in summer and autumn, are limited primarily to the southeastern part of this region. In winter, temperatures are cold but generally milder than over the northern interior. Skies are frequently clear and precipitation very light. Fog and dust occasionally lower visibilities.

The Central Highlands Region consists of relatively barren hills and mountains extending from northeast to southwest across the central part of the Area. Elevations range to more than 16,000 feet above sea level in the highest mountains of the southwest. Summers are generally cooler and winters more severe than in the Eastern Plain and Hills Region, particularly in the

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north and at higher elevations throughout the region; however, sheltered valley stations in the far south have temperatures as warm or even warmer. The seasonal cloudiness and precipitation patterns are similar to those of the Eastern Plain and Hills except that variability from place to place is much greater because of local topography. Exposed windward mountain slopes may have appreciably more cloudiness and precipitation than do the lee slopes. Because of the additional orographic lift of the mountains, this region generally has the greatest frequency of thunderstorms within the Area.

The Northern Plateau is an elevated region of broad barren plains and deserts ranging roughly between 3,000 and 6,000 feet above sea level. Mountains fringe the southwestern part of the region with elevations generally exceeding 10,000 feet and peaks more than 17,000 feet. The climate of this region is arid, particularly in the west. At levels below about 7,000 feet, summer days are hot while nights are cool. Air masses reaching the region have had most of the moisture removed in crossing the Central Highlands. Therefore, summer cloudiness is considerably less than over the remainder of the Area. Summer precipitation is very light in the west but increases appreciably in the northeast. Winters are mostly clear, with almost no precipitation, and severely cold, particularly in the northeast. Passing depressions sometimes bring increased cloudiness and light snow, but more often they result in gusty surface winds which give rise to duststorms.

The following seasonal breakdown is used throughout this Section: winter (November through March), spring (April and May), summer (June through August), and autumn (September and October). The winter and summer seasons are delineated primarily by the two major wind systems (northwest in winter and southeast in summer) operating over the Area. Therefore, the terms "winter monsoon" and "summer monsoon" are also occasionally used. Spring and autumn are the shorter transition periods during which these major wind systems replace each other.

2. Climatic controls

The climate of North China is controlled primarily by the large semipermanent pressure systems and the resulting large-scale atmospheric circulation, the air masses reaching the Area, the migratory pressure systems and fronts, and the topographic features both within and without the Area. Other controls of less importance are latitude and the location of the Area with respect to the adjacent seas.

a. GENERAL CIRCULATION AND AIR MASSES — North China is located in the southeastern part of the huge Asian landmass and is flanked on the east by the broad expanse of the Pacific Ocean. Both the Asian landmass and the Pacific Ocean undergo marked seasonal variations in surface pressure, each developing separate large-scale semipermanent pressure systems. The interaction between these systems is largely responsible for

the general circulation over the Area. The major semipermanent pressure systems affecting North China are the North Pacific high and the alternating winter Siberian high and summer Asiatic low. FIGURES 1 and 2 show the mean pressure distribution and general surface airflow patterns for the months of January and July, representative months of the winter and summer seasons. Local variations such as those resulting from terrain features and from land and sea breezes are necessarily disregarded. The mean pressure patterns of spring and autumn are intermediate between the winter and summer patterns.

In winter, with the rapid cooling of the Asian landmass, an immense semipermanent high-pressure cell forms. It is known as the Siberian high and is centered over Mongolia just southward of Lake Baikal. The strong northwest flow of cold, dry polar continental (cP) air from this high dominates the climate of the

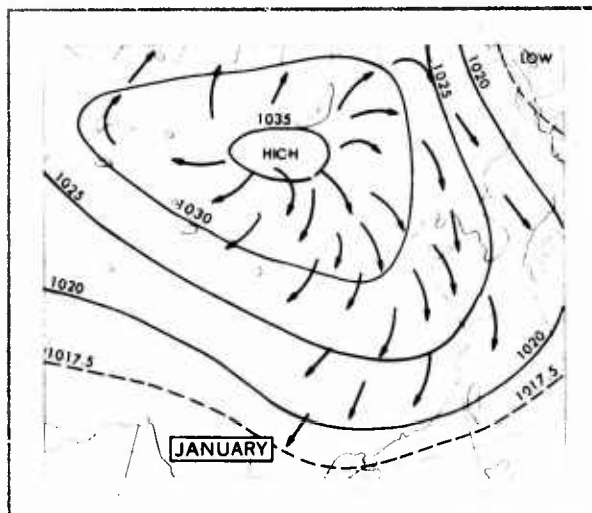


FIGURE 1. MEAN SEA-LEVEL PRESSURE (MILLIBARS) AND GENERALIZED SURFACE AIRFLOW, JANUARY

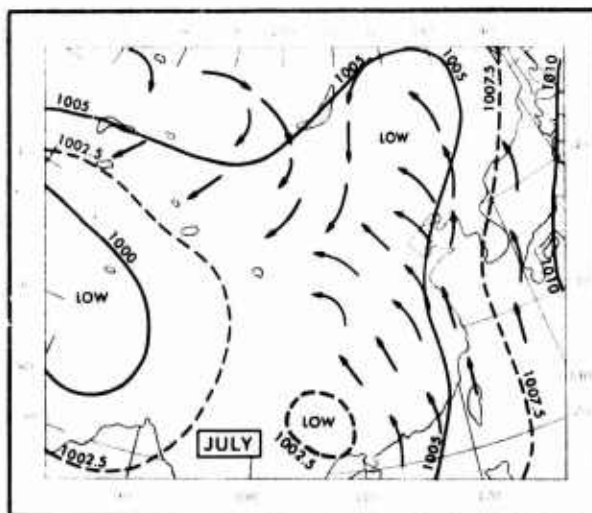


FIGURE 2. MEAN SEA-LEVEL PRESSURE (MILLIBARS) AND GENERALIZED SURFACE AIRFLOW, JULY

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Area during the winter monsoon. In consequence, the winter weather over most of North China is characterized by few clouds, light and infrequent precipitation, low temperatures, and strong, dusty winds. Part of the Eastern Plain and Hills Region, particularly the Shantung Peninsula, is also affected by modified polar continental air. The short trajectory over the Gulf of Chihli often adds sufficient moisture in the low levels to bring a considerable increase in low cloudiness and precipitation, usually in the form of snow.

In summer, the pressure pattern over Asia is reversed. With the warming of the Asian landmass the Siberian high is replaced by the Asiatic low, centered east of the Persian Gulf; pressure gradients everywhere become weaker. The Pacific high intensifies and moves northward. These large-scale changes reverse the winter surface airflow so that the summer monsoonal air arrives over the Area after a long trajectory over warm ocean waters. This southeast flow of warm, moist, and unstable tropical maritime (*mT*) air is dominant throughout all but the northwestern part of North China in summer. The results are generally increased cloudiness, rainfall, and thunderstorm activity. However, considerable modification of this air mass takes place with its advance inland. The long overland trajectory, aided by condensation caused by lifting over the hills and mountains of the Central Highlands Region, results in the removal of much of the moisture. Therefore, the *mT* air is much drier when it arrives over the northern parts of the Area.

The western half of the Northern Plateau Region is largely under the influence of tropical continental (*cT*) air in summer. This air mass, which forms over the great land-locked plateaus to the north, brings hot and continued dry weather, even during this so-called rainy season. Weak pressure gradients throughout North China result in generally weaker surface winds than in winter.

Spring and autumn are merely short transition periods between the two major monsoon seasons and are without significant climatic aspects other than the gradual change from one regime to the other. The recurrence of invading and retreating air masses during these transition periods results in frequent fluctuations between the conditions of the two major seasons. As a result, climatic conditions indicative of the withdrawing monsoon become weaker and less frequent as those of the invading monsoon become more prevalent.

b. MIGRATORY PRESSURE SYSTEMS AND FRONTS

(1) *Extratropical cyclones* — Extratropical cyclones, moving generally from west to east, also influence the climate of North China from time to time throughout the year. Compared to their North American counterparts, these storms are much smaller, normally about half as large. Storms crossing the southern part of the Area are less extensive than those in the north. In general, summer storms are more widespread but travel at a slower speed than winter storms. Some of the cyclones which cross the Area have had a long

trajectory over the Eurasian landmass and much of their original energy has been expended. New cyclones which originate in eastern Asia are usually weak. At times, however, both old and new cyclones intensify upon reaching the coast.

Chinese meteorologists have divided the extratropical cyclones affecting the whole of China into eight types. However, only four of these cross North China; typical tracks which they follow are shown in FIGURE 3. Type A cyclones originate in northwest Siberia or northeast Europe. They follow a southeasterly path across Siberia, Mongolia, and the northeastern part of North China. These cyclones are active throughout the year with an annual average of 18 occurrences; however, they occur most often in spring when about 6 or 7 can be expected. Originating near the southern border of Mongolia, type B cyclones move east-southeasterly across the northeastern part of the Area and across the Gulf of Chihli. Cyclones of this type are the most common of all. They occur in all seasons, averaging 21 per year; spring experiences the maximum of 7 storms of this type while summer has a secondary maximum of 6. Type C cyclones form in the western part of North China and follow a southeasterly path into South China. Although these storms are possible in all seasons, they are largely a spring phenomenon, with an annual average of 5 occurrences. Cyclones of type D originate along the southern border of the Area and move in an east-northeast direction. This is the rarest type of cyclone affecting North China, with only 2 or 3 occurrences per year, primarily in autumn or winter. The frequencies cited here are averages based on a 10-year period of record; actual frequencies may vary widely from one year to another.

The result of these migratory storms over North China is to bring variable weather which interrupts the more-or-less regular monsoonal pattern. The normal seasonal winds may be strengthened or weakened by the cyclonic winds, depending on the season and the path of the cyclone. During the winter and spring

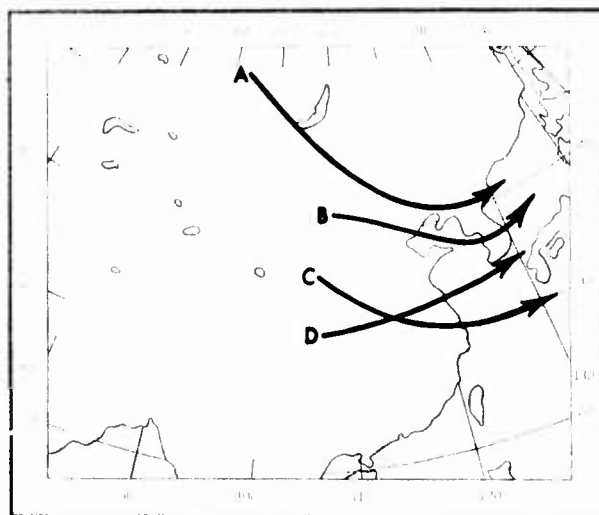


FIGURE 3. TYPICAL TRACKS OF EXTRATROPICAL CYCLONES

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the already strong northerly flow from Siberia is frequently reinforced along the western side of the cyclone, often giving rise to duststorms. The amount of precipitation falling during the passage of the storms depends directly on the amount of moisture available in the air. Therefore, cyclones occurring in summer and sometimes in late spring and early autumn, when moist air dominates North China, usually bring thick and extensive cloudiness, heavy rainfall, and increased thunderstorm activity, with floods often resulting. During the remaining months when dry, continental air covers the Area, cyclones are less extensive and bring little increase in cloudiness and only small amounts of precipitation. Winter and spring cyclones, especially those arriving from Siberia, often result only in stronger winds and duststorms. Upon reaching the coast, however, these storms often intensify and bring considerable cloudiness and rain or snow to parts of the Shantung Peninsula.

(2) *Tropical cyclones* — Tropical cyclones or typhoons which affect China originate for the most part east of the Philippines. They follow a westward path at a speed of about 10 knots, but near or over the continent they recurve to the northeast, doubling or even quadrupling their speed. These storms do not approach the mainland while the winter Siberian high is active, but in summer and autumn an average of about 20 typhoons pass near enough to influence the weather of mainland China. However, only a few of them strike the coast and these usually recurve to the northeast, leaving the mainland before reaching North China. The Shantung Peninsula and the coastal section immediately south of it are the parts of this NIS Area most likely to be affected by typhoons. In a normal year, 1 or 2 typhoons can be expected to pass close enough to be appreciably felt, usually during July and August. Occasionally one may pass directly over the Shantung Peninsula or even penetrate well into North China. Those that move inland, however, are likely to decrease rapidly in intensity and in some cases to diminish almost completely in a day or two. Hurricane-force winds (winds exceeding 65 knots), heavy clouds with low, ragged ceilings, and torrential rainfall accompany the typhoon. Severe flooding is likely when the typhoon passes inland or near enough to the coast to bring torrential rains. Strong winds and the resulting great sea swells and destructive waves are a hazard to shore installations and shipping.

(3) *Anticyclones* — North China is dominated by the semipermanent Siberian high-pressure cell during the winter. This cell is occasionally weakened by the passage of low-pressure systems; after the systems pass eastward, the high-pressure cell re-forms and again dominates the Area. The reestablishment of the high-pressure cell usually takes place from northwest to southeast and may appear on the daily weather map somewhat like a migratory high-pressure cell. In summer, infrequent migratory high-pressure cells cross the Area in a similar direction, temporarily interrupting the rela-

tively low pressure dominating the continent. High-pressure cells are generally characterized by clear skies and very cold temperatures in winter and by sunny skies and relatively cool weather in summer.

(4) *Fronts* — The boundary between two air masses with different characteristics is generally referred to as a frontal zone or front. Extratropical cyclones crossing North China are often accompanied by fronts, thus forming complex low-pressure systems.

In winter the semipermanent polar front, separating air masses of tropical and polar origin, is positioned most often over the South China Sea. Migratory fronts crossing the Area normally bring very small cloud amounts and light precipitation, which usually falls in the form of snow. Because the air masses involved are very dry, these fronts often result in little more than an invasion of severely cold, dry air and are frequently referred to as cold waves. The cold waves are often accompanied by strong dust-laden winds. Frontal systems crossing the Gulf of Chihli frequently intensify and obtain sufficient moisture from the sea surface to bring considerable cloudiness and precipitation to the Shantung Peninsula; blizzard conditions may result.

In early spring the polar front starts its migration northward as the warm, moist air from the southeast overruns and gradually replaces the cold, dry air from the northwest. The average position of the polar front is over the southern part of the Area in late spring and moves in an oscillating fashion slowly northward. By midsummer the polar front has reached its northernmost location. In July and August it maintains this semipermanent position, generally oriented northeast-southwest along the Mongolia-North China border. This warm-frontal activity, along with the monsoonal flow of moist, unstable air, brings maximum cloudiness, rainfall, and thunderstorm activity to most of North China during summer.

In autumn, a reverse transition takes place with more rapidity. As the Siberian high starts to develop, outbreaks of cold, dry air bring typical cold front conditions over the Area—rapid clearing of skies behind the fronts, colder temperatures, and reduced precipitation.

c. *TOPOGRAPHIC INFLUENCES* — The influence of topography on the climate of North China varies considerably from place to place but is usually reflected in the regime of most meteorological elements. Mountain ranges both within and without the Area at times exert strong influence on the general air circulation processes and on the formation and movement of frontal systems. The ranges not only hold back air masses and change their direction of movement but often create important local winds and modify the air masses by removing much of their moisture and adding heat by subsidence. The mountain ranges throughout the Central Highlands Region retard and modify considerably the summer monsoonal flow. As the moist air is lifted over the mountains, a large part of its moisture is deposited on the windward slopes, thereby contributing to

the semiarid conditions over the western half of the Northern Plateau Region. The Tibetan Plateau and its high mountain ranges completely wall off the Area from the influx of very moist air from the southwest in summer. In addition, extratropical cyclones and their accompanying fronts from the west and southwest are blocked or diverted around North China throughout the year. In winter, the elevation of the Northern Plateau and the absence of mountain barriers to the north or northwest subject this region to the full force of the bitterly cold northwest winds blowing out of the Siberian high. However, the mountains of the Central Highlands to some extent act as a barrier, protecting the southern portions of both the Central Highlands and the Eastern Plain and Hills Regions from the cold outbreaks.

d. OCEANIC INFLUENCES — North China is bordered on the east by the Gulf of Chihli and the Yellow Sea, two water bodies, backed by the huge expanse of the Pacific Ocean. During the summer monsoon this extensive water area serves as the source region for the warm and moist air masses that dominate the climate over most of the Area. However, the northwestern sections of North China are far removed from this source region and usually feel little of its maritime influences. In winter the prevailing flow is from the north, so that the oceans have much less influence. However, winter low-pressure systems crossing the Area often receive new moisture supplies and thus renewed strength over the Gulf of Chihli, resulting in stormy conditions over the Shantung Peninsula. Another effect of the oceans is the temperature differential between the land and adjacent water bodies which creates land and sea breezes bringing some relief from the summer heat along the coast. The sea breeze is usually stronger than the land breeze, since it is aided by the prevailing monsoonal flow; it is most significant during the hottest part of the day. Therefore, afternoon temperatures at coastal locations are considerably lower than at other lowland stations in the Eastern Plain and Hills Region. The Pacific Ocean also spawns typhoons which at times appreciably affect North China near the coast. Sea fog is also a product of the neighboring waters, especially in spring and summer, when visibilities may be frequently obstructed at southern coastal installations. The contact of the warm and moist air with the cooler water surface leads to a fairly rapid cooling of the lower layers of the air and to the formation of fog.

3. Special phenomena

Special weather phenomena of a catastrophic nature occur occasionally in North China and in the form of tropical storms and typhoons. These are discussed in Subsection A, 2, b, (2). Unusual meteorological phenomena of less importance but still worthy of special attention are floods, droughts, duststorms, hail, and mirages.

a. FLOODS — Almost every part of the Chinese mainland that is approximately level is occasionally sub-

ject to flooding. Untold millions of people have drowned. No less than 1,621 floods have been recorded during the past 2,000 years.

In North China, the flat lowlands of the Eastern Plain and Hills Region are most susceptible to flooding, usually during the heavy rains of the summer monsoon. The greatest danger probably lies with the passing of typhoons close enough to bring torrential rains. Over the inland sections, heavy rains from well-developed extratropical cyclones and their associated fronts are sometimes a serious threat. Most floods are the result of either excessive runoff or the breaking of dikes. The latter is especially serious, since many rivers have so built up their beds by sedimentation that they flow between dikes above the level of the countryside. When the dikes are breached, the river leaves its course and spreads far and wide. Over the flat plains in the east, flood waters may extend for miles and may persist for months. Lives are not only lost through drowning but also because of the famine that often follows.

Widespread flooding is less likely to occur in the mountains of the Central Highlands and over the arid sections of the Northern Plateau. At times, however, when passing cyclones or local thunderstorms bring brief, heavy showers, flash floods may occur.

b. DROUGHTS — Too little rain can be worse for the economy than too much rain. Droughts are sometimes more tragic than floods in North China, for they affect plains and mountainous terrain alike, and frequently are of wider extent than floodwaters. Where droughts continue for two or three years, millions may perish. Over all of China during the last 2,000 years, 1,392 serious droughts have been recorded. In at least 15 cases, famine became so serious that cannibalism is mentioned in the records. In North China, annual or even monthly amounts of rainfall can be deceiving; the critical factors include not only total rainfall but also sufficient rainfall at the time when most needed by vegetation. Droughts can be expected from time to time throughout North China. The year-round aridity of the northwestern parts of the country is conducive to sparse vegetation; some sections are total deserts. Normally the fertile plains in the east receive adequate precipitation to prevent serious drought. However, some years are much drier than others, or the precipitation is received at the wrong time; drought and subsequent crop failure may then result.

c. DUSTSTORMS — Duststorms in North China may at times seriously restrict military operations. Such storms occur when strong, gusty, turbulent winds pass over sections of loose, light soil. One main source of dust in North China is the loess which covers most of the country. Loess is a very fine, yellow silt or dust. It covers lowlands and uplands alike, but the layer tends to be thinner on the mountains. Loess deposits may reach a thickness of several hundred feet, depending on location. Trees are few throughout North China, and only the summer rainfall and resulting vegetation tend to hold the surface soil in place. The deserts of Mongolia

and of the northwestern sections of North China also contribute some of the dust and sand that blow over the Area. Although North China may experience duststorms throughout the year, they are most frequent and intense in winter and spring. During these periods, before the summer rains start, the ground is usually dry and the root structure of the dead vegetation from the previous summer is not sufficient to hold the surface soil against the winds. Most duststorms occur in the strong monsoonal circulation from Siberia and are usually most intense when extratropical cyclones and their associated cold fronts cross the Area. As the low-pressure system passes, and for several hours thereafter, the duststorm is at its height, sometimes reducing the visibility to several hundred yards. Even on clear days the sun's rays may become obscured by the dust and at times the sky may become so dark that lights are needed at midday. The dust thins out into a yellow dust haze some hours after the frontal passage, but visibility remains poor as long as the wind is fairly strong. Dust is transported great distances from the source region, often reaching the coast and sometimes well out to sea. The vertical extent may reach several thousand feet, at times to the upper limits of the monsoonal flow, where it may delineate the boundary between the monsoonal flow and the upper prevailing westerly winds.

d. **HAIL** — Hail is infrequent over most of North China. The southern mountains of the Central Highlands have the greatest frequency, mainly in afternoon thunderstorms. Although this section most often experiences damaging hailstorms, other sections east of the mountains have reported loss of life and property from time to time during the more severe storms.

e. **MIRAGES** — Much of the Area is relatively barren, especially in the northwest. Therefore, rapid and intense heating of the earth's surface during the hot summer months produces various types of mirages. Mirages can be expected to occur most often over barren ground on clear, hot summer days, particularly during the period of greatest heating in the afternoon. During this time the air immediately above the earth's surface is greatly heated, and marked local variations in temperature and density occur within the heated layer. Visual observation through this nonhomogeneous layer of air, which extends above eye level, is difficult, because objects appear to shimmer and sometimes even disappear. This effect is usually apparent only a short distance above the ground.

Inferior mirages, in which objects at greater heights appear to be on the ground, as when portions of the blue sky appear at the horizon as lakes, also occur at times. This effect is also caused by strong surface heating; a steep temperature and density discontinuity occurs immediately above the ground. The reflection of light waves by the top of the heated layer produces mirages when the angle of incidence is small. Under extreme conditions, these optical phenomena distort distant objects and strongly interfere with visual recognition, artillery sighting, surveying, and photography.

B. Weather and military operations

This Subsection is concerned with the effects of the meteorological elements upon military operations, which are here divided into four basic groups: air, air-ground, ground surface, and amphibious. Under each group are discussed the weather elements primarily relevant to the operations in that group. However, weather elements which are considered most applicable to one basic group may also affect operations in others. In such cases, reference should be made to the appropriate Subsection. The meteorological information contained herein is organized to highlight conditions that may be pertinent factors in planning. Discussion of the effects of weather on specific operations is not attempted, since the weather factor in an operation is subject to change with the changing requirements of the operation itself.

1. Air operations

a. **CLOUDINESS** — Mean cloudiness is not great in North China; throughout the year, the Area as a whole averages slightly over 50%. FIGURE 4 shows regional and monthly variations in mean cloudiness during the afternoon at selected stations. FIGURE 21 presents in tabular form the distribution of mean cloudiness at five hours of the day. The frequency of clear and cloudy sky conditions may also be of primary importance in the planning of air operations. Data of this type are shown graphically in FIGURE 5 and in tabular form in FIGURES 22 and 23. In general, mean annual cloudiness shows a fairly regular decrease from south to north. However, local influences cause some deviations from this pattern, especially over the Northern Plateau Region. On the average, the Northern Plateau Region is least cloudy with an average of about 45% annually. The Central Highlands and Eastern Plain and Hills Regions each experience roughly 55% mean annual cloudiness. Seasonal variations are marked and consistent throughout North China. Practically everywhere maximum cloudiness occurs in late spring and summer when the polar front migrates northward and most of the Area is under the influence of maritime air. During this period mean monthly cloudiness ranges from about 55% to 80% in the south and along the coast to about 45% to 65% over most of the Northern Plateau Region. Minimum cloudiness is observed throughout most of the Area in late autumn and winter when the polar front takes its southern position and relatively dry, continental air is dominant. Mean monthly cloudiness during this period varies generally from 45% to 65% in the south to around 25% to 50% in the north. However, locations such as An-k'ang and Wu-tu in the extreme southern part of the Central Highlands show little seasonal change;

NOTE Air operations are defined as those operations taking place primarily above the frictional influence of the surface terrain on atmospheric circulation. The meteorological elements discussed in this Subsection are those which are of primary importance to such operations as high-level visual bombing, aerial photography, most types of aerial reconnaissance, and fighter support and interception.

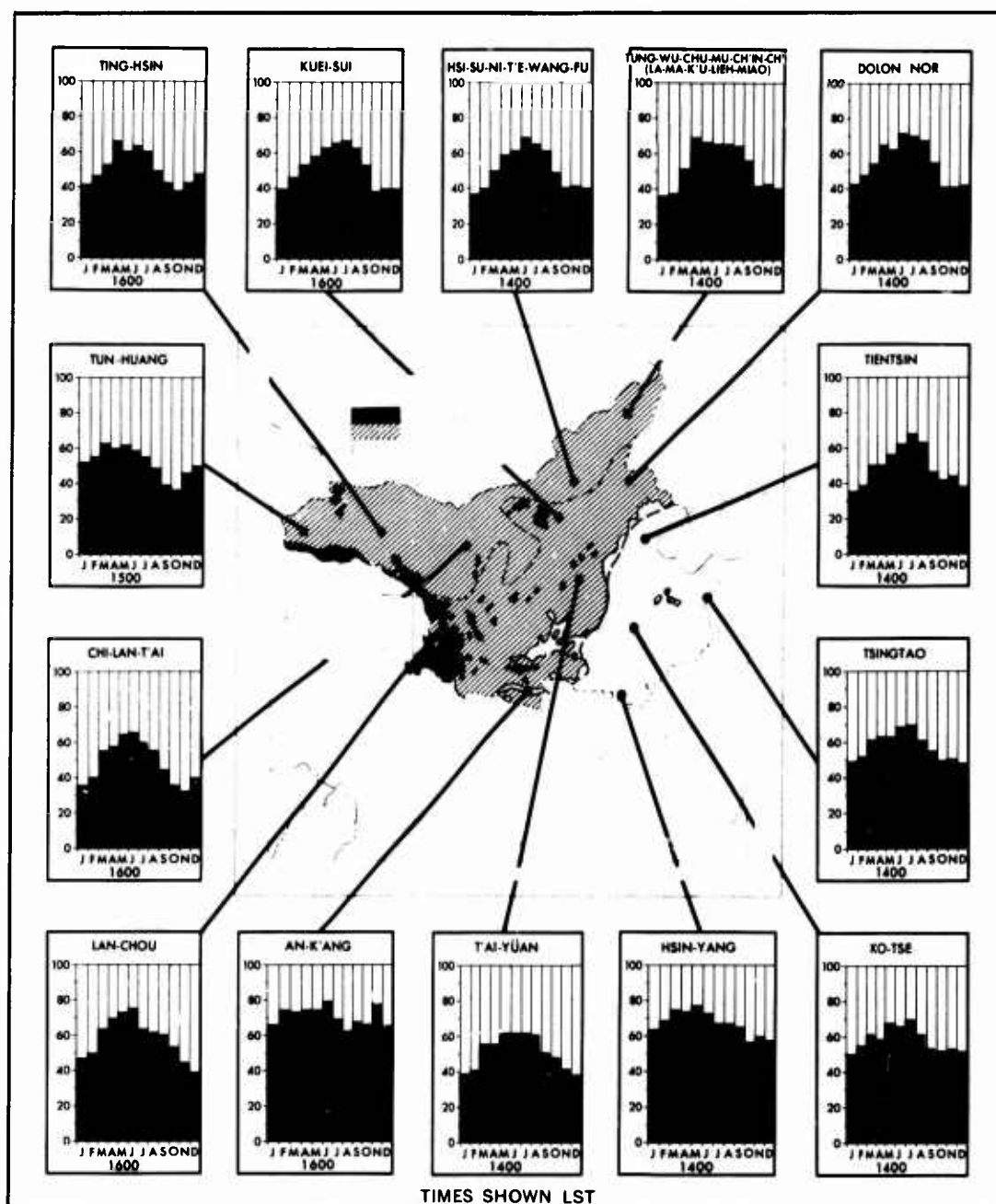


FIGURE 4. MEAN CLOUDINESS (%) IN AFTERNOON. (For tabular data see FIGURE 21.)

monthly average cloudiness seldom drops below 60%, even during late autumn and winter. In general, the central portion of the Northern Plateau Region is the least cloudy part of the Area, averaging about 40% annual cloudiness.

Several cloud types are common throughout North China, varying mainly with the seasons. During the winter monsoon, clouds are mostly stratiform; stratocumulus is the prevalent type. However, a variety of other cloud types probably accompany low-pressure systems across the Area, particularly near the coast and over the Shantung Peninsula. During the summer monsoon, stratus, stratocumulus, nimbostratus, cumulus, and

cumulonimbus are the cloud types most frequently observed. Cumulus and cumulonimbus clouds are most often afternoon phenomena over the flat terrain of the Eastern Plain and Hills and Northern Plateau Regions; afternoon convection resulting from strong solar heating is the main source of lift. Although afternoon convection is also important over the Central Highlands, the orographic lift of the moist air over the mountains is even more significant. Therefore, while vertically developed clouds in this region are probably most frequent during the afternoon, they are also possible at other times.

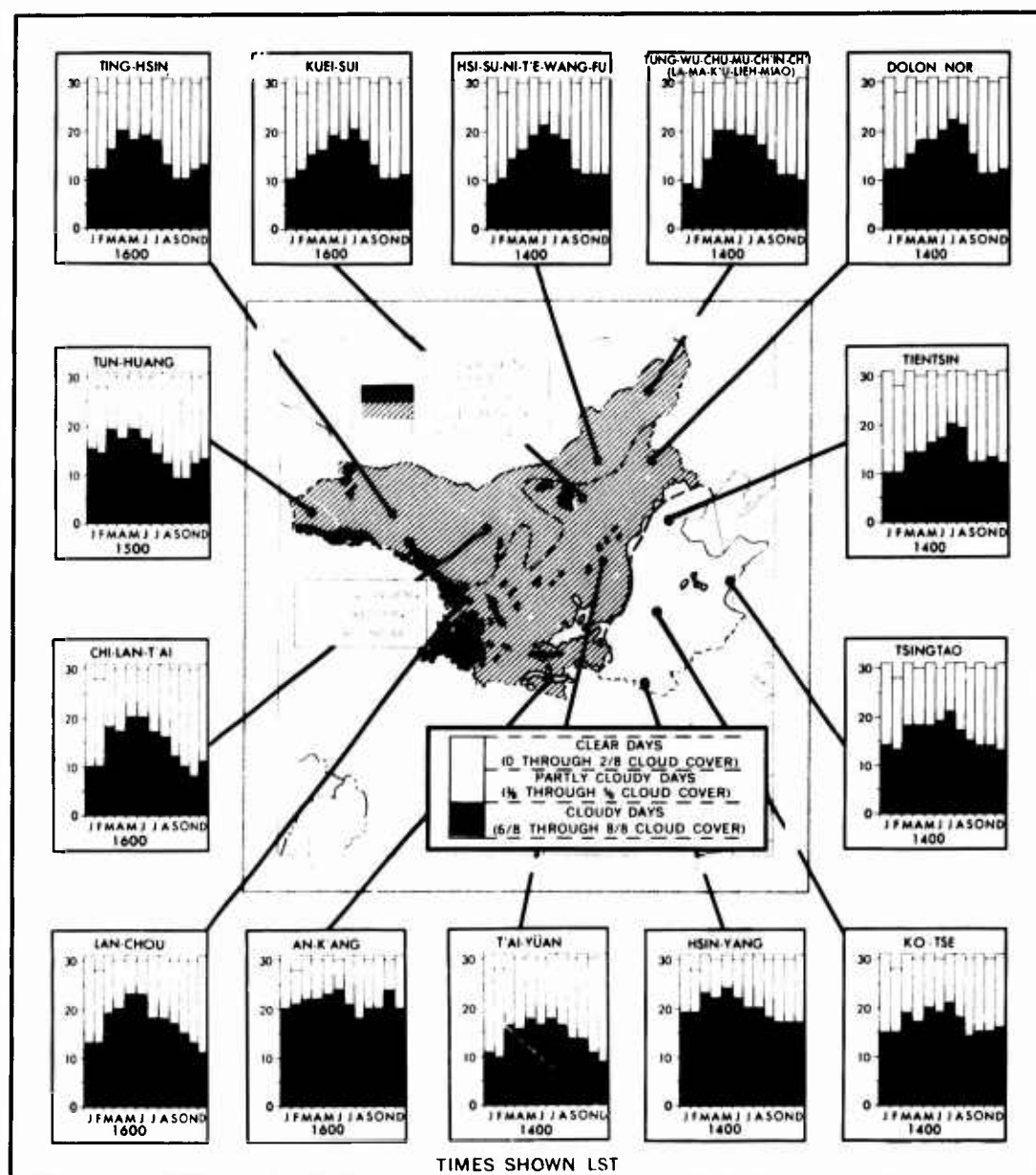


FIGURE 5. MEAN NUMBER OF CLEAR, PARTLY CLOUDY, AND CLOUDY DAYS IN AFTERNOON. (For tabular data see FIGURES 22 and 23.)

The diurnal variation of mean cloudiness is not great. Most of the Area has about 10% to 25% diurnal change in mean cloud cover throughout the year. This change increases to about 20% to 30% in spring over the Northern Plateau Region. In general, minimum cloudiness over the Area occurs at night in all seasons. Although the minimum is observed most frequently around midnight, some stations record least cloudiness during the evening or early morning in autumn and winter. Maximum cloudiness occurs mainly during the afternoon at most locations throughout the year. However, several stations, mostly in the southern part of the Central Highlands, experience a morning maximum.

Throughout North China, the mean number of clear days (days with equal to or less than 2-eighths cloud

cover) is generally greatest while the Area is under the influence of the winter monsoon and least during the summer monsoon. This seasonal variation is well marked in most places. The extreme southern portion of the Area is an exception, with only slight seasonal changes. While there are considerable variations within each region, the general trend in distribution of clear days is similar to that of mean cloudiness. As a general rule, clear days are observed least often over the southern portion of the Area, especially in winter. The southern stations experience about 5 to 10 clear days per month in summer and 10 to 15 per month in winter. Frequencies increase northward, although the pattern is somewhat erratic because of local influences. Clear skies are most often observed over the deserts of

the Northern Plateau Region where the frequency of clear days varies from about 7 to 15 per month in summer to 15 to 25 in most winter months. Most sections have a decided diurnal variation in clear conditions with a maximum sometime after midnight and a minimum in the afternoon.

The feasibility of air operations such as high-level visual bombing and aerial photography is greatly dependent upon cloud cover and visibility. One combination of favorable cloud and visibility conditions (2-eighths or less cloud cover with $2\frac{1}{2}$ miles or greater visibility) is given in tabular form in FIGURE 24.

b. THUNDERSTORMS AND TURBULENCE — Thunderstorms over North China are primarily a summertime phenomenon, as shown in FIGURES 6 and 25. Most of the thunderstorm activity throughout the Area starts

in April, with occurrences on 1 or 2 days during the month; in the Northern Plateau Region, thunderstorm activity starts later and is less frequent. A maximum is usually reached during the summer when there are as many as 5 to 15 thunderstorm days in some months at most locations; however, over the Northern Plateau many locations average 3 or less per month. Activity decreases greatly by the end of autumn, and thunderstorms are rare during most of the winter months. Over the Northern Plateau, November through February are completely free of thunderstorm activity. The Eastern Plain and Hills Region records about 10 to 30 days with thunderstorms annually. In general, the Central Highlands Region experiences the greatest number of storms, with most stations recording an annual average of about 15 to 40 thunderstorm days. Kuo-hsien, situated in the

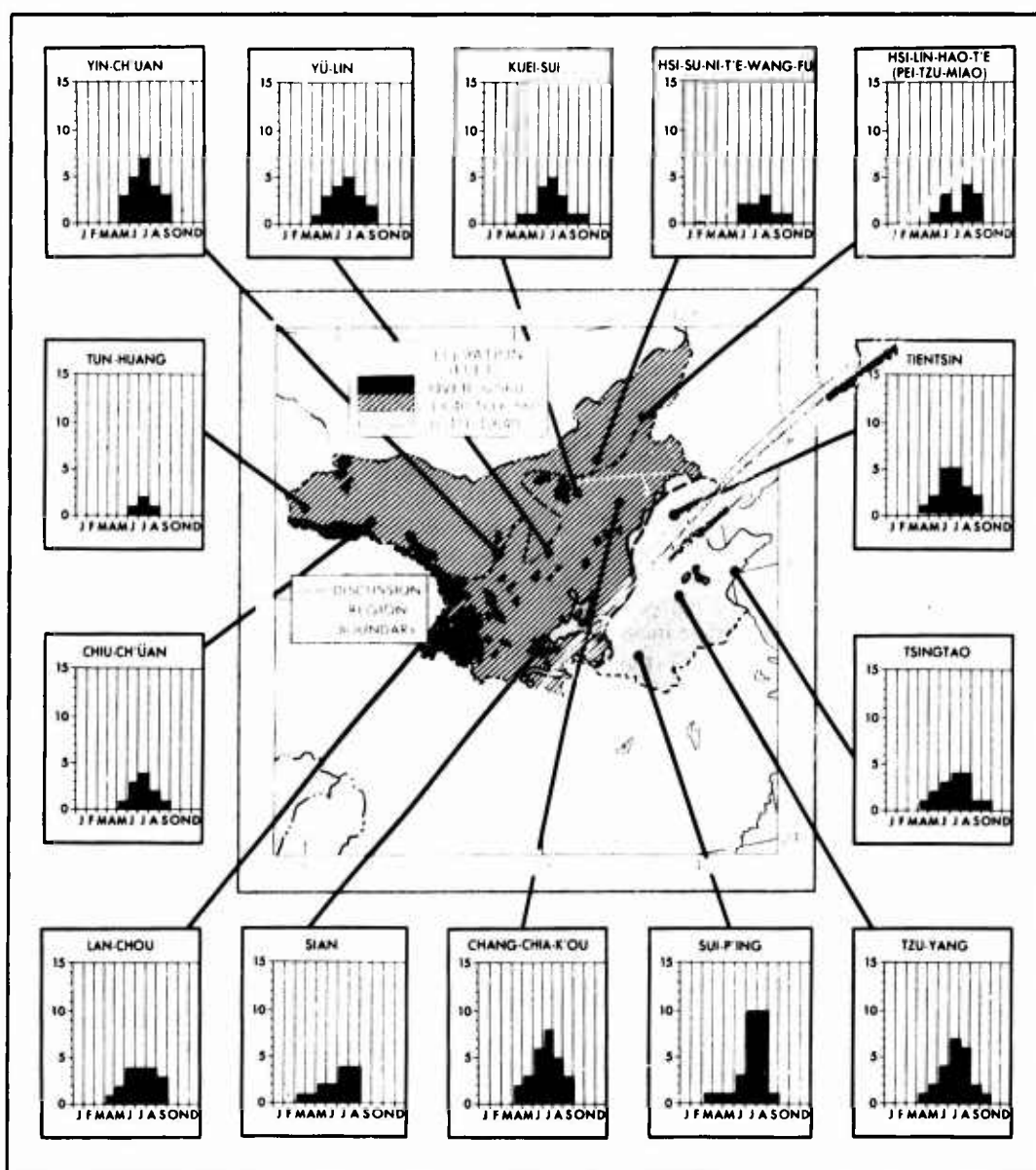


FIGURE 6. MEAN NUMBER OF DAYS WITH THUNDERSTORMS. (For tabular data see FIGURE 25.)

central part of this region, is the stormiest location in North China, with thunderstorms occurring on 56 days annually. The Northern Plateau Region records least thunderstorm activity of the Area. Although most stations in this region average about 5 to 10 thunderstorm days each year, some southern locations bordering the Central Highlands have about 20 to 40 such days annually.

Thunderstorm activity in this NIS Area is most frequently of convective or orographic origin or a combination of both. The few storms experienced in winter result from passage of frontal systems. During the remainder of the year, frontal thunderstorms account for only a small percentage of the total. While the Area is under the influence of the moist and unstable air masses of the summer monsoon, afternoon convection is the important lifting agent over the flat terrain in the east and north. Therefore, maximum thunderstorm activity is probably experienced during the afternoon, when solar radiation is greatest. Along the coast, however, the moderating effects of the cooler seas tend to reduce or retard convective activity to some extent. In the Central Highlands the orographic lift of the mountains, coupled with afternoon convection, creates the greatest frequency of activity. Because of the orographic effects in this region, thunderstorms are not limited to the afternoon but may occur earlier in the day or later in the evening. During the summer monsoon, cumulonimbus clouds probably extend to 30,000 feet or more, particularly over the Central Highlands. Thunderstorms are believed to be most intense in the southern part of the Central Highlands. However, throughout North China storms associated with migratory low-pressure systems during the summer may be equally severe.

Turbulence may be encountered throughout most of the year over various parts of North China, resulting from thunderstorms, convection, fronts, or strong winds blowing over mountainous terrain. Turbulence can always be expected in thunderstorms, and at times it may reach to great heights. Thunderstorm turbulence is likely to be most severe in summer storms over the southern parts of the Central Highlands and in storms associated with frontal passages throughout North China. Thermal turbulence, caused by solar heating of the earth's surface, is especially significant in summer. Considerable low-level turbulence may be experienced over North China, particularly during hot summer afternoons over the deserts of the Northern Plateau. The altitude to which thermal turbulence extends is influenced not only by the elevation and character of the underlying surface and the amount of surface heating, but also by the stability of the air mass within which it occurs. At times, thermal turbulence in summer may extend several thousand feet above the surface. Frontal turbulence may be encountered over the Area at any time of the year. It is not only significant in frontal thunderstorms during the summer monsoon but is also important during the winter. Outbreaks of cold air

often create widespread turbulent conditions along and behind a winter cold front; turbulence may be quite strong and extend to several thousand feet. Orographic turbulence is possible at almost any time of the year over the rough terrain of the Central Highlands. Its intensity is directly related to the strength of the wind, and at times it may become severe when winds attain high speeds in the layers 2,000 to 3,000 feet above the surface.

c. UPPER-AIR WINDS — The upper-air wind regime over North China is presented pictorially at 5 selected levels for the two major seasons. Wind roses representative of the winter monsoon are shown in FIGURE 53A and for the summer monsoon in FIGURE 53B.

The winds in the lower few thousand feet above the earth's surface are strongly influenced by the frictional effects of the underlying surface, especially over the Central Highlands, and to some extent by migratory low-pressure systems crossing the Area. They also often resemble the prevailing flow of the winter and summer monsoons. However, little evidence of these influences remains at 10,000 feet in winter, except in the higher mountains of the southwest where winds are variable; west to northwest winds prevail over the remainder of the country. The westerlies become well established over all of North China at 19,000 feet and extend to at least 54,000 feet during winter. During summer, wind directions are variable to a greater height. The prevailing westerlies become apparent at the 19,000-foot level and persist to at least 40,000 feet. Although westerly winds still prevail at 54,000 feet over the western half of the Northern Plateau, winds over the southeast become quite variable.

Throughout the year, upper-air wind speeds increase with increasing altitude up to about 40,000 feet; speeds generally decrease above this level. Winter is the season of strongest winds at all levels over the Area except over the western Northern Plateau, where summer wind speeds at 30,000 and 40,000 feet equal or exceed those of winter. During winter, mean wind speeds over most of North China range from about 15 to 30 knots at 10,000 feet to about 70 to 100 knots at 40,000 feet before decreasing at higher levels. In summer, the period of weakest upper-air flow over most of the country, mean wind speeds vary from about 10 to 15 knots at 10,000 feet to about 45 to 55 knots at 40,000 feet. However, over the western part of the Northern Plateau, wind speeds at 30,000 and 40,000 feet average about 35 to 45 knots in winter and about 40 to 65 knots in summer. Mean speeds throughout the year are appreciably exceeded at times. For example, in winter, at the level of strongest winds, about 40,000 feet, speeds in excess of 100 knots occur as much as 35% to 40% of the time over the southeastern part of the Area; over the northwest, however, winds over 100 knots have not been observed. In summer, winds greater than 100 knots over all the Area occur less than 10% of the time at this level. Winds exceeding 100 knots are rare below about 20,000 feet in all seasons.

d. UPPER-AIR TEMPERATURES AND AIRCRAFT ICING -

A graphical representation of the mean monthly upper-air temperatures, pressures, and tropopause heights over North China is shown in FIGURES 7 through 9 for Peiping, Sian, and Tun-huang. The seasonal variations in upper-air temperatures are well marked, but regional variations are relatively small. Throughout the Area the midsummer mean monthly temperatures aloft exceed those for midwinter by about 25 to 30 Celsius (Centigrade) degrees at 5,000 feet. This variation decreases to about 15 to 25 degrees between 30,000 and 40,000 feet and almost completely diminishes before reaching 50,000 feet where the mean temperature remains near -60°C . the year round. Areal variations in mean temperature during the summer months are

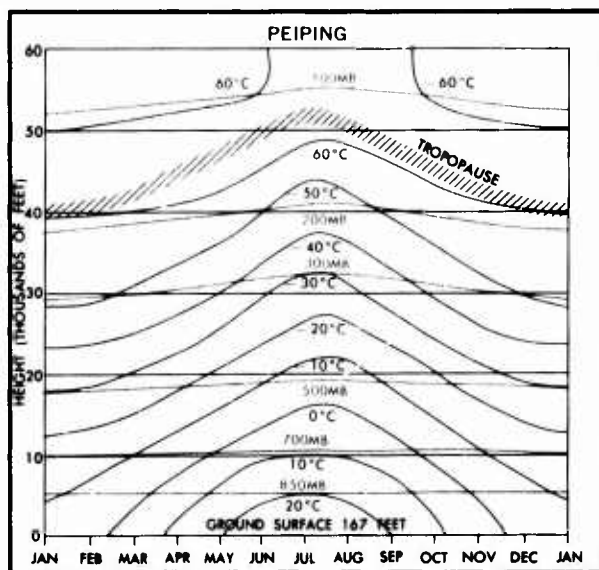


FIGURE 7. MEAN MONTHLY UPPER-AIR TEMPERATURES AND PRESSURES AT PEIPING

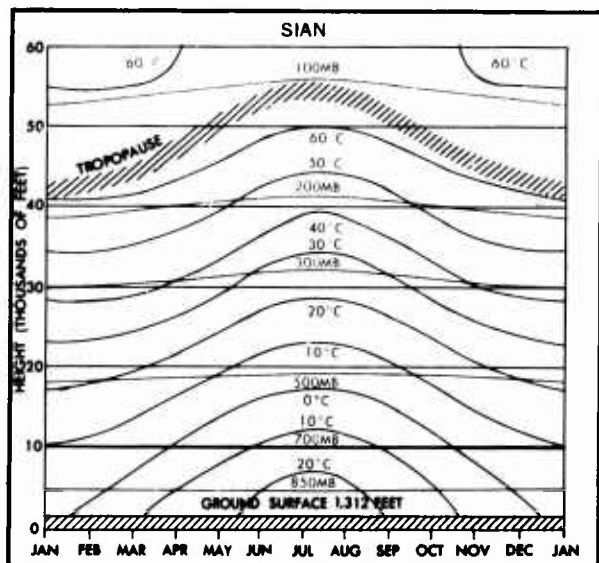


FIGURE 8. MEAN MONTHLY UPPER-AIR TEMPERATURES AND PRESSURES AT SIAN

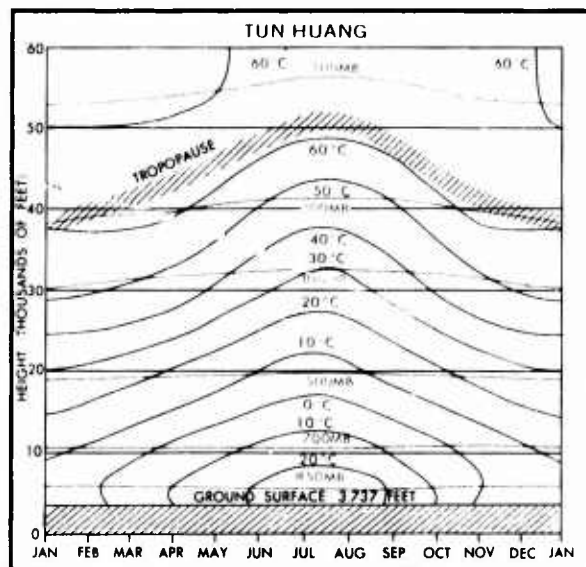


FIGURE 9. MEAN MONTHLY UPPER-AIR TEMPERATURES AND PRESSURES AT TUN-HUANG

small, but increase slightly in winter. The only appreciable change in temperature occurs below 40,000 feet. Peiping, located in the northeast, has temperatures below this level 4 to 6 degrees colder in summer at any given height than at Sian, located in the south, and 7 to 9 Celsius degrees colder in winter; values at Tun-huang in the northwest usually range between the two.

The tropopause, the boundary between the troposphere and stratosphere, is usually characterized by an abrupt change of lapse rate. At this altitude the normal decrease of temperature with height ceases to exist and may even reverse. Over North China, the tropopause slopes slightly upward from north to south. It is highest in midsummer, ranging from about 50,000 feet in the north to about 54,000 feet in the south. In mid-winter the height of the tropopause is much lower, ranging from around 39,000 feet in the north to about 42,000 feet in the south.

The mean freezing level over the southern part of North China increases in height from the surface in late January to about 17,000 feet in July, lowering again to the surface by late December. With increasing distance northward, the period during which the mean freezing level is near the surface becomes greater. In the far north, it increases in height from the surface in March to about 15,000 feet in midsummer and lowers again to the surface in November. However, during winter the actual daily height of the freezing level may rise well above the surface at times, particularly in the south.

Aircraft icing is primarily dependent on two parameters, temperature and moisture. Ice is formed when supercooled water droplets at temperatures between about 0°C . and -20°C . strike the exposed surface of an aircraft. The type of icing encountered is largely dependent on drop size, rate of accretion, and tempera-

ture. Factors which favor clear ice formation are temperatures from 0° C. to -4° C., rapid accretion, and large drop size, normally found in cumuliform clouds. Rime ice formation is favored by small drop size as found in stratiform clouds, slow accretion, and temperature around -10° C. or colder. However, at temperatures of -20° C. or colder the moisture content of the air is too low for all but very light rime icing. Therefore, minimum icing conditions can be expected during the winter monsoon mainly because of lack of moisture and clouds. Since winter cloudiness is frequently stratiform, rime ice is the type most likely to occur and is primarily limited to levels up to roughly 15,000 feet above mean sea level, the mean height of the -20° C. isotherm. The greatest winter icing hazard probably lies in the lower few thousand feet above the surface where the temperature is a few Celsius degrees below freezing, and especially within migratory low-pressure systems where cloudiness is usually greater. The icing hazard increases as the summer monsoon approaches with the advent of moist air masses and cloudiness. Not only rime ice but also heavy clear ice may be expected, since clouds are often cumuliform. The levels where icing is most likely to be encountered lie between about 8,000 and 25,000 feet above mean sea level in spring, increasing to about 16,000 to 27,000 feet in midsummer before gradually lowering during autumn to the winter minimums.

2. Air-ground operations

a. LOW CLOUDINESS AND CEILINGS — Low cloudiness is a significant factor in planning air-ground operations over North China. Such operations usually require certain cloud ceiling heights for their successful accomplishment. Frequencies of cloud ceilings below about 5,000 feet are shown graphically in FIGURE 10 for selected stations in the afternoon. FIGURES 26 and 27 give tabular data for cloud ceilings below about 1,000 feet and 5,000 feet at specified hours for a greater number of stations.

As shown by the data, ceilings below about 1,000 feet are generally infrequent, occurring on 5% or less of the observations at most locations throughout the Area; seasonal and diurnal variations are also minor. The main exceptions occur in the southern part of the Eastern Plain and Hills Region where coastal stations observe ceilings below about 1,000 feet as much as 40% of the time during summer, particularly in the early

morning. At these locations, the frequency of low ceilings reaches a minimum in winter, occurring on less than about 10% of the observations. Some inland stations in the southern part of this region also experience appreciable low ceilings during the winter months, when ceilings below about 1,000 feet occur up to about 15% of the time. In addition, a few locations in the southern half of the Central Highlands Region experience a noticeable increase of these low ceilings, primarily in the early morning about the time of sunrise; frequencies range to about 10% of the observations.

The frequency of ceilings below about 5,000 feet varies considerably over the Area, depending on location, exposure, and elevation; therefore, a discussion of regional variations is somewhat difficult. In general, however, ceilings of this height are least frequent throughout the year over the western part of the Northern Plateau Region and increase in frequency in a more or less irregular pattern southeastward and eastward. Over all of North China, ceilings below about 5,000 feet occur least often in winter, usually on less than 5% of the observations in the west, increasing to about 15% to 25% at some locations in the southeast and east. Throughout the Area, ceilings this low usually occur most often during summer when they are observed up to about 15% of the time in the west and generally reach a maximum of 50% to 60% at some eastern locations. Diurnal variations do not follow a distinct pattern but fluctuate from place to place and from season to season. However, over much of the Area there is a general tendency for ceilings below about 5,000 feet to occur most often during early afternoon and least often around midnight.

In some types of air-ground operations, the frequency of clear and cloudy days, considering the cloudiness at low levels, may also be important. Tabular data on the frequency of clear days primarily at low levels are presented in FIGURE 28. Days in this category have 2-eighths or less low clouds, which are defined as the lowest existing cloud layer reported, excluding cirrus type clouds. These days are normally favorable for most types of air-ground operations. The mean number of cloudy days at lower levels is given in FIGURE 29. Days in this category have 6-eighths or more cloud cover, also defined as the lowest cloud layer reported, excluding cirrus type clouds. These conditions are probably least favorable for air-ground operations. The data in FIGURE 28 indicate that at most locations throughout North China favorable days generally occur least often during the summer. Skies are free of low clouds most often in the northwest, on practically all the days in winter and about three-fourths or more of the days in summer. The frequency of clear skies at low levels reaches a minimum in the east and southeast where they are observed on about three-fourths or more of the days in winter and one-third to one-half of the days at some locations during the worst summer months. In all seasons, exposed windward slopes have fewer clear days at low levels than the lee slopes. Diurnal variations are not pronounced in winter but are often well marked

NOTE Air-ground operations are defined as those operations taking place within the friction layer above the earth's surface or those primarily influenced by the meteorological conditions existing within that layer. The meteorological elements discussed in this Subsection are those which are of primary importance to such operations as parachute drops, chemical and biological warfare, tactical support, low-level reconnaissance, and air rescue. The success or failure of many of these operations may also depend to a large degree upon the behavior of elements above the friction layer or near the surface. A detailed discussion of such elements may be found in Subsections B, 1 and B, 3.

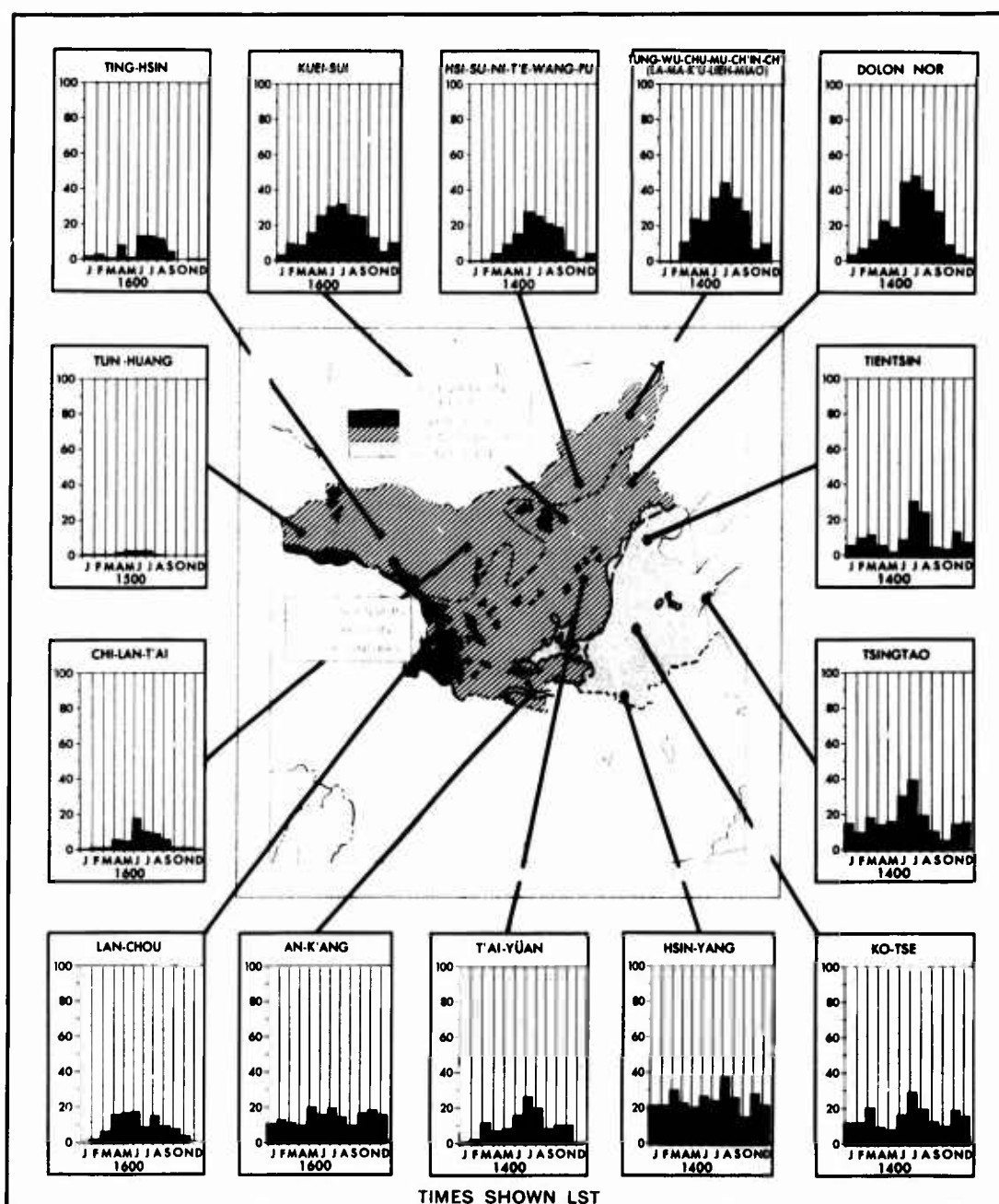


FIGURE 10. PERCENTAGE FREQUENCY OF CEILING HEIGHT $\geq 4,920$ FEET IN AFTERNOON. (For tabular data see FIGURE 27.)

in summer, varying with location, exposure, and elevation. In general, clear conditions are usually most frequent at night and least frequent in the afternoon.

b. **VISIBILITY** — Visibility is generally good over North China much of the time. Although limited restrictions occur throughout the year, very low visibility which would prevent or seriously hinder air-ground operations is infrequent at most locations. The percentage frequency of visibility less than 6 miles in the afternoon is shown in FIGURE 11 for selected stations. FIGURES 30 and 31 give tabular data on the frequency of visibilities less than $2\frac{1}{2}$ miles and 6 miles, respectively, for

a greater number of stations at several hours of the day.

In the Eastern Plain and Hills Region, visibility less than $2\frac{1}{2}$ miles is generally most frequent in winter, when most inland locations observe visibility this low as much as 15% of the time, and least frequent in summer, occurring less than 5% of the time; summer frequencies range to about 10% in the early morning at a few locations. The seasonal trend is reversed along the coast, where winter frequencies are smallest, usually less than 10%; in summer, visibility less than $2\frac{1}{2}$ miles is observed up to about 20% to 30% of the time, par-

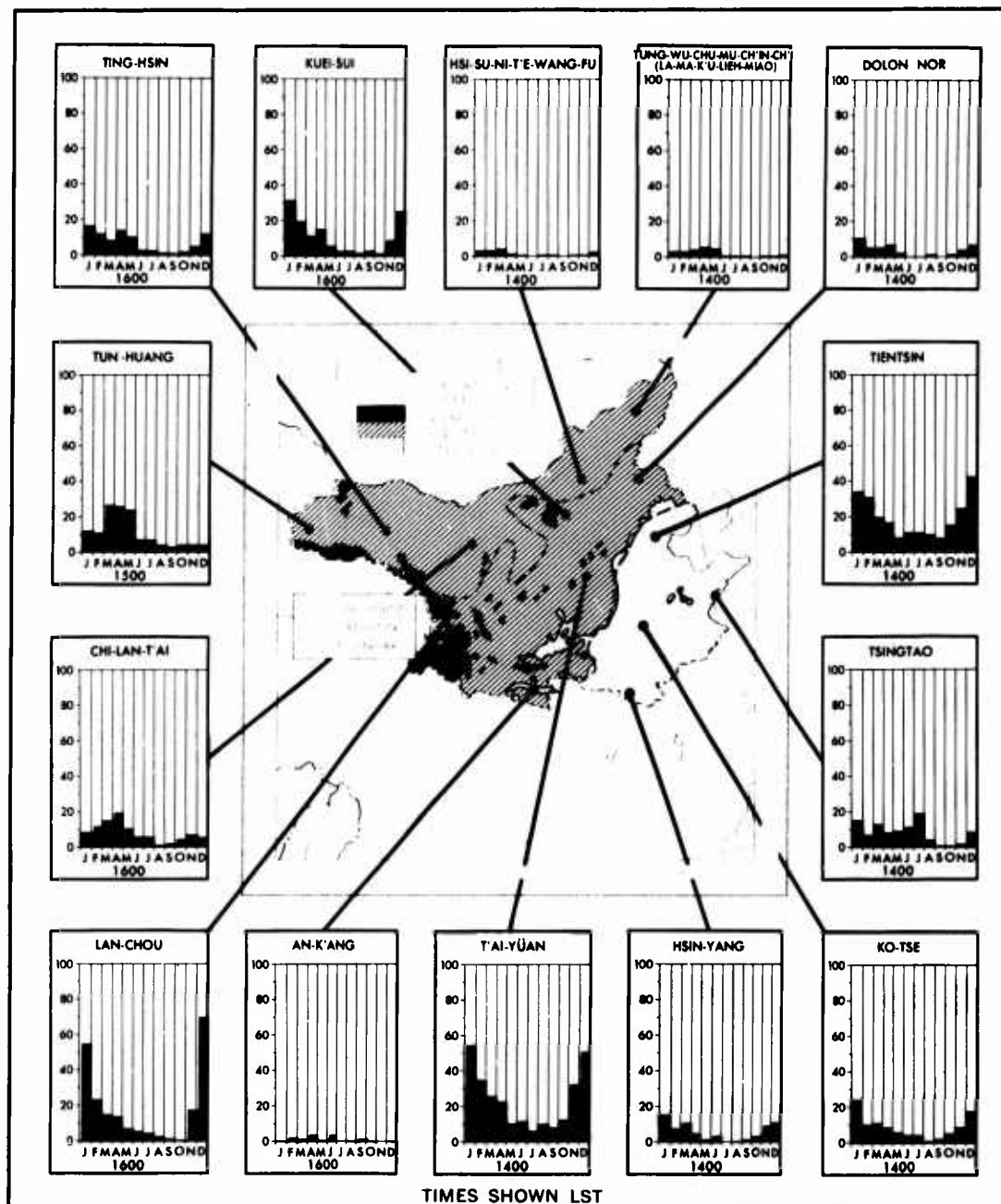


FIGURE 11. PERCENTAGE FREQUENCY OF VISIBILITY < 6 MILES IN AFTERNOON. (For tabular data see FIGURE 31.)

ticularly in the early morning. Most locations record highest frequencies near sunrise and lowest frequencies in the afternoon. Visibility less than 6 miles follows very similar seasonal and diurnal patterns, but frequencies are considerably increased, ranging to more than 50% of the time at some locations, depending on the season and time of day; these high frequencies result from the frequent incidence of dust and haze.

Over the Central Highlands Region visibility is less than 2½ miles infrequently in summer, usually occurring on less than 5% of the observations; some southern locations experience visibility this low about 15% of

the time near sunrise. Winter frequencies are generally greatest, as much as 10% of the observations at most locations, while a few stations record visibility less than 2½ miles about 30% to 40% of the time. The pattern of diurnal variation is not distinctive, but differs from place to place and from season to season. Visibility below 6 miles follows a similar seasonal trend, with generally maximum occurrences in winter and a minimum in summer. However, frequencies vary widely from station to station throughout the year, with the most restrictions at locations in the southern part of the region, where visibility below 6 miles is observed as

much as 80% of the time, especially in the early morning.

The Northern Plateau Region, on the whole, experiences the best visibility of the Area. Visibility is seldom less than $2\frac{1}{2}$ miles in the summer. During the remainder of the year, visibility less than $2\frac{1}{2}$ miles is more frequent, but it generally occurs less than 5% of the time. However, a few locations record such visibility up to about 10% of the time during winter and spring afternoons. The frequency of visibility below 6 miles seldom exceeds 25% of the observations; frequencies greater than 25% are normally winter and spring phenomena. Diurnal variations are not pronounced, although there is a slight trend toward an afternoon maximum and a night minimum.

The principal restrictions to visibility in North China are blowing dust and/or sand, the associated yellow haze, and fog. Tabular data showing the frequency of duststorms and/or sandstorms at specified hours are given in FIGURE 32. The data show these restrictions to visibility occur most often in winter and spring throughout the Area. Maximum frequencies are generally observed during winter and spring afternoons, ranging up to about 5 days per month in the Eastern Plain and Hills and to about 10 days per month in the other two regions. Although duststorms and/or sandstorms may occur from time to time during the remainder of the year, they are highly infrequent, particularly over the Eastern Plain and Hills. During these storms, visibility may often be lowered to less than 1 mile and at times, in severe storms, to several hundred yards. After the storm has passed, the dust usually thins out into a yellow haze which may continue to restrict visibility to some extent for a considerable period of time.

FIGURE 33 gives tabular data on the mean number of days with fog restricting visibility to less than $\frac{1}{2}$ mile. In general, the data show that dense fog occurs most frequently and consistently in the Eastern Plain and Hills Region. Practically all stations record more than 10 days annually with fog, and several locations have 30 or more days; frequencies are generally highest over the southern half of the region. Although fog occurs with varying frequency from place to place throughout the year, many inland stations observe a slight winter maximum, ranging up to about 10 days per month; coastal locations south of the Shantung Peninsula experience an equal summer maximum. In general, the Central Highlands has fewer days with fog. Most locations observe less than 10 days annually, although several stations, mostly in the south, record a much greater number; the annual variation is not consistent at all locations, but a trend toward a winter maximum of days with fog is evident. Some higher locations experience a summer maximum which probably results from low clouds obscuring the mountain slopes. The Northern Plateau Region has the lowest frequency of foggy days. Some stations report several months of the year without fog, while others have 1 or 2 days in each month with fog.

Radiation fog is the most common type over the interior, especially in winter, forming during the night and dispersing shortly after sunrise. Sea fogs are frequent along the coast, mainly in spring and summer. North of the Shantung Peninsula sea fogs are not as frequent or intense as in the south. They do not extend far inland, but may last throughout the day. The frequency of sea fog is considerably greater south of Shantung Peninsula, especially in spring and summer, when the warm moist air flows northward over the relatively cold coastal waters. Here these fogs are widespread and may extend many miles inland before dispersing or lifting to form low stratus clouds.

Visibility is also restricted for short periods during heavy summer rainshowers throughout North China. Although snow is not a frequent cause of low visibility over most of the Area, winter depressions sometimes bring intense blizzards, especially over the Shantung Peninsula, which may appreciably reduce the visibility. Smoke near the larger cities, particularly the industrial centers, also reduces visibility locally.

C. COMBINED CEILING AND VISIBILITY — The simultaneous occurrence of ceiling and visibility above or below specific limits is important to several types of air-ground operations. Conditions are favorable for certain types of air-ground operations, including landings and takeoffs of most aircraft, when the ceiling is approximately 1,000 feet or higher and visibility is $2\frac{1}{2}$ miles or greater. The frequency of this favorable combination, along with other combinations of lower limits, is presented graphically in FIGURE 12 and by tabular data in FIGURE 34.

In general, favorable conditions (ceilings 1,000 feet or more and visibilities $2\frac{1}{2}$ miles or more) are most frequent in summer over most of North China. However, the reverse is true in the coastal sections of the Eastern Plain and Hills, particularly south of the Shantung Peninsula, where favorable conditions are most frequent during winter, usually occurring more than 90% of the time; summer frequencies range between about 65% and 95%. Favorable conditions over the inland parts of this region are recorded at most locations more than 95% of the time in summer, but in winter, frequencies often drop to the mid 80's. Over the Central Highlands, summer frequencies of favorable conditions usually range above 95% except at a few southern locations, where they drop to the low 80's in the early morning. During winter much of this region, especially the northern part, observes favorable conditions over 95% of the time, while at a few stations in the south, frequencies sometimes drop to the 60's. In this region, terrain is an important factor. The elevation and location of a station in a sheltered valley, or on the lee or windward slope of a mountain, may cause considerable variation in favorable ceiling and visibility combinations. The Northern Plateau Region records favorable conditions over 90% of the time in winter and over 95% of the time in summer.

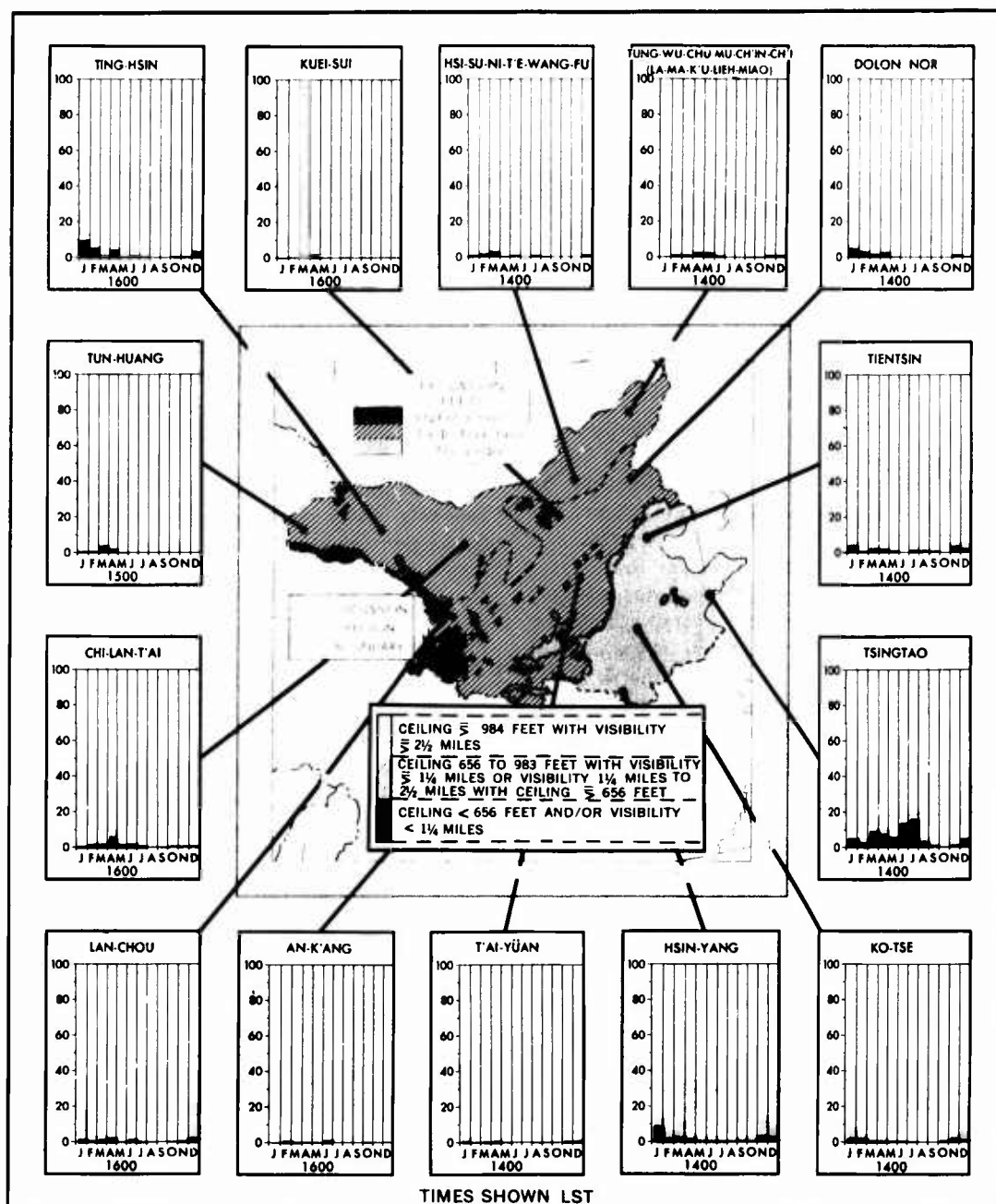


FIGURE 12. PERCENTAGE FREQUENCY OF SPECIFIED CEILING AND VISIBILITY COMBINATIONS IN AFTERNOON. (For tabular data see FIGURE 34.)

d. SURFACE WINDS — Many types of air-ground operations are to some extent affected by surface wind. Although the surface winds over North China are influenced by a number of factors, they are controlled primarily by large-scale semipermanent pressure systems, migratory pressure systems, and topography. FIGURES 13 and 14 present surface wind roses for the periods December through February and June through August. Local terrain is often decisive in the Central Highlands and Northern Plateau Regions. Winds at most locations in these regions often reflect the orientation of the mountains and valleys, especially if the orientation approaches

that of the prevailing winds. Therefore, the wind roses are frequently representative of the locality of the indicated station rather than of the region.

Although gale-force winds (winds equal to or greater than 28 knots) occur at intervals throughout the Area, primarily accompanying winter and spring cold fronts, summer thunderstorms, and occasional typhoons, their frequency is too low at most reporting stations to show appreciably in mean monthly tabulations. However, some indication of strong winds may be derived from FIGURE 35, which gives the maximum surface wind speed at many locations throughout the Area. These data

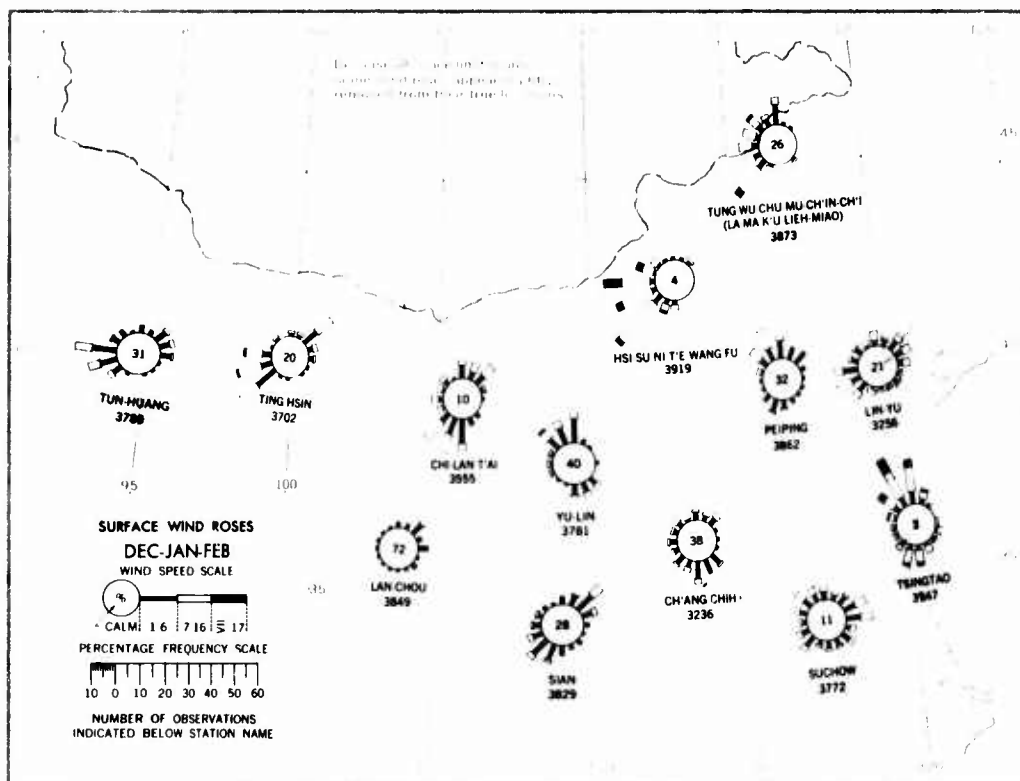


FIGURE 13. SURFACE WIND ROSES, DECEMBER-FEBRUARY

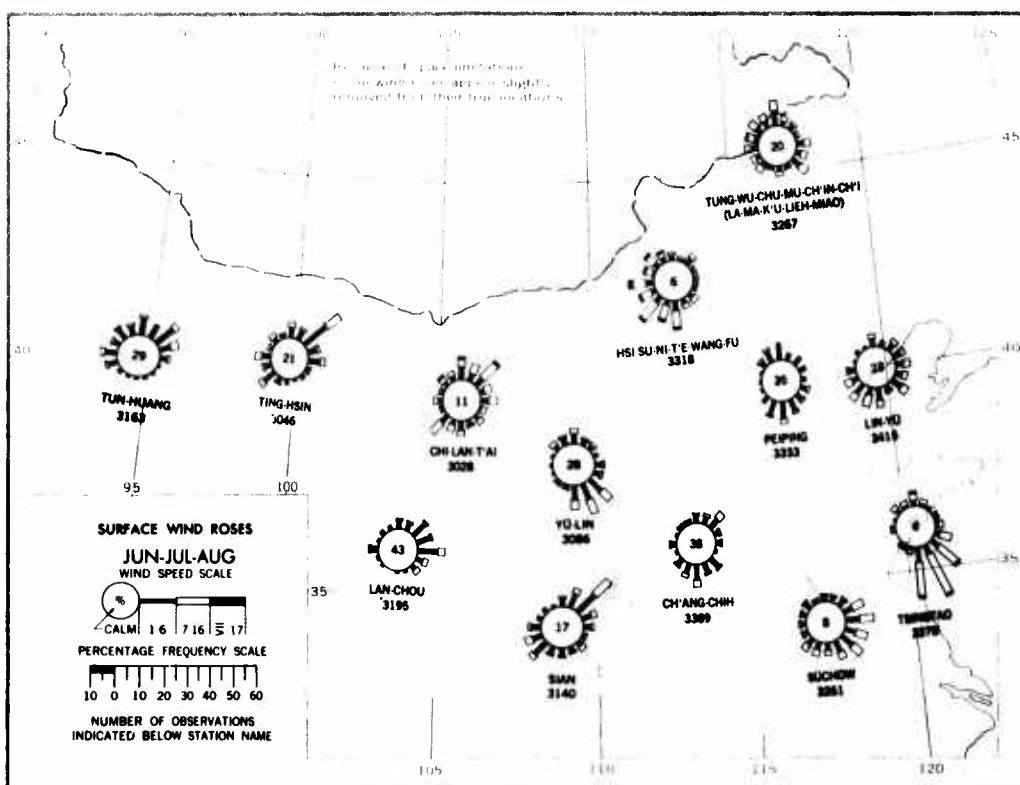


FIGURE 14. SURFACE WIND ROSES, JUNE-AUGUST

are somewhat limited in their usefulness, since they are based on eight observations daily and only show the maximum wind as recorded during the time of the observation. In general, these data indicate that the strongest winds occur over the desert plateau of the north and at exposed coastal stations, primarily in winter and spring.

Over the Eastern Plain and Hills Region, surface winds show different patterns in winter and summer. In winter the influence of the northwest monsoonal flow is evident to some extent at Peiping in the north. However, the greatest frequency of northwest winds in winter is observed at exposed locations on the coast. Local influences result in variable surface winds even on the open plains of this region. Winter wind speeds are below 7 knots on about 60% to 80% of the observations and below 17 knots on nearly all of the observations at most locations. Winds are somewhat stronger at exposed coastal sites, especially in the south, where speeds are below 7 knots about 30% of the time and below 17 knots about 85% of the time. Gale-force winds occur from time to time in winter, mainly during the passage of pronounced cold fronts and associated depressions. Exposed coastal locations probably experience the greatest frequency of strong winds. Calm conditions in winter are observed about 20% to 30% of the time in the north, decreasing in the south to about 10% at inland stations and to less than 5% on the coast.

During summer in the Eastern Plain and Hills Region the prevailing surface wind direction at most locations shows the influence of the southeasterly monsoonal flow; this influence is very evident along the southern coast. In general, surface winds are slightly weaker during this season, with speeds below 7 knots occurring on about 60% to 90% of the observations and below 17 knots on nearly all of the observations. Southern coastal locations experience speeds of less than 7 knots about 30% to 35% of the time during summer and speeds below 17 knots about 95% of the time. Gales are less likely during this season and are usually associated with thunderstorms or with the typhoons which occasionally affect the Area, especially along the south coast. Calms occur on about 25% to 35% of the observations in the north, decreasing to about 5% to 10% in the south.

In the Central Highlands Region, terrain strongly affects both direction and speed of surface winds. Local topography produces a great diversity of local currents and eddies, with air currents generally tending to follow the valleys and mountain ranges. Because of factors such as location, exposure, and elevation, even stations within short distances of each other may have marked differences in wind speed and direction. Therefore, it is difficult to generalize the wind distribution over this part of the Area. However, most observation stations experience wind speeds below 7 knots more than 75% of the time and below 17 knots nearly 100% of the time throughout the year. Stronger winds are probably most frequent at high, exposed locations, notably in the cold part of the year. Gale-force winds

often result from the channelling effect on airflow by the mountain passes, and at times from cold downslope motion of air masses. Gales may accompany depressions in any season of the year and can generally be expected with summer thunderstorms. Throughout the year calm conditions in this region are observed about 20% to 40% of the time, except at some sheltered locations such as at Lan-chou in the southwest, where calms in winter are recorded 72% of the time.

Over the Northern Plateau Region, wind direction shows little resemblance to the prevailing seasonal flow, particularly during the winter monsoon. The high hills and mountains lying along the southern border deflect the northerly flow from the Siberian high, so that prevailing west or southwest winds result at many locations in winter. During summer, the hills and mountains of the Central Highlands largely block the large-scale monsoonal flow from the southeast. In addition, the polar front located over the Northern Plateau in summer, together with the local influences, adds to the variability of the surface winds. On the whole, winds are generally strongest in winter, especially in the eastern half of the region, where speeds below 7 knots are observed about 20% to 55% of the time and below 17 knots about 80% to 95% of the time. Western locations record speeds lower than 7 knots about 55% to 80% of the time and speeds below 17 knots more than 95% of the time in winter. Summer speeds average slightly lower at most locations throughout the region. Gales may be associated with summer thunderstorms and with depressions in any season, but they are most likely in winter and spring when strong winds often accompany cold fronts. The strongest winds of the Area have been experienced in this region. During a 4- to 6-year period, Wen-ch'uan in the northeast recorded a 78-knot wind in March and Yin-ch'uan in the southwest recorded 66 knots in February. Calms occur about 5% to 30% of the time, varying from place to place with little seasonal change.

Land and sea breezes are common along the North China coast, primarily during the summer. The sea breeze, which blows from sea to land, is especially welcome during the hot summer afternoons for the relief from excessive temperatures. It usually begins about midmorning, reaches a maximum in the afternoon, and subsides around sunset. Sea breezes are generally strongest along extensive coastal plains where differential heating is greatest, particularly where the direction of the sea breeze coincides with that of the summer monsoonal flow. Under favorable conditions the sea breeze may penetrate a considerable distance inland, sometimes as much as 10 or 15 miles. The land breeze, normally much weaker than its counterpart, blows from the land to the sea. It usually begins during the evening and ceases about sunrise. In enclosed gulfs, such as the Gulf of Chihli, where the prevailing seasonal winds are weak, land and sea breezes are dominant features of the local wind regime. Light mountain and valley winds occur throughout much of the Central Highlands Region. These winds are primarily a

summer phenomenon, resulting from the diurnal heating and cooling of the valleys and adjacent mountain slopes; the winds blow down the valleys at night and up the valleys in the daytime.

Several types of air-ground operations are dependent upon combinations of climatic factors which include surface winds. The frequencies of three such combinations are given in FIGURES 36 through 38. These data may be used to approximate the feasibility of some types of incendiary bombing, chemical warfare, and parachute operations, as well as other allied operations.

e. STABILITY AND LOW-LEVEL TEMPERATURE INVERSIONS—Temperature inversions, situations in which temperatures increase with increasing height, are probably most frequent and intense during the calm periods in winter, when conditions are most favorable. The inversions result in most cases from the widespread radiational cooling of the layer of air nearest the ground. The thickness may vary from a very shallow layer to a few thousand feet, depending on conditions and location. Smoke or other contaminants in the air are usually trapped below the inversion; this occurs most frequently near inhabited locations, especially around the larger industrial cities. When sufficient moisture is present, fog may form within this stable layer. Conditions favorable for the formation of low-level inversions include the prevalence of clear skies, light surface winds, and strong radiative cooling. Snow cover also facilitates the radiative processes. Except in the extreme south, skies are often clear in winter throughout North China. This is especially true in the northwest where the moisture content is low and the clear, transparent air results in rapid cooling of the lower layers. However, in winter the stable conditions over the Area are frequently interrupted by strong outbreaks of cold air from the northwest. Only in protected mountain valleys will they persist for long periods of time. In summer, radiative cooling of the air near the ground is often held to a minimum by the increased moisture and cloudiness, notably toward the southeast. The desert plateaus of the northwest are not as strongly affected by the invading maritime air masses; therefore nocturnal cooling continues to be quite intense throughout the year. However, summer inversions are normally destroyed early in the day by convective processes resulting from rapid solar heating of the air near the ground.

3. Ground surface operations

a. TEMPERATURE—For the most part, North China has hot summers, particularly in the east where little

NOTE Ground surface operations are defined as those operations taking place primarily at or very near the earth's surface. The meteorological elements discussed in this Subsection are those which are of primary importance to such operations as movement of troops and vehicles, selection of clothing and equipment, storage of supplies, and maintenance of armament and equipment. Some meteorological elements which may also have an effect upon this type of operation are discussed in Subsections B, 1 and B, 2.

nocturnal cooling occurs and the temperature at night sometimes remains uncomfortably high. However, with distance inland, mainly toward the northwest, continentality becomes more apparent as the nights become much cooler than the days. Winters are cold throughout the Area; generally they are most severe in the north and decrease in severity with increasing distance southward. FIGURE 15 shows temperature regimes for selected stations in graphic form. The mean daily maximum and minimum temperatures are given in tabular form in FIGURES 39 and 40, while the absolute highest and lowest temperatures are given in FIGURES 41 and 42.

In the Eastern Plain and Hills Region, mean daily maximum temperatures during summer range mostly between 85° F. and 95° F. at inland locations, but, because of the strong sea breeze effect, lower to about 75° F. to 85° F. along the coast. Mean daily maximums in January, the coldest winter month, remain in the 30's and low 40's. Mean daily minimum temperatures usually range between 65° F. and 75° F. in summer, except along the coast, where they are 1 to 3 degrees lower; the January minimums range from the low teens in the north to the upper 20's in the south.

The Central Highlands Region has slightly cooler summers and more severe winters, particularly in the north and at higher elevations. Mean daily maximum temperatures vary in summer from the mid-70's in the northeast to the low or mid-90's at some valley stations in the south. Higher mountain locations are cooler; Wu-ch'iao-ling, located in the southwest with an elevation of around 11,000 feet, records mean daily maximums in the 60's in summer. January, the coldest winter month, brings mean daily maximums ranging from 10° F. at Dolon Nor in the northeast to the mid-40's in the south. Mean daily minimum temperatures in summer are mostly in the 50's and 60's. However, at some southern locations they are in the low 70's, while at mountain stations such as Wu-ch'iao-ling they are in the low 40's. In January, mean daily minimums range from -13° F. at Dolon Nor to the low 30's in the extreme south.

Over the Northern Plateau Region, summer temperatures are somewhat similar to those of the Central Highlands Region, but the winters are generally colder. At elevations below about 6,000 feet mean daily maximums in summer vary from the high 60's in the northeast to the low 90's in the west; in January the range is from -2° F. at Wen-ch'üan in the northeast to the low 30's in the west. In summer, mean daily minimum temperatures are usually in the 50's and 60's, and in January, the coldest winter month, they vary widely, from -24° F. at Wen-ch'üan to 9° F. at Tun-huang in the west.

Temperatures on the high mountains normally decrease with elevation. Although reliable observations are not available, it is probable that, at about 15,000 feet in January, the mean maximums are 5° F. to 15° F. and the mean minimums are -15° F. to -25° F. In summer, mean maximums are probably in

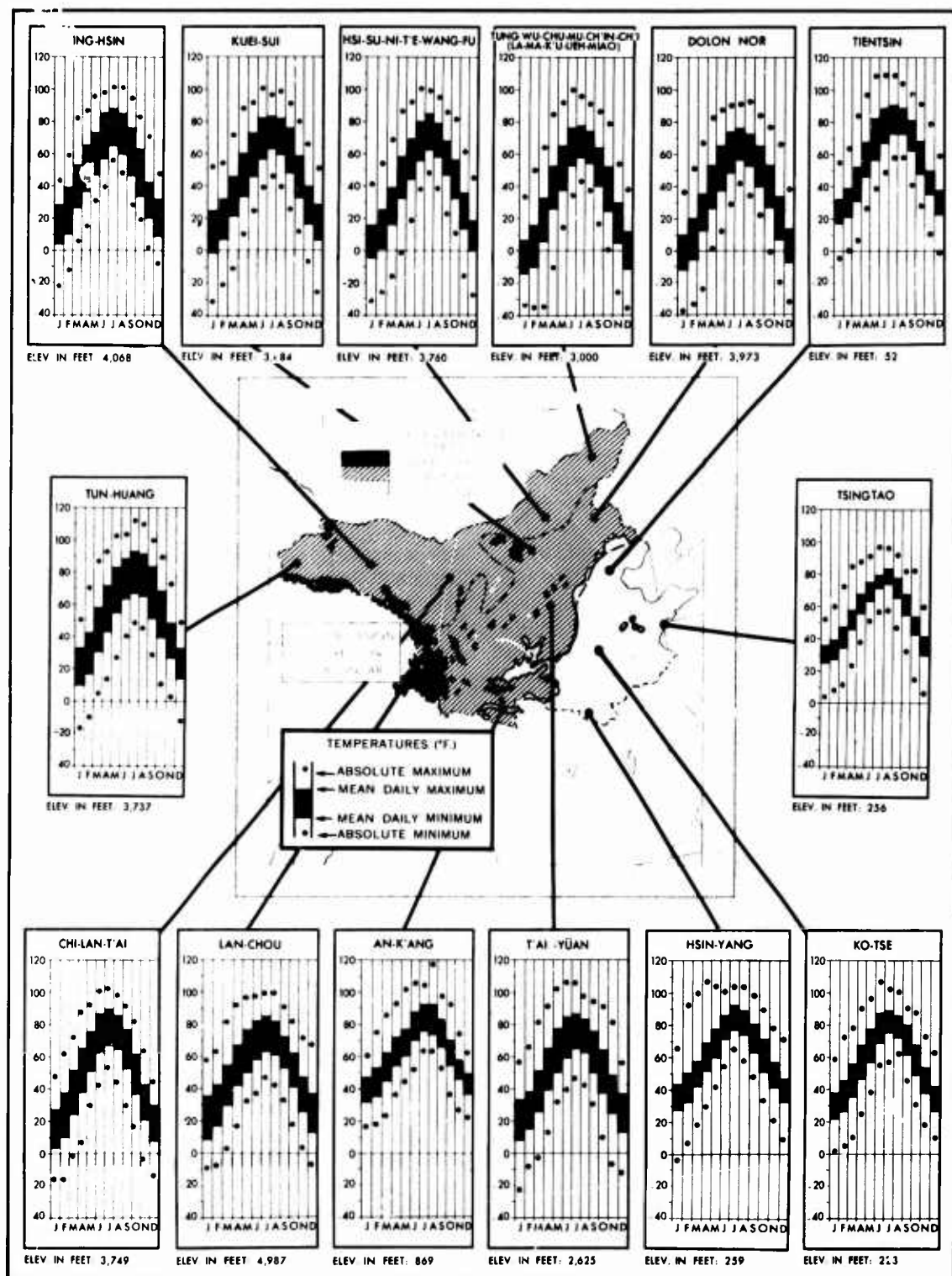


FIGURE 15. TEMPERATURES (° F.). (For tabular data see FIGURES 39 through 42.)

the 40's and 50's and mean minimums, in the 20's or low 30's.

The range between the mean daily maximum and minimum temperatures gives a good indication of the daily temperature changes to which personnel and equipment are exposed. On the average, the range over the Eastern Plain and Hills Region is the smallest in the NIS Area, usually varying between 10 and 25 Fahrenheit degrees. At most locations the lowest ranges are experienced in summer and the greatest ranges in spring or autumn. In the Central Highlands Region the range is appreciably greater, with most stations recording diurnal changes of about 15 to 30 Fahrenheit degrees. The lowest ranges usually occur in summer or autumn and the highest in winter or spring. The Northern Plateau Region on the whole experiences the largest diurnal temperature ranges of the Area, averaging between about 20 and 30 Fahrenheit degrees at all locations. The lowest ranges are in summer or early winter, the highest in late winter, spring, and autumn.

The absolute maximum and minimum temperatures presented in FIGURES 41 and 42 are representative of the extreme temperatures to which personnel and equipment may be subjected in North China. On the whole, extreme maximum temperatures are highest in the Eastern Plain and Hills Region where most locations have recorded temperatures in summer between 100° F. and 110° F. Extreme maximums on the coast are lower, ranging in the 90's or low 100's. In the Central Highlands Region, summer extremes are mostly in the 90's. However, a few locations, mainly in the south, have experienced temperatures above 100° F. The greatest contrast can be seen by comparing the high mountain station Wu-ch'iao-ling, where 80° F. is the highest temperature recorded in 5 years of record, and An-k'ang, a valley station in the south where 118° F. was recorded in 7 to 9 years of record. In the Northern Plateau Region, extreme temperatures recorded at most locations in summer have been between about 95° F. and 105° F. However, Tun-huang in the west has experienced 111° F. in July while Wen-ch'üan in the northeast has not recorded temperatures above 88° F. in 4 to 6 years of record.

Minimum temperatures over North China are usually lowest in January, although a few stations have recorded their extreme minimum in December or February. In the Eastern Plain and Hills Region, where minimum temperatures are not often very low, extremes have been recorded ranging from -16° F. to 6° F. Most locations in the Central Highlands Region have observed temperatures below 0° F. in the coldest winter months. The lowest, -38° F. in January, was recorded at Dolon Nor in the northeast. However, a few sheltered valley stations in the far south do not experience these severely cold temperatures, no extreme on record falling below 15° F. The bitter cold of the winters is strongly felt at most locations throughout the Northern Plateau Region. Extreme minimums in the coldest months range

from about -15° F. to -45° F., the lowest having been recorded in the northeast.

The mean number of days with maximum temperatures 90° F. or more and with minimum temperatures 32° F. or less is given in FIGURES 43 and 44, respectively. In general, the data show that hot summer days are most frequent in the Eastern Plain and Hills Region and freezing winter days most frequent in the Northern Plateau Region. Days with temperatures of 90° F. or more are limited to the period April through October. However, the greatest frequency occurs during the summer, throughout the Area. Days with 90° F. or more in the spring and autumn months are rare over the Northern Plateau Region. During the summer, inland locations in the Eastern Plain and Hills Region observe temperatures 90° F. or greater on about one-third to two-thirds of the days; coastal stations have about 5 such days. Days this hot vary appreciably in frequency over the remainder of the Area, depending on location and elevation. Some locations in the northeast and on the higher mountains experience few, if any, of these hot days. On the other hand, several southern and western locations record 90° F. or more on about one-third to two-thirds of the days in the hottest summer months. Days with temperatures of 32° F. or less are observed in October through April in the Eastern Plain and Hills Region. Only the summer months, with few exceptions, are completely free of freezing days over the remainder of the Area. Northeast locations such as Wen-ch'üan and high mountain stations like Wu-ch'iao-ling in the southwest may experience freezing days infrequently throughout the summer. Freezing days are most frequent in December, January, and February in the Eastern Plain and Hills and Central Highlands Regions. Here, they occur on more than two-thirds of the days at all but the most southern sheltered locations. The Northern Plateau Region experiences freezing days on more than three-fourths of the days throughout the winter.

b. RELATIVE HUMIDITY — Seasonal and diurnal variations of mean relative humidity for selected stations in North China are shown graphically in FIGURE 16. Tabular data for a wider selection of stations are presented in FIGURE 45. Morning and afternoon observations are most often indicative of extreme values, since relative humidity is dependent upon the temperature as well as upon the amount of water vapor in the air. Throughout North China the lowest relative humidity usually occurs near the time of the maximum temperature in the afternoon, while the highest occurs about the time of the minimum temperature in the early morning.

In general, relative humidity is highest in the Eastern Plain and Hills Region, which is nearest the moisture source, the adjacent ocean. In this region, most locations experience maximum relative humidity during summer, mainly in July and August, when values range from about 85% to 95% in the morning to about 60% to 85% in the afternoon. Lowest morning values usually

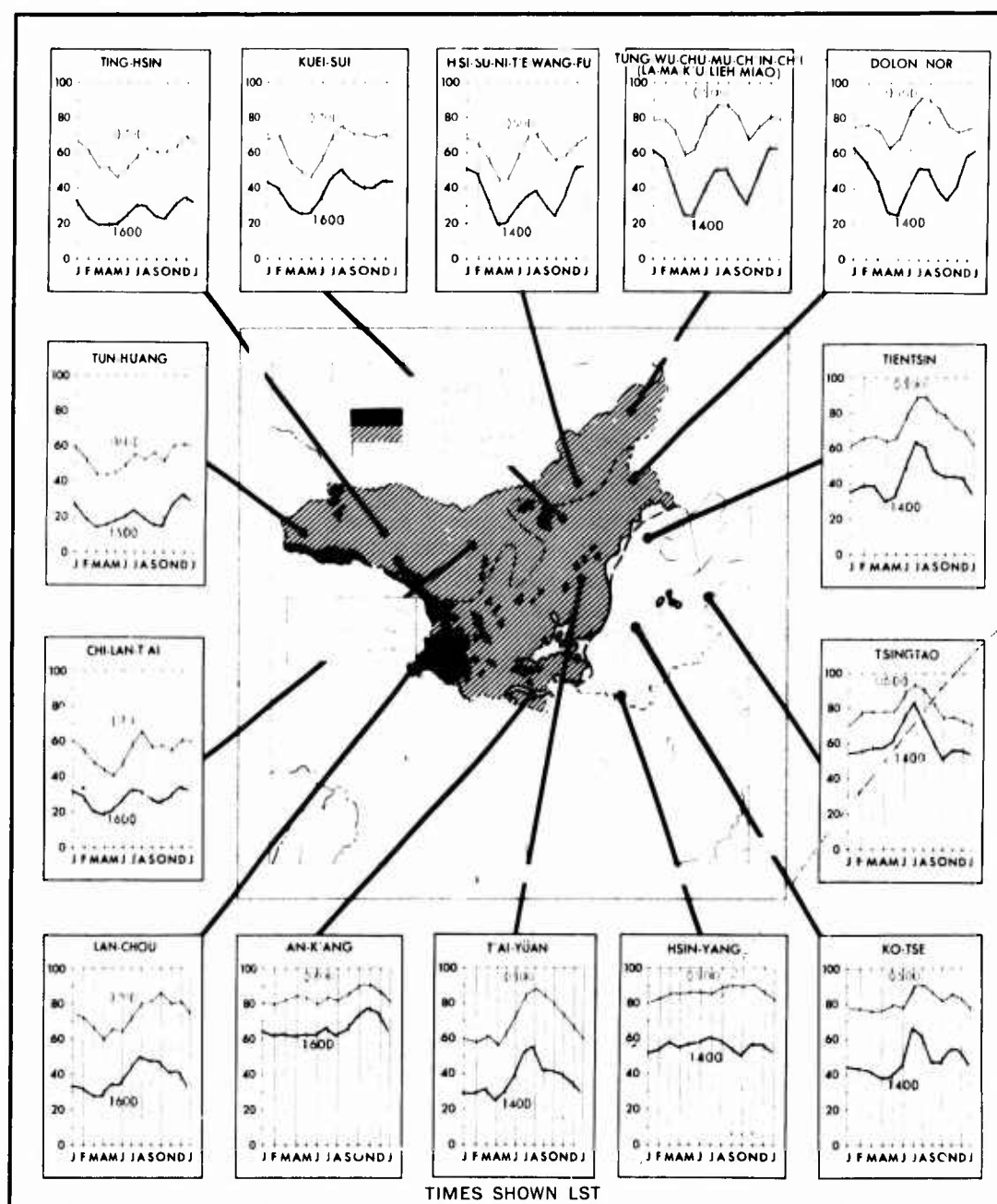


FIGURE 18. MEAN RELATIVE HUMIDITY (%) IN MORNING AND AFTERNOON. (For tabular data see FIGURE 45.)

occur in January, mostly 50% to 80%, whereas lowest afternoon values occur in spring or autumn, mostly 30% to 50%.

In general, relative humidity in the Central Highlands is somewhat lower than in the Eastern Plain and Hills Region, since it is farther removed from the moisture source. Highest values are most often recorded in late summer, varying between about 75% to 95% in the early morning and lowering to around 50% to 65% in the afternoon. Minimum relative humidity is normally observed in late winter and spring, usually ranging from 40% to 70% during early morning and 25%

to 40% in the afternoon; minimum values in the extreme south may be 10% to 20% higher.

As a rule the Northern Plateau Region, particularly the western part, records the lowest relative humidity of the NIS Area. Maritime air masses are considerably dried out before reaching this part of North China. Maximums, depending on the locations, may be observed in late summer or midwinter, usually remaining in the 60's and 70's during early morning and in the 30's and 40's in the afternoon. However, maximum values in the east range up to about 20% higher. Relative humidity is generally lowest in late winter and spring, ranging

from about 35% to 55% during the morning to less than about 25% at most locations in the afternoon.

c. PRECIPITATION — Precipitation may be a significant factor in planning many types of ground surface operations in North China, where both regional and seasonal variations are appreciable. FIGURE 17 shows graphically the regional and seasonal variations in mean precipitation for selected stations. Tabular data are given in FIGURE 46 for a greater areal coverage. Precipitation is greatest in the southeast, with some locations averaging over 30 inches annually, and decreases generally toward the northwest, where less than 5 inches are received in a year. In general, over most of the Area the summer monsoon is the wet season, when precipitation may vary from light rain to torrential showers.

The winter monsoon is the dry season, and the scanty precipitation received often falls as light snow. However, the wet season may extend into both spring and autumn, especially over the southern part of the country. These parts are under the influence of maritime air masses for a longer period, since the polar front enters the Area from the south in spring, and follows the same path in reverse in its southward departure in autumn.

Adequate precipitation is generally received throughout the Eastern Plain and Hills Region, where little variation occurs in the annual averages from place to place; most locations record between about 20 and 30 inches. Monthly means range roughly between 3 and 10 inches in the wet season, decreasing to less than 1 inch at most stations during the dry season. Over the Central High-

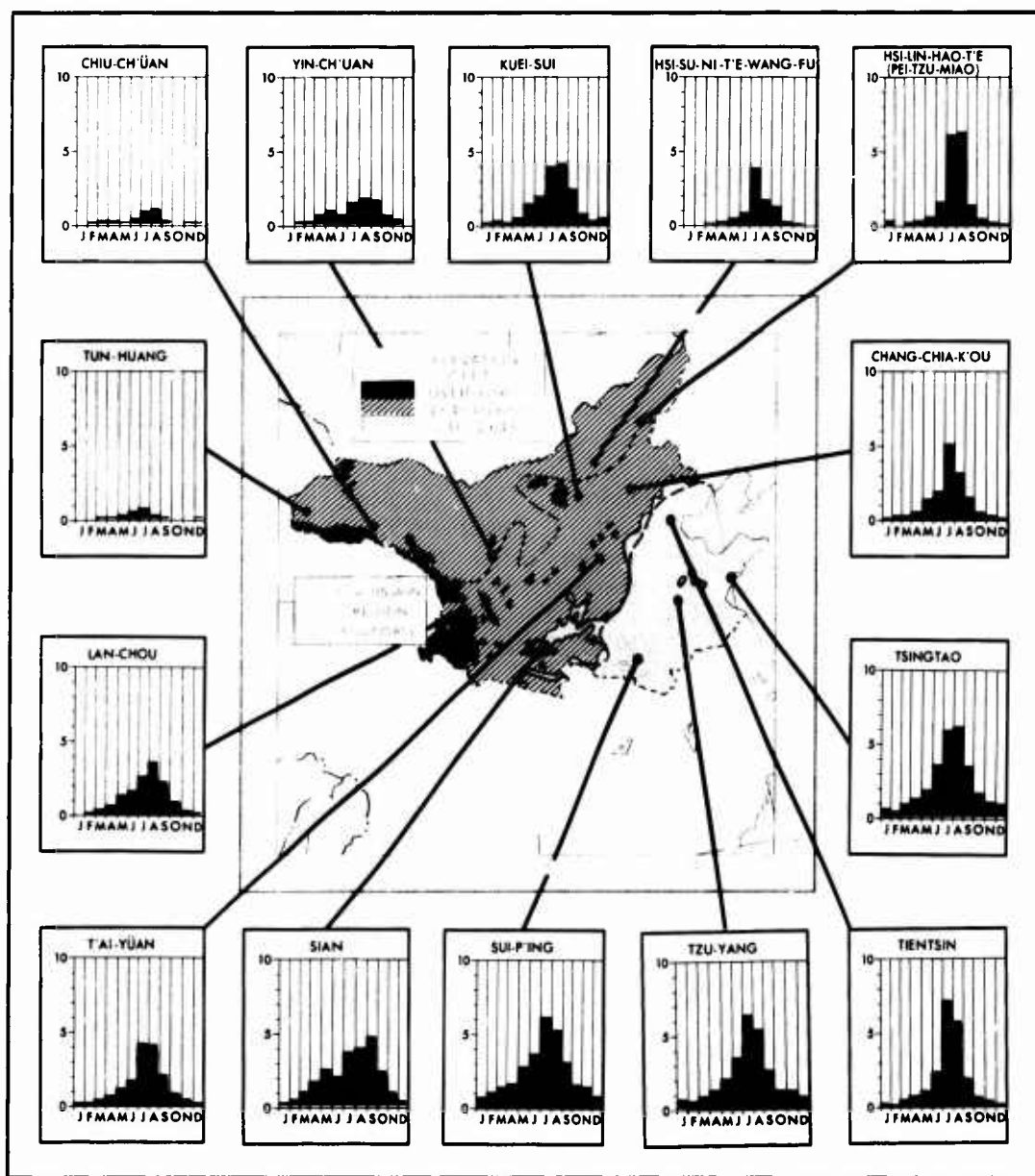


FIGURE 17. MEAN PRECIPITATION (INCHES). (For tabular data see FIGURE 46.)

lands Region as a whole precipitation is slightly less, although, because of the rugged terrain, variability is much greater between stations. Lee slopes of mountains often receive considerably less precipitation than do the windward slopes. Mean annual amounts over the region are usually between about 10 and 35 inches. Wet season monthly means are most frequently in the 2- to 7-inch range, but means normally drop to well under 1 inch in the dry season. The Northern Plateau is the driest region in North China. Although the northeastern parts of the region average up to nearly 20 inches of precipitation annually, much of the western half is desert, averaging less than 5 inches. Mean monthly precipitation over much of the northeast exceeds 5 inches during the wet season, while some locations in the west have less than 1 inch per month. During the dry season, all locations average less than 0.5 inch of monthly precipitation.

Topography strongly influences the precipitation regime of North China. Mountains outside the country, primarily to the west and southwest, prevent moist air masses and migratory pressure systems from bringing added precipitation into the Area. The mountains of the Central Highlands Region impede the flow of maritime air from the southeast in summer. The orographic lift up the mountains removes most of the moisture, with the windward slopes normally receiving the greatest amounts of rainfall. Maritime air masses that succeed in traversing the mountain ranges are appreciably modified, and little moisture remains in the air reaching the Northern Plateau Region. This is particularly true in the west, where precipitation even in the wet season is very scanty.

Precipitation over North China is highly erratic, often contributing to both drought and flood conditions. Monthly and annual amounts may vary widely from year to year. FIGURE 47 presents the greatest and least observed monthly amounts of precipitation at several stations over the Eastern Plain and Hills and Central Highlands Regions; annual amounts are included where available. Data of this type are not available for the Northern Plateau Region. In the Eastern Plain and Hills Region, where mean monthly amounts range up to 10 inches in the wet season, some locations have recorded monthly amounts of about 20 inches in one year and almost negligible amounts in others. In fact, certain locations have recorded considerably more rainfall in a single month than is normally received during the entire year. At Peiping, for example, the mean annual precipitation is 24.7 inches, yet 32.5 inches of rainfall was recorded in July of one year. Precipitation is equally variable over the Central Highlands Region; monthly amounts of 7 to 20 inches have occurred in the wet season, as compared to 0 to 2 inches in other years. It is highly probable that similar erratic conditions prevail in the Northern Plateau Region, although the amounts received in any one month would be appreciably reduced. The excessive precipitation usually results from heavy shower activity, primarily during the

wet season. Precipitation received in one day is sometimes heavy enough to cause local flooding, especially in the Eastern Plain and Hills and Central Highlands Regions. FIGURE 48 gives maximum 24-hour precipitation at stations throughout the Area. One day of precipitation may equal or even exceed the average monthly amount. An outstanding example occurred at An-yang where 13.5 inches fell in 24 hours in August, although 4.6 inches is the average for this month.

The frequency of days with precipitation is probably important to many ground surface operations. This information is shown graphically for selected stations in FIGURE 18 as the mean number of days with precipitation equal to or greater than 0.004 inch. It is also given in tabular form for a greater number of stations in FIGURE 49. Regional variations are not great, but most locations exhibit a definite seasonal pattern. During the dry season, most stations throughout North China have precipitation on less than about one-fifth of the days. Frequencies generally increase in spring and reach a maximum, which ranges up to about two-thirds of the days, during the wet season. However, frequencies of days with precipitation vary considerably from place to place within each region. At some locations less than one-third of the days have precipitation even in the wettest summer months, while other locations, especially in the southern parts of the Central Highlands, have precipitation on as many as one-half of the days in spring through autumn. In general, the western part of the Northern Plateau Region records low frequencies the year round, usually less than one-fifth of the days.

Snow, although not frequent throughout most of North China, may be an important consideration in certain types of military operations. The mean number of days with snowfall is given in FIGURE 50. Over most of the Area the first snowfall occurs in late autumn or early winter and the last snows are usually observed in late winter or spring. Higher locations may experience snowfall even in summer. An excellent example of this is Wu-ch'iao-ling, a mountain station in the southwestern part of the Central Highlands with an elevation of about 11,000 feet, where snowfall occurs the year round. During the worst winter months, most locations through North China receive snowfall on less than 10 days, depending on location, elevation, and exposure; frequencies on the higher mountains are greater, however. The average annual frequency of snowfall days is below 25 at most locations over the Area; however, Chefoo, located on the northern coast of the Shantung Peninsula, averages 33 days per year, and the mountain station, Wu-ch'iao-ling, averages 75.

The mean number of days with snow cover is illustrated for selected stations in FIGURE 19. Tabular data for numerous stations are presented in FIGURE 51. Generally, this information shows that the first snow cover in the Eastern Plain and Hills Region is observed in November and the last in March. Frequencies of days with snow cover reach a maximum in midwinter, averag-

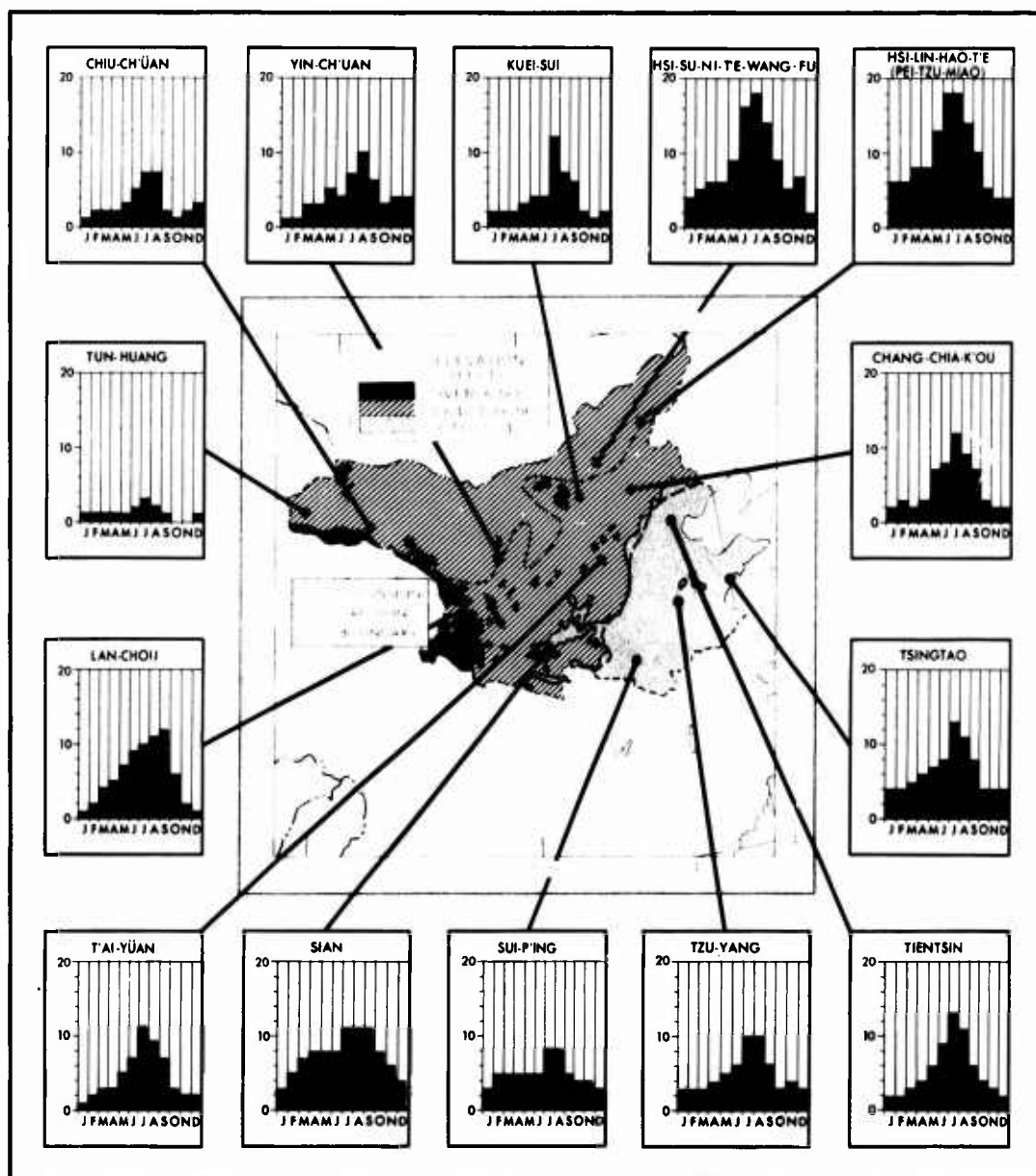


FIGURE 18. MEAN NUMBER OF DAYS WITH PRECIPITATION ≥ 0.004 INCH. (For tabular data see FIGURE 49.)

ing between about 5 and 15 days in the worst winter months. However, snow does not often remain on the ground in coastal locations south of the Shantung Peninsula; at these locations there are only 1 or 2 days during the worst months with snow cover. In the Central Highlands and Northern Plateau Regions, snow cover at most stations is observed first in November and last in April. A few locations, mainly at higher elevations, may observe snow cover in October through May, while many high mountain stations such as Wu-ch'iao-ling retain a snow cover even in the summer months. Over these two regions the frequency of snow cover varies widely from one place to another. Sheltered valley stations, particularly in the southern part of the Central Highlands, may have a snow cover only 1 or 2 days

during the entire year, while some of the higher mountain stations record a snow cover on more than half of the days in the worst months.

The maximum snow depth, as recorded at a considerable number of stations throughout North China, is given in FIGURE 52. These data show that snow accumulations over the country generally range up to about 1 foot in depth. The main exception on record is the southern part of the Eastern Plain and Hills Region where depths ranging to about 1.5 feet have been recorded. Although reliable records are not available because of the lack of mountain observing stations, it appears that snow probably accumulates to much greater depths in the higher mountain passes of the west. Some sheltered locations receive very small accumulations of

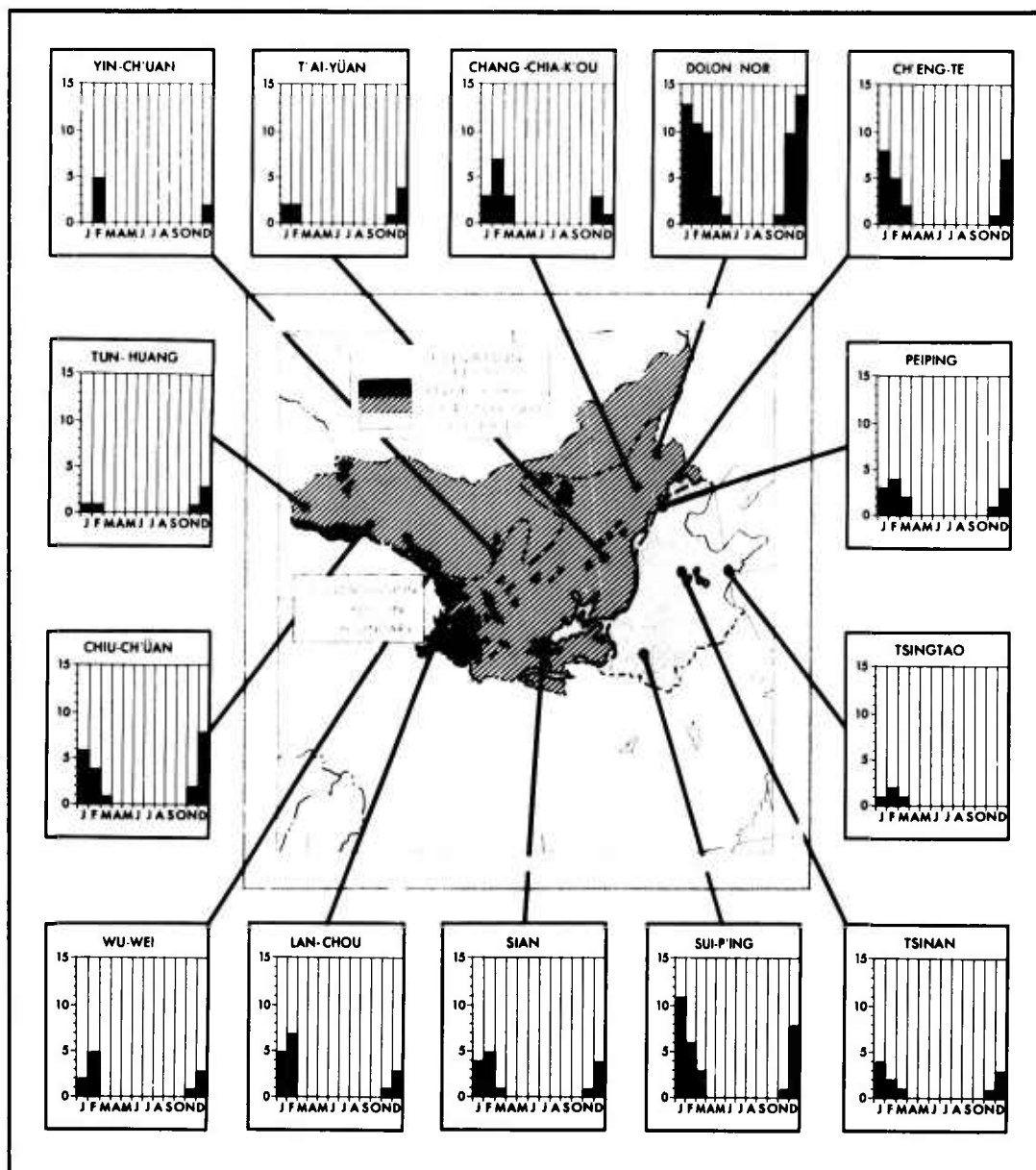


FIGURE 19. MEAN NUMBER OF DAYS WITH SNOW COVER. (For tabular data see FIGURE 51.)

snow; the records show that the greatest recorded depth at two such locations, Nan-cheng and Wu-tu in the southern part of the Central Highlands, is less than 1 inch.

d. OVERALL EFFECT OF SURFACE WEATHER ON CLOTHING, STORAGE, AND SHELTER

(1) Clothing

(a) MAJOR INFLUENCES — The most significant climatic factors affecting clothing requirements in this NIS Area are the great temperature extremes, large variations in precipitation from southeast to northwest, and winter and spring duststorms. In general, however, the most important single factor is temperature.

(b) REGIONAL REQUIREMENTS — The three regions of the Area have been further subdivided to show

the differences in requirements within each region. Clothing requirements for each region, as presented in FIGURE 20, are expressed in terms of clothing assemblies that have been prescribed for worldwide military use according to the following mean monthly temperatures:

CLOTHING ASSEMBLY	MEAN MONTHLY TEMPERATURES
Warm-weather	Above 68° F.
Cool-weather	50° F. to 68° F.
Cold-weather	14° F. to 50° F.
Ultra-cold-weather	Below 14° F.

Appropriate U.S. service regulations list the exact nomenclature and the basis for issue of various components of these clothing assemblies. For general planning purposes, however, the clothing assembly components are

FIGURE 20. CLOTHING REQUIREMENTS

REGION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Eastern Plain and Hills.....	D	D	D	C	W	W	W	W	W	C	D	D
Central Highlands:												
North of 40°00'N.:												
Below 4,000 feet.....	D	D	D	C	C	W	W	W	C	C	D	D
Above 4,000 feet.....	U	U	D	D	C	C	W	C	C	D	D	U
South of 40°00'N.:												
Below 4,000 feet.....	D	D	C	C	W	W	W	W	W	C	D	D
4,000 feet to 8,000 feet.....	D	D	D	C	C	W	W	W	C	D	D	D
Above 8,000 feet.....	U	D	D	D	D	C	C	C	D	D	D	U
Northern Plateau:												
East of 110°00'E.:												
Below 4,000 feet.....	U	U	D	D	C	C	W	W	C	D	D	U
Above 4,000 feet.....	U	U	U	D	D	C	C	C	D	D	U	U
West of 110°00'E.:												
Below 6,000 feet.....	D	D	D	C	C	W	W	W	C	D	D	D
6,000 feet to 10,000 feet.....	U	U	D	D	C	C	C	C	C	D	D	U
Above 10,000 feet.....	U	U	U	D	D	D	C	D	D	D	U	U

W—warm-weather clothing assembly; C—cool-weather clothing assembly; D—cold-weather clothing assembly; U—ultra-cold-weather clothing assembly.

described in general terms. Special items required because of varying climatic and environmental factors are also listed.

The warm-weather assembly is a cotton outfit (visored cap, shirt, trousers, and underwear). It also includes tropical combat boots and a poncho. A single woolen blanket is adequate sleeping equipment for use with this assembly.

The cool-weather clothing assembly supplements the warm-weather assembly with a hooded water-repellent wind-resistant coat. Leather combat boots are worn with this assembly in lieu of the tropical combat boots. A lightweight sleeping bag or two woolen blankets are adequate sleeping equipment for use with this assembly.

The cold-weather clothing assembly consists of a wool shirt, wool trousers, wool-and-cotton underwear, and insulated rubber boots. A coat liner is added to the coat used with the cool-weather assembly. A cotton field cap or a field cap with wool pile lining is worn, depending on the degree of coldness. Woolen glove inserts or woolen mitten inserts, worn with appropriate leather shells, are also components of the cold-weather assembly. A mountain-type sleeping bag (down- and feather-filled) with a water-repellent case is adequate sleeping equipment for use with this assembly.

The ultra-cold-weather clothing assembly consists of the same inner garments as the cold-weather assembly, except for the substitution of a trousers liner in lieu of the wool trousers. The outer garments consist of an additional pair of cotton, water-repellent, wind-resistant trousers with a trousers liner, a parka with liner, and arctic-type mittens. Boots with additional insulated layers are substituted for the insulated boots used with the cold-weather assembly. An arctic-type sleeping bag, consisting of two down- and feather-filled bags with a water-repellent case, is substituted for the mountain-type sleeping bag.

(c) EXCEPTIONS AND ADDITIONS FOR INDIVIDUALS IN A PROTECTED ENVIRONMENT — The clothing assemblies described above are based on the assumption that the individuals wearing them will be living in the open 24 hours a day. Clothing assemblies for use at permanent installations may be modified to suit a less demanding environment. For example, service-type oxfords with rubbers might be more serviceable than high-cut boots, a raincoat might be preferable to a poncho, and blankets might be substituted for the sleeping bag.

(d) SPECIAL REQUIREMENTS — Protection is necessary against insects (mosquitoes, flies, sandflies, lice, fleas, ticks, and mites) probably everywhere except in the highest mountains. Protection is also required against poisonous spiders and snakes which inhabit various parts of North China. Insect bars (including a bar finer than the 18-mesh mosquito bar for protection against sandflies), repellents, headnets, mosquito gloves, and similar items are required for protection against disease-carrying insects. This protection is especially needed in May through September. Sunglasses or tinted goggles, insulated headgear, neckshields, chap sticks, and sunburn cream are needed for protection against sunburn, sunglare, and high temperatures in summer and against snow glare in winter. Goggles and neckshields are required for protection from blowing dust and sand. During summer, gloves may be desirable for handling metal objects which are exposed to the sun for extensive periods. Leather combat boots may be more practical in the west and northwest portions of the Area than the tropical combat boots prescribed for use with the warm-weather assembly; leather boots wear better on rough terrain and provide better protection from snake bite. Waterproofed footwear may be desirable during the wet season in low-land marshy sections in the east.

(2) Storage — The main climatic factors affecting items stored in the open are temperature, precipitation, humidity, and occasional strong winds. Maxi-

mum air circulation in and between stacks is required for protection against high temperatures and high humidities. Items most subject to damage by high temperatures, especially subsistence and medical supplies, should be protected by cold storage. In summer, supplies must be shaded from sunlight and protected from precipitation. Tarpaulins must be securely fastened to prevent loss during occasional strong winds associated with thunderstorms and cold fronts and during typhoons that occasionally affect the southeast part of the Area in summer and autumn. Storage items should also be protected against the winter and spring duststorms. Storage sites should be located in well-drained sections, especially during the flooding season, generally in summer. This precaution is particularly necessary in the lowland plains in the east where flooding often occurs during the summer rains. Dunnage is required for maximum protection of supplies against wet ground. However, dunnage material in the Area is scarce and normally must be obtained elsewhere.

(3) *Shelter* — Shelter is required for protection against insects, strong solar radiation, temperature extremes, occasional heavy precipitation, cold winds, and duststorms. During summer, tentage developed by the U.S. Army for Temperate Zone operations would provide adequate protection at high elevations and at the cooler locations in the northeast; U.S. Army Tropic Zone tentage should provide adequate protection elsewhere. Tentage similar to the U.S. Army hexagonal or arctic tent would generally provide adequate protection in winter at all but the very coldest and most exposed sites; supplemental framing and heating units would be required at such sites. The use of a tent fly (an extra layer of canvas suspended above the tent is desirable for extra protection from insolation in summer. Tents require flooring and screening to afford protection from ground moisture and insects, especially during the warm months. Shelter such as the U.S. Army flyproof kitchen tent would generally provide adequate protection against most insects during the preparation and serving of food. The prevalence of vermin such as rodents requires that provision be made for routine preventive measures.

4. Amphibious operations

Early autumn is the most favorable season for amphibious operations along the coast of North China; temperatures are mild, winds and precipitation are moderate, and visibility is good. Late spring is less favorable because of stronger surface winds and poor visi-

bilities. Summer is still less favorable because of high temperatures and relative humidities, heavy precipitation, frequent dense fog, and low visibilities. Winter is the least favorable season with low temperatures, a greater frequency of gale-force winds, high seas, and the presence of sea ice.

The North China coast is affected by an average of 1 or 2 typhoons per year, usually during July or August. Thunderstorms are rare in winter. Frequencies begin to increase in spring and reach a maximum during summer before decreasing again in autumn to reach the winter minimum. About half of the annual precipitation occurs in summer when monthly averages vary between about 3 and 8 inches, usually occurring on 5 to 15 days per month. Monthly averages in winter rarely exceed 1 inch and usually occur on less than 5 days per month. In all seasons, the frequency of precipitation decreases northward.

Mean cloud cover is less than 3-eighths in winter, increasing to more than 5-eighths in summer, except along the Yellow Sea coast from Shih-tao southward, where mean cloudiness is greater in all seasons. Average relative humidity is about 85% in summer decreasing to 65% or less in winter. Mean air temperature at coastal stations is about 76° F. in July, decreasing to 28° F. in January. A maximum temperature of 104° F. at Chefoo and a minimum of -8° F. at Lin-yü have been observed.

North to northwest winds of about 8 knots prevail in winter, and southerly winds of 4 to 6 knots in summer. Northerly and southerly winds are about equally prevalent during spring and autumn transition periods, averaging about 10 knots in spring and 7 knots in autumn at most locations. Winds of gale force may occur in any month, but are most frequent in winter. Although the average for this season does not exceed 6 days per month, gale-force winds may occur on as many as 10 days per month over the open sea and exposed coastal sections. Gales which occur during the warmer half of the year are usually associated with thunderstorms or with the passage of typhoons.

Seas greater than 3 feet are observed about 50% of the time in autumn and winter, decreasing to about 28% of the time in spring and summer. Swells greater than 6 feet occur 1% of the time in winter and spring, 5% in summer, and 13% in autumn. Sea and swell conditions are usually more favorable for amphibious operations with a northerly wind component, because of the decreased fetch.

The sea-surface temperature is greatest in August, averaging 78° F., and least in February, averaging 35° F. to 40° F. from Chefoo southward. Sea ice is present in the Gulf of Chihli west of Chefoo from mid-November to the end of March. Icebreakers are necessary to keep the major ports open. Ice which occasionally forms along the southern side of the Shantung Peninsula is not sufficient to obstruct navigation.

Sea fog seldom occurs during the period from September to January. Its frequency begins to increase in

NOTE: Amphibious operations are defined as those operations involving the movement of troops and equipment onto a beach and the associated protective measures. The meteorological elements discussed in this Subsection are those which are of primary importance to such operations as helicopter troop transport, waterborne troop and cargo landing, underwater demolition, air support, and naval gunfire support. Further discussion of some of the elements may be found in the Subsections on Air, Air-ground, and Ground Surface Operations.

February; by April there is an average of 8 days with fog over the coastal waters south of the Shantung Peninsula and up to about 5 days along the coast to the north. The mean frequency of sea fog increases to a maximum of 15 to 20 days in July south of the Shantung Peninsula, where sea fog is sometimes recorded every day in July. Although sea fog is frequent in summer, coastal stations are usually affected only when there is an onshore wind.

Visibility varies greatly along the coast. In general, visibilities south of the Shantung Peninsula are less than 1 mile about 10% of the time in summer, 5% in spring, and less than 1% of the time in autumn and winter; visibilities less than 6 miles occur about 20% of the time in summer, 10% in spring, 5% in winter, and less than 3% in autumn. Along other parts of the coast visibilities less than 1 mile occur about 5% of the time in late winter and spring, and less than 1% of the time during the rest of the year; visibilities less than 6 miles occur about 15% of the time in winter and spring, and about 10% of the time in summer and autumn. At Lin-yü, the farthest north coastal station, visibilities less than 6 miles occur no more than 5% of the time at any season.

In winter, the chief restriction to visibility is the dust and yellow haze brought from the deserts of Mongolia and North China by northwesterly winds. The resultant haze is sometimes very thick over the coastal waters even as far south as the 35th parallel.

C. Meteorological facilities and organization as of January 1964

1. History and organization

The history of meteorological services in China dates back to the Chin and Han Dynasties when records of storms, floods, droughts, typhoons, and other natural phenomena were made and summarized. Rain gages were introduced during the Ming Dynasty in 1424 A.D., the first recorded use of equipment designed for meteorological purposes. Unfortunately, this early interest in meteorology was not continued, and further significant progress in the science was delayed until the 20th century.

The change in government which occurred between 1948 and 1950 resulted in large-scale personnel replacement and extensive reorganization of the weather service within Communist China. Assisted by the Soviets, the Chinese organized their weather service along lines similar to those of the U.S.S.R. The Military Commission Meteorological Bureau, the first Chinese Communist organized service, was begun in late 1949. The first Five Year Plan transferred all military meteorological agencies to the State Council in 1953. By late 1953, an adequate weather information network was in operation. As early as 1956 observatories were utilizing local press and radio facilities to disseminate daily weather forecasts. By the end of 1957, the number of meteorological observatories, stations, and upper-air facilities had increased to meet the minimum needs of the first Five Year Plan. Gradually, more sophisticated survey work

was begun, such as agricultural meteorology, sun-ray and heat equilibrium measurement, and radio-wind direction determination. In July 1958, the Third National Meteorological Conference resolved that a network should be established in which every special district would have an observatory, every district a station, every village a substation, and every commune a sky observation subcommittee.

Today, there are five separate weather services in Communist China, all of which operate in North China.

The Central Bureau of Meteorology is under the jurisdiction of the State Council and is directed by Tu Chang-wang, who is assisted by four deputy directors. This bureau is responsible for providing all types of civil weather service, including personnel training and research.

The Civil Air Weather Service is composed of a network of stations which are mainly located at airports servicing civil aviation. Their primary function is to provide aviation weather service between the country's major cities.

The Military Air Weather Service, operating within each of the administrative districts, is composed of units of the Chinese Communist Air Force that have facilities for observing and other support services for military air operations.

The Naval Weather Service and the Commercial Shipping Weather Service furnish support to marine interests.

2. Weather observing facilities

Communist China manufactures most types of standard weather instruments. Siphon-mercury type barometers and hair hygrometers have been calibrated with Soviet instruments and found to be accurate. Locally produced anemometers and thermometers appear adequate; however, upper-air equipment is of poor quality and is not generally reliable. Some equipment, particularly that for upper-air sounding, has been acquired from the U.S.S.R.

In North China, there are 113 weather stations that normally record and transmit surface observations every 3 hours beginning at 0000 GMT. About 40 stations take rawinsonde or radiosonde observations, with most observations taken at 0000 and 1200 GMT.

3. Weather forecasting facilities

Weather forecasts in North China are issued by the forecasting center located at Lan-chou, by local observatories, and by military bases with forecast capability. Some of these forecasts are prepared locally while others are passed on from the main forecast center located at Peiping. The quality of weather forecasts in North China varies from poor to fair.

4. Training and educational level of meteorologists

There are at least 10 meteorological training schools in Communist China; one is known to be located at Lan-chou. The best known of these schools is the Pei-ching

School of Meteorology where instruction is given in high altitude, agricultural, and general meteorology. Advanced and correspondence courses are also available. Universities teaching meteorology include National Tsing Hua, National Shantung, National Chekiang, and the National Nanking (formerly National Central University). The number of meteorologists trained yearly at each university varies from 100 to 250. The length of training is from 2 to 6 years. The Central Bureau of Meteorology has set up several centers to train observers. There is a high percentage of women in the field of meteorology in Communist China. The available training is considered of good quality.

5. Communications

The primary means of transmitting weather information in all of China are radio and teletype. Most weather information is transmitted in the clear but secret codes are frequently used. A secret code book is provided each weather station and observatory, and codes are changed roughly every 2 months. Weather data are exchanged between China and foreign countries using standard international weather codes. Unclassified data for foreign exchange are transmitted in Morse code from broadcast centers located in Peiping, Hankow, Lanchou, and Chengtu. Data transmitted consists of synoptic reports, upper-air soundings, and

coded analyses of surface and upper-air charts. Some of these exchange data are available to North China stations through the forecast center at Lan-chou. Information on station call signs, frequencies, and weather broadcast times are all available in U.S. Naval Oceanographic Office Publication No. 118A and World Meteorological Organization Publication No. 9.

D. Climatic data tables

This Subsection contains the climatological data tables referred to in Subsections A and B. The amount of data available for the northwestern part of the Area is limited and in some cases the means are based on very short periods of record. Many of the higher mountain elevations are not represented in the tables. The eastern part of the Area has the best data coverage. Large amounts of data for some elements are available in the east and in many cases for long periods of record. The data used in this Section are the best available and are considered to be reasonably reliable. A map of station locations (FIGURE 54), with an accompanying list giving latitude, longitude, and elevation of stations mentioned in Subsections A, B, and D, appears at the end of the Section. Annual values in some tables may differ slightly from the sums or means of the monthly values because of the rounding-off of fractions.

FIGURE 21. MEAN CLOUDINESS (%) AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	46	54	66	61	65	64	58	45	54	54	61	52	56	4-6
Ko-tse.....	2300	39	38	51	51	55	56	56	46	48	46	56	40	49	4-6
Lin-yü.....	2300	22	22	38	38	44	54	56	56	34	26	31	29	38	3-5
Lo-yang.....	2300	35	42	58	50	62	64	61	55	49	54	40	41	51	4-6
Peiping.....	2300	28	34	45	39	46	58	58	59	41	34	32	32	42	4-6
Shih-men.....	2300	29	30	48	41	48	55	56	58	42	38	39	31	42	4-6
Shih-tao.....	2300	41	32	50	49	49	65	70	56	38	39	45	41	48	3-5
Süchow.....	2300	34	44	60	52	65	62	64	48	52	44	55	42	52	3-5
Tientsin.....	2300	25	28	42	39	41	52	48	49	36	31	38	32	39	4-6
Tainan.....	2300	32	30	44	41	50	52	51	49	42	39	44	38	42	4-6
Tsingtao.....	2300	35	38	55	54	58	65	74	55	41	41	48	41	50	4-6
Central Highlands:															
An-k'ang.....	0100	64	66	70	65	71	65	64	56	59	66	71	61	65	4-6
Ch'ang-chih.....	2300	31	39	50	44	49	52	54	54	48	49	46	34	46	3-5
Dolon Nor.....	2300	28	32	36	40	41	55	52	45	39	30	30	30	39	4-6
Fu-shih.....	0100	32	36	42	41	48	49	51	56	42	39	39	31	42	4-6
Hai-feng-chen.....	0100	40	40	49	55	58	58	60	61	50	50	50	38	51	4-6
Kuei-sui.....	0100	19	28	34	38	32	44	50	46	31	32	24	21	32	4-6
Lan-chou.....	0100	39	42	52	59	62	56	55	52	49	46	46	30	49	4-6
Sian.....	0100	51	49	58	64	54	66	55	52	50	54	51	42	54	4-6
T'ai-yüan.....	2300	21	25	42	41	49	54	54	55	41	40	38	28	41	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- ju-t'u).....	0100	16	25	30	29	31	41	39	38	29	22	20	20	29	4-6
Wu-tu.....	0100	61	68	71	71	72	71	68	65	66	71	66	52	68	4-6
Yen Ch'ih.....	0100	28	34	39	38	45	46	45	42	38	34	31	29	38	4-6
Yü-lin.....	0100	29	31	40	41	42	44	46	48	36	34	30	28	38	4-6

See footnotes at end of table.

FIGURE 21. MEAN CLOUDINESS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai.....	0100	25	30	35	38	46	48	44	44	34	30	24	29	35	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	2300	32	32	32	38	41	49	50	46	41	26	28	26	38	4-6
Hsing-hsing-hsia*.....	0000	29	24	38	39	41	38	44	36	22	20	28	32	32	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	21	20	28	38	36	41	46	48	34	26	22	19	31	4-6
O-chi-na-ch'i.....	0100	24	24	36	34	na	na	46	45	20	21	24	25	na	1
P'ang-pei.....	0100	19	21	28	36	38	41	42	41	24	20	22	24	30	4-6
Pan-ting-t'o-lo-kai.....	0100	10	22	19	24	na	na	na	na	na	na	15	12	na	1
Shan-pa.....	0100	21	28	31	32	35	44	41	39	30	26	21	25	31	4-6
Shan-tan.....	0100	28	28	41	42	48	52	54	51	39	29	22	28	39	4-6
Ting-hsin.....	0100	28	25	42	41	48	40	44	36	25	24	26	29	34	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	2300	29	29	32	40	45	49	51	42	41	26	29	24	36	4-6
Tun-huang.....	0000	34	30	45	42	41	41	42	34	22	21	28	35	35	4-6
Wen-ch'üan*.....	2300	48	35	38	42	44	50	52	51	48	34	34	41	42	3-5
Yin-ch'uan.....	0100	26	31	40	36	45	46	45	49	35	35	29	25	38	4-6
Yü-men.....	0000	39	35	51	54	56	49	48	39	28	26	38	44	42	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	52	55	65	62	68	68	62	59	55	50	52	49	59	4-6
Ko-tse.....	0500	42	41	55	46	60	65	65	56	44	44	44	34	50	4-6
Lin-yü.....	0500	28	26	40	42	50	68	65	61	35	32	25	25	41	4-6
Lo-yang.....	0500	46	49	60	59	64	66	65	58	49	46	51	40	55	4-6
Peiping.....	0500	28	34	45	45	51	69	71	68	40	35	29	27	45	4-6
Shih-men.....	0500	34	31	41	46	56	61	62	60	36	40	35	29	45	4-6
Shih-tao.....	0500	39	32	46	58	60	78	79	69	51	39	48	41	54	4-6
Süchow.....	0500	44	42	58	59	68	71	68	61	50	44	49	40	55	4-6
Tientsin.....	0500	29	29	44	41	46	61	61	60	34	28	30	28	41	4-6
Tsinan.....	0500	38	32	46	48	55	58	59	62	39	41	39	36	46	4-6
Tsingtao.....	0500	38	39	51	55	69	78	79	66	48	39	45	32	54	4-6
Central Highlands:															
An-k'ang.....	0700	74	78	80	81	81	78	76	68	69	80	86	76	78	4-6
Ch'ang-chih.....	0500	42	39	55	49	55	60	61	58	39	46	38	34	48	4-6
Dolon Nor.....	0500	25	34	36	46	48	56	55	55	39	32	29	29	40	4-6
Fu-shih.....	0700	40	49	54	56	60	60	61	71	58	56	48	42	55	4-6
Hsi-feng-chen.....	0700	50	60	62	65	66	65	62	71	60	61	60	45	61	4-6
Kuei-sui.....	0700	31	39	44	45	48	56	69	56	45	41	35	32	44	4-6
Lan-chou.....	0700	42	51	64	65	64	66	59	62	56	56	54	35	56	4-6
Sian.....	0700	58	68	69	74	74	69	69	66	56	66	66	56	66	4-6
T'ai-yüan.....	0500	29	30	40	42	49	55	60	56	35	41	32	24	41	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u).....	0700	29	32	44	42	48	46	50	48	36	32	34	32	40	4-6
Wu-tu.....	0700	64	78	71	75	75	80	71	70	71	75	72	58	71	4-6
Yen Ch'ih.....	0700	38	44	55	58	52	56	54	55	50	45	41	36	49	4-6
Yü-lin.....	0700	30	39	52	49	55	51	51	56	46	41	39	31	45	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	32	38	52	50	54	50	56	51	40	34	39	36	45	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	0500	26	31	34	48	56	58	60	54	44	24	31	28	41	4-6
Hsing-hsing-hsia*.....	0600	31	36	50	58	49	46	52	40	32	30	35	38	41	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	21	25	28	38	44	51	49	48	28	21	24	22	34	4-6
O-chi-na-ch'i.....	0700	20	29	49	52	na	40	51	55	31	20	48	30	na	1
P'ang-pei.....	0700	28	34	44	49	55	54	49	46	40	34	34	34	41	4-6
Pan-ting-t'o-lo-kai.....	0700	28	31	34	54	na	na	na	na	na	na	29	20	na	1
Shan-pa.....	0700	30	31	49	48	51	46	54	52	34	32	32	30	41	4-6
Shan-tan.....	0700	35	32	58	54	58	58	56	55	41	39	29	30	45	4-6
Ting-hsin.....	0700	36	39	58	51	52	54	50	45	36	32	40	36	44	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	0500	24	28	32	46	54	55	62	51	39	25	28	31	40	4-6
Tung-huang.....	0600	42	42	56	59	51	54	51	42	31	36	38	39	45	4-6
Wen-ch'üan*.....	0500	45	41	39	46	59	60	69	65	50	34	39	45	49	3-6
Yin-ch'uan.....	0700	36	44	56	56	55	58	55	58	46	42	41	36	49	4-6
Yü-men.....	0600	46	49	60	68	64	59	58	42	35	41	40	45	50	4-6

See footnotes at end of table.

FIGURE 21. MEAN CLOUDINESS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1100	66	65	76	72	72	72	62	65	64	56	62	62	66	4-6
Ko-tse.....	1100	50	58	62	60	64	61	72	60	51	49	49	52	58	4-6
Lin-yü.....	1100	35	35	50	41	55	62	70	62	49	39	40	34	48	4-6
Lo-yang.....	1100	55	58	65	61	66	66	69	69	55	55	59	52	61	4-6
Peiping.....	1100	34	42	51	46	52	61	70	64	51	42	41	35	49	4-6
Shih-men.....	1100	38	39	54	48	60	59	61	62	45	48	44	40	50	4-6
Shih-tao.....	1100	54	50	60	54	61	74	75	65	56	50	52	51	59	4-6
Süchow.....	1100	49	55	64	65	69	64	75	66	59	46	58	50	60	4-6
Tientsin.....	1100	36	31	49	41	55	60	68	65	46	40	42	36	48	4-6
Tsinan.....	1100	42	46	54	52	60	62	66	62	50	45	48	45	52	4-6
Tsingtao.....	1100	45	50	60	56	60	70	76	61	52	46	49	45	56	4-6
Central Highlands:															
An-k'ang.....	1300	69	72	74	74	78	78	66	60	61	69	76	68	70	4-6
Ch'ang-chih.....	1100	45	46	64	54	64	60	65	66	50	50	50	41	55	4-6
Dolon Nor.....	1100	39	42	48	55	54	60	60	61	46	40	36	40	49	4-6
Fu-shih.....	1300	45	49	58	49	68	66	64	62	56	56	50	40	56	4-6
Hsi-feng-chen.....	1300	49	58	64	69	71	74	71	75	68	62	58	49	64	4-6
Kuei-sui.....	1300	40	44	54	56	61	65	62	62	50	41	39	42	51	4-6
Lan-chou.....	1300	48	50	60	64	68	71	59	65	58	52	42	38	56	4-6
Sian.....	1300	58	69	69	68	69	74	68	65	60	64	60	54	65	4-6
T'ai-yüan.....	1100	35	39	51	50	60	52	58	58	46	45	45	36	48	4-6
Wu-la-t'e-chung-hou- lieu-ho-ch'i (Hai- liu-t'u).....	1300	38	35	50	52	58	59	62	61	44	34	38	36	48	4-6
Wu-tu.....	1300	56	68	65	70	72	81	66	69	69	66	58	46	65	4-6
Yen Ch'ih.....	1300	41	42	55	59	68	68	65	66	52	46	44	38	54	4-6
Yü-lin.....	1300	36	42	55	55	59	55	60	58	50	46	40	38	49	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1300	38	41	52	50	60	59	58	58	42	38	39	39	48	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1100	40	40	49	60	59	62	62	59	51	40	39	40	50	4-6
Hsing-hsing-hsia*.....	1200	45	46	56	59	62	60	56	48	38	34	42	46	50	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	34	36	42	54	55	51	55	49	44	34	36	35	44	4-6
O-chi-na-ch'i.....	1300	38	44	54	56	na	56	50	61	31	24	36	36	na	1
P'ang-pei.....	1300	35	39	46	55	58	68	59	54	45	32	36	35	46	4-6
Pan-ting-t'o-lo-kai.....	1300	25	24	44	61	na	na	na	na	na	na	31	25	na	1
Shan-pa.....	1300	39	34	52	50	58	55	56	54	42	35	32	36	45	4-6
Shan-tan.....	1300	40	45	58	54	61	62	56	54	42	39	36	39	49	4-6
Ting-hsin.....	1300	39	41	50	59	54	59	54	45	36	35	36	40	46	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1100	34	36	48	62	60	59	61	59	52	39	39	41	49	4-0
Tung-huang.....	1200	44	49	56	60	58	55	48	45	34	35	48	46	48	4-6
Wen-ch'üar*.....	1100	51	42	51	62	68	66	76	71	64	49	52	51	59	4-6
Yin-ch'uan.....	1300	38	41	51	55	62	64	59	59	50	42	39	38	50	4-6
Yü-men.....	1200	55	55	64	70	64	65	52	45	34	40	48	51	54	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	64	69	76	75	78	74	68	68	66	58	61	59	68	4-6
Ko-tse.....	1400	50	56	62	59	68	66	70	62	54	52	54	52	59	4-6
Lin-yü.....	1400	32	35	48	48	59	64	68	64	49	38	40	36	49	4-6
Lo-yang.....	1400	54	60	68	64	71	74	68	62	55	58	58	50	61	4-6
Peiping.....	1400	35	38	51	48	60	62	68	64	49	42	39	35	49	4-6
Shih-men.....	1400	40	42	56	52	61	58	61	62	48	45	45	40	51	4-6
Shih-tao.....	1400	55	52	64	58	65	66	72	65	55	49	52	54	59	4-6
Süchow.....	1400	51	62	68	70	72	71	75	70	61	54	55	55	64	4-6
Tientsin.....	1400	35	39	50	50	56	62	68	64	46	42	44	39	50	4-6
Tsinan.....	1400	44	49	55	54	64	62	70	65	50	46	45	44	54	4-6
Tsingtao.....	1400	49	52	61	62	62	69	70	61	56	50	51	48	58	4-6

See footnotes at end of table.

FIGURE 21. MEAN CLOUDINESS (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:															
An-k'ang.....	1600	66	75	74	75	75	80	70	62	69	68	79	66	71	4-6
Ch'ang-chih.....	1400	48	51	61	58	69	62	64	62	55	52	50	41	56	4-6
Dolon Nor.....	1400	42	48	54	65	62	71	70	68	55	41	41	42	55	4-6
Fu-shih.....	1600	46	49	60	65	69	68	66	65	61	56	49	40	58	4-6
Hsi-feng-chen.....	1600	45	50	65	62	74	78	70	71	65	65	55	46	62	4-6
Kuei-sui.....	1600	39	45	52	58	62	65	66	62	52	38	39	39	51	4-6
Lan-chou.....	1600	48	50	64	70	74	76	64	62	61	54	46	39	59	4-6
Sian.....	1600	55	66	70	70	72	74	69	64	66	65	60	51	65	4-6
T'ai-yüan.....	1400	39	41	56	56	62	62	62	61	51	49	42	38	51	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1600	34	38	51	55	60	59	61	61	46	39	32	31	48	4-6
Wu-tu.....	1600	65	75	80	81	82	82	71	70	75	70	64	54	72	4-6
Yen Ch'ih.....	1600	41	45	58	61	69	69	62	65	55	49	41	39	55	4-6
Yü-hlin.....	1600	36	41	56	54	62	62	64	61	52	45	40	40	51	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	36	40	56	58	64	66	60	56	45	36	32	40	49	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1400	40	44	56	66	64	72	60	62	58	46	40	41	55	4-6
Hsing-hsing-hsia*.....	1500	45	50	58	62	65	60	60	52	41	32	42	44	51	4-5
Hsi-su-ni-t'e-wang-fu.....	1400	36	40	49	59	61	69	65	61	49	40	41	40	51	4-6
O'chi-na-ch'i.....	1600	25	36	64	50	na	na	54	54	28	25	32	34	na	1
P'ang-peí.....	1600	32	39	48	58	64	66	59	58	46	35	35	35	48	4-6
Pan-ting-t'o-lo-kai.....	1600	30	31	48	56	na	na	na	52	52	41	31	32	na	1
Shan-pa.....	1600	34	34	52	50	60	60	59	55	45	36	32	35	46	4-6
Shan-tan.....	1600	50	55	64	64	68	71	65	58	51	40	46	51	58	3-5
Ting-hsin.....	1600	41	46	52	66	60	64	60	49	42	38	42	48	51	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieu-miao).....	1400	36	38	51	69	66	65	65	64	56	41	42	40	52	4-6
Tun-huang.....	1500	51	54	62	59	61	58	54	48	39	36	45	49	51	4-6
Wen-ch'üan*.....	1400	49	46	55	70	70	76	78	75	69	51	55	52	62	4-6
Yin-ch'uan.....	1600	35	41	55	56	64	66	58	58	52	48	41	40	51	4-6
Yü-men.....	1500	54	55	64	72	75	64	56	49	41	40	51	49	56	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1700	62	66	74	76	75	70	68	60	60	60	64	58	66	4-6
Ko-tee.....	1700	48	56	64	61	69	69	65	60	52	54	54	50	59	4-6
Lin-yü.....	1700	38	35	54	50	60	68	64	64	46	39	39	35	49	4-6
Lo-yang.....	1700	52	58	72	66	75	74	71	59	58	58	58	49	62	4-6
Peiping.....	1700	36	39	52	55	64	69	64	69	49	41	42	39	51	4-6
Shih-men.....	1700	42	44	61	59	65	65	59	59	50	45	45	40	52	4-6
Shih-tao.....	1700	52	52	61	60	64	70	74	65	54	48	48	51	59	4-6
Süchow.....	1700	50	60	65	69	74	69	70	65	55	52	58	51	61	4-6
Tientsin.....	1700	38	35	49	54	59	66	58	60	46	39	39	40	49	4-6
Tsinan.....	1700	45	49	58	52	62	64	65	61	50	48	49	44	54	4-6
Tsingtao.....	1700	50	54	61	62	69	70	74	62	54	49	49	49	59	4-6
Central Highlands:															
An-k'ang.....	1900	55	68	71	75	75	78	72	65	64	65	71	64	69	4-6
Ch'ang-chih.....	1700	50	48	65	62	71	69	69	62	59	54	50	46	59	4-6
Dolon Nor.....	1700	39	45	55	68	68	72	66	64	55	42	38	41	55	4-6
Fu-shih.....	1900	32	35	49	55	62	66	64	64	50	42	39	31	49	4-6
Hsi-feng-chen.....	1900	35	39	58	64	66	71	64	66	56	50	48	32	54	4-6
Kuei-sui.....	1900	21	32	44	49	60	61	62	59	42	28	25	22	42	4-6
Lan-chou.....	1900	41	48	65	72	76	72	65	68	61	45	40	34	58	4-6
Sian.....	1900	40	50	64	68	70	72	65	64	61	60	46	45	59	4-6
T'ai-yüan.....	1700	40	41	60	60	68	68	65	64	51	46	42	40	54	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	16	29	41	49	55	61	56	56	34	22	21	19	39	4-6
Wu-tu.....	1900	62	71	81	85	84	82	72	75	72	69	62	51	72	4-6
Yen Ch'ih.....	1900	25	32	55	54	64	64	59	55	44	35	30	29	45	4-6
Yü-lin.....	1900	25	32	50	52	58	61	56	56	46	36	30	28	46	4-6

See footnotes at end of table.

FIGURE 21. MEAN CLOUDINESS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1900	26	31	50	55	64	60	56	52	40	30	24	24	42	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1700	39	45	54	66	68	72	68	62	58	42	42	42	55	4-6
Hsing-hsing-hsia*	1800	35	42	58	58	61	58	55	44	32	29	25	35	44	4-6
Hsi-su-ni-t'e-wang-fu	1700	35	39	52	64	61	68	66	58	51	36	40	40	51	4-6
O-chi-na-ch'i	1900	16	26	58	59	na	na	46	46	29	19	29	29	na	1
P'ang-pei	1900	19	26	42	55	60	60	58	54	42	22	24	20	40	4-6
Pan-ting-t'o-lo-kai	1900	18	24	42	52	60	52	40	42	45	26	24	18	38	1-3
Shan-pa	1900	21	29	48	50	59	62	54	52	39	24	20	24	40	4-6
Shan-tan	1900	41	49	65	68	69	70	68	64	52	40	32	38	55	4-6
Ting-hsin	1900	34	44	58	66	65	66	60	50	40	35	30	34	49	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-r-k'u-lieh-miao)	1700	35	38	50	61	64	70	71	61	59	41	44	36	52	4-6
Tun-huang	1800	41	48	61	65	64	56	55	49	32	31	35	36	48	4-6
Wen-ch'uan*	1700	51	45	59	71	70	74	76	65	70	51	52	54	61	4-6
Yin-ch'uan	1900	29	31	51	56	64	65	58	56	44	32	26	28	45	4-6
Yü-men	1800	49	55	68	72	76	65	61	52	40	40	42	41	55	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 22. MEAN NUMBER OF CLEAR DAYS (≥ 2 -EIGHTHS CLOUD COVER) AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang	2300	16	12	10	11	10	9	13	17	13	13	11	14	151	4-6
Ko-tse	2300	19	18	15	14	14	12	13	16	15	16	12	19	181	4-6
Lin-yü	2300	24	22	19	19	17	14	13	12	20	23	20	21	224	3-5
Lo-yang	2300	20	16	13	15	10	10	11	14	15	14	14	18	169	4-6
Peip'ing	2300	22	18	16	18	16	12	12	13	17	20	19	20	204	4-6
Shih-men	2300	22	19	16	17	16	14	13	13	17	19	18	21	205	4-6
Shih-tao	2300	18	19	15	15	16	10	9	13	20	19	16	18	189	3-5
Süchow	2300	20	15	11	14	9	10	9	15	14	17	13	17	164	3-5
Tientsin	2300	23	20	18	18	17	14	16	15	19	21	18	20	218	4-6
Tsinan	2300	20	19	17	18	15	14	14	15	17	19	17	19	204	4-6
Tsingtao	2300	20	17	14	13	12	9	7	13	17	18	15	18	173	4-6
Central Highlands:															
An-k'ang	0100	11	9	8	10	8	9	10	12	11	10	8	12	116	4-6
Ch'ang-chih	2300	21	17	15	17	15	13	12	14	15	15	15	19	187	3-5
Dolon Nor	2300	23	19	19	19	17	12	14	17	18	21	21	22	220	4-6
Fu-shih	0100	21	18	18	17	15	15	13	13	16	18	18	21	204	4-6
Hsi-feng-chen	0100	18	16	16	13	12	12	11	11	15	16	15	19	174	4-6
Kuei-sui	0100	24	20	20	18	20	15	15	16	21	21	22	24	236	4-6
Lan-chou	0100	18	15	14	11	11	12	12	14	14	17	16	22	178	4-6
Sian	0100	15	14	12	10	13	9	13	14	14	14	14	18	160	4-6
T'ai-yüan	2300	24	20	17	17	15	13	14	14	17	18	18	22	209	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u)	0100	27	21	22	21	2	17	18	19	22	24	24	25	261	4-6
Wu-tu	0100	11	9	8	8	7	8	9	10	9	8	10	14	110	4-6
Yen Ch'ih	0100	23	18	19	19	16	16	16	18	18	20	20	23	225	4-6
Yü-lin	0100	22	19	19	18	16	16	15	16	19	20	21	22	224	4-6
Northern Plateau:															
Chi-lan-t'ai	0100	23	20	20	18	15	15	16	17	20	21	22	22	228	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	2300	20	19	21	18	18	15	15	16	18	23	21	23	225	4-6
Hsing-hsing-hsia*	0000	21	21	20	18	17	18	16	19	23	25	22	21	241	4-6
Hsi-su-ni-t'e-wang-fu	2300	24	22	21	18	19	17	16	15	19	23	24	25	242	4-6
O-chi-na-ch'i	0100	24	22	19	21	4	na	16	16	24	24	22	26	na	1
P'ang-pei	0100	25	21	23	19	18	16	18	17	24	25	23	24	252	4-6
Pan-ting-t'o-lo-kai	0100	27	23	26	23	na	na	31	31	na	na	26	27	na	1

See footnotes at end of table.

FIGURE 22. CLEAR DAYS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau (Con.):															
Shan-pa.....	(LST) 0100	24	20	21	20	20	16	18	18	21	22	23	24	247	4-6
Shan-tan.....	0100	22	20	18	17	16	14	13	14	18	22	23	23	219	4-6
Ting-hsin.....	0100	23	21	18	18	16	17	17	19	23	24	22	22	240	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	2300	22	19	20	18	17	14	14	17	16	23	21	25	225	4-6
Tun-huang.....	0000	20	20	16	16	18	17	17	20	23	24	22	19	232	4-6
Wen-ch'üan*.....	2300	15	17	19	17	17	14	14	14	15	20	20	17	198	3-5
Yin-ch'uan.....	0100	23	19	19	19	17	15	17	15	20	19	21	24	226	4-6
Yü-men.....	0000	20	19	15	15	14	15	16	19	22	23	19	18	214	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	15	13	11	11	10	9	11	12	14	15	14	16	149	4-6
Ko-tse.....	0500	18	16	14	16	13	10	10	13	17	17	17	21	180	4-6
Lin-yü.....	0500	23	22	18	17	15	8	9	10	19	20	23	22	203	3-5
Lo-yang.....	0500	16	14	12	12	11	9	9	13	15	16	14	19	159	4-6
Peiping.....	0500	22	18	17	16	13	8	7	7	18	20	21	23	193	4-6
Shih-men.....	0500	20	19	18	16	12	11	11	12	19	18	20	22	197	4-6
Shih-tao.....	0500	19	19	17	13	12	6	6	8	15	19	15	18	167	3-5
Süchow.....	0500	17	15	12	12	10	8	8	11	14	16	14	18	155	3-5
Tientsin.....	0500	22	20	17	17	15	10	10	11	20	22	21	22	206	4-6
Tsinan.....	0500	19	19	16	16	14	11	11	11	17	18	18	19	190	4-6
Tsingtao.....	0500	19	17	15	13	9	6	5	9	16	18	16	20	162	4-6
Central Highlands:															
An-k'ang.....	0700	8	6	4	5	4	5	5	9	8	5	3	7	67	4-6
Ch'ang-chih.....	0500	18	17	14	14	13	11	10	13	18	17	19	20	182	4-6
Dolon Nor.....	0500	24	18	19	16	16	12	13	13	19	21	21	22	215	4-6
Fu-shih.....	0700	18	14	14	12	11	11	11	8	12	13	16	17	154	4-6
Hsi-feng-chen.....	0700	15	11	11	9	9	9	10	7	11	12	12	17	135	4-6
Kuei-sui.....	0700	21	16	16	16	15	12	11	12	16	18	19	21	193	4-6
Lan-chou.....	0700	18	13	8	9	10	9	12	10	12	13	13	20	147	4-6
Sian.....	0700	13	8	8	6	7	8	7	9	12	10	10	13	111	4-6
T'ai-yüan.....	0500	22	20	18	16	15	11	11	12	20	18	20	23	205	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0700	22	19	16	17	15	16	14	15	19	20	21	21	213	4-6
Wu-tu.....	0700	11	5	8	6	7	4	7	7	8	6	7	13	89	4-6
Yen Ch'ih.....	0700	20	16	13	13	15	12	14	13	14	17	17	20	183	4-6
Yü-lin.....	0700	22	17	13	15	13	13	14	13	16	18	18	22	193	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	21	17	14	15	13	14	12	14	18	20	18	19	195	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	0500	23	19	20	15	12	11	11	13	16	24	21	22	206	4-6
Hsing-hsing-hsia*.....	0600	21	18	15	12	15	15	14	19	20	22	19	19	208	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	24	21	22	18	17	13	15	15	22	24	23	24	239	4-6
O-chi-na-ch'i.....	0700	24	21	17	13	9	17	14	12	21	23	15	21	206	1
P'ang-pei.....	0700	23	18	17	15	13	13	15	16	18	20	20	20	207	4-6
Pan-ting-t'o-lo-kai.....	0700	22	19	20	14	na	na	na	31	na	31	22	25	na	1
Shan-pa.....	0700	22	20	16	15	14	15	13	14	20	20	20	23	212	4-6
Shan-tan.....	0700	20	19	12	13	12	12	13	13	17	19	22	22	192	4-6
Ting-hsin.....	0700	19	17	12	14	14	13	15	15	18	21	19	20	196	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	0500	23	20	21	16	14	11	10	14	17	23	21	21	213	4-6
Tun-huang.....	0600	17	16	13	11	14	12	13	18	21	20	19	18	189	4-6
Wen-ch'üan*.....	0500	16	16	18	15	11	10	8	10	14	21	18	16	172	3-6
Yin-ch'uan.....	0700	20	16	13	13	14	12	12	12	16	17	17	20	181	4-6
Yü-men.....	0600	17	15	12	10	11	12	12	18	20	18	18	18	182	4-6

See footnotes at end of table.

FIGURE 22. CLEAR DAYS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1100	9	9	7	8	8	7	10	8	9	13	11	11	108	4-6
Ko-tse.....	1100	15	12	11	11	10	10	6	12	13	16	15	14	145	4-6
Lin-yü.....	1100	20	18	15	17	13	10	7	10	14	19	17	21	180	4-6
Lo-yang.....	1100	14	12	10	10	9	9	8	7	12	13	11	14	131	4-6
Peiping.....	1100	20	15	15	16	14	10	8	10	14	18	17	20	178	4-6
Shih-men.....	1100	19	17	13	16	12	11	11	11	17	16	16	18	177	4-6
Shih-tao.....	1100	19	19	17	13	12	6	6	8	15	19	15	18	167	4-6
Süchow.....	1100	15	12	10	9	8	10	5	8	11	15	12	15	129	4-6
Tientsin.....	1100	20	19	15	17	13	11	7	9	16	18	16	20	179	4-6
Tsinan.....	1100	17	14	14	12	12	10	8	9	14	17	15	17	159	4-6
Tsingtao.....	1100	16	14	12	12	12	8	6	11	13	16	13	17	148	4-6
Central Highlands:															
An-k'ang.....	1300	9	6	7	6	6	5	7	12	12	9	6	9	93	4-6
Ch'ang-chih.....	1100	16	15	11	13	10	10	8	8	14	15	15	17	151	4-6
Dolon Nor.....	1100	19	16	16	13	13	9	10	10	16	19	20	18	179	4-6
Fu-shih.....	1300	17	13	13	11	9	8	9	9	12	13	15	18	145	4-6
Hsi-feng-chen.....	1300	16	12	11	8	8	6	7	5	8	11	12	15	117	4-6
Kuei-sui.....	1300	17	15	13	11	10	7	9	9	15	17	18	17	159	4-6
Lan-chou.....	1300	15	14	11	10	9	7	12	10	12	13	17	19	147	4-6
Sian.....	1300	12	8	9	9	9	7	8	9	11	11	12	13	116	4-6
T'ai-yüan.....	1100	20	17	14	14	11	14	12	12	16	16	16	20	180	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1300	19	18	13	13	11	9	7	9	16	19	18	19	171	4-6
Wu-tu.....	1300	13	8	10	7	7	4	8	8	8	10	12	16	110	4-6
Yen Ch'ih.....	1300	18	16	14	11	8	7	9	9	13	16	17	20	155	4-6
Yü-lin.....	1300	20	15	13	13	11	12	10	12	15	17	18	19	174	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1300	19	17	14	14	10	10	12	11	16	20	18	19	181	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	1100	19	17	15	10	12	9	9	10	14	18	18	19	168	4-6
Hsing-hsing-hsia*.....	1200	17	15	12	11	10	10	12	15	18	20	16	15	170	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	20	17	17	13	13	14	12	15	16	20	19	20	197	4-6
O-chi-na-ch'i.....	1300	18	15	12	12	16	8	13	9	20	24	19	19	183	1
P'ang-pei.....	1300	20	17	16	13	12	6	10	12	15	20	19	20	179	4-6
Pan-ting-t'o-lo-kai.....	1300	25	22	17	12	na	na	na	na	na	na	21	24	na	1
Shan-pa.....	1300	18	19	14	15	11	12	12	14	17	20	20	19	188	4-6
Shan-tan.....	1300	18	15	12	14	11	10	13	13	17	20	20	19	181	4-6
Ting-hsin.....	1300	19	16	15	11	13	11	14	17	20	20	19	18	192	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	1100	20	18	15	9	11	10	10	10	12	19	18	17	169	4-6
Tun-huang.....	1200	17	14	13	10	11	12	16	17	19	20	14	16	177	4-6
Wen-ch'üan*.....	1100	14	16	15	11	8	7	4	7	9	15	14	13	132	4-6
Yin-ch'üan.....	1300	19	16	15	13	10	10	11	11	14	18	18	18	172	4-6
Yü-men.....	1200	14	13	11	9	11	11	14	17	20	19	16	16	171	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	10	8	6	7	6	5	7	6	8	13	11	13	100	4-6
Ko-tse.....	1400	15	12	11	12	10	9	6	10	13	14	13	15	139	4-6
Lin-yü.....	1400	21	18	15	15	12	9	8	9	15	19	18	20	180	4-6
Lo-yang.....	1400	15	10	10	10	8	7	7	10	13	12	11	15	128	4-6
Peiping.....	1400	20	17	14	15	10	9	7	8	15	18	18	20	171	4-6
Shih-men.....	1400	19	16	13	14	11	12	11	9	15	17	17	19	170	4-6
Shih-tao.....	1400	14	13	11	12	10	9	7	10	13	15	13	13	141	4-6
Süchow.....	1400	14	10	9	8	7	6	4	4	10	14	12	13	110	4-6
Tientsin.....	1400	19	17	15	15	12	10	7	7	15	17	16	19	168	4-6
Tsinan.....	1400	17	14	13	13	10	9	5	8	14	16	16	17	153	4-6
Tsingtao.....	1400	15	13	11	11	10	8	7	10	13	15	14	15	144	4-6
Central Highlands:															
An-k'ang.....	1600	9	6	8	6	7	3	6	10	8	10	6	10	87	4-6
Ch'ang-chih.....	1400	15	13	10	12	8	10	8	10	12	14	14	18	142	4-6
Dolon Nor.....	1400	18	14	14	9	10	5	6	7	12	18	17	18	148	4-6
Fu-shih.....	1600	15	14	12	9	8	9	8	9	10	12	14	18	138	4-6

See footnotes at end of table.

FIGURE 22. CLEAR DAYS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands (Con.):															
Hsi-feng-chen.....	1600	17	14	9	10	6	5	6	7	9	10	13	16	122	4-6
Kuei-sui.....	1600	18	15	13	10	10	7	7	10	13	19	18	19	159	4-6
Lan-chou.....	1600	15	13	10	8	6	5	9	10	10	14	15	18	132	4-6
Sian.....	1600	13	9	8	7	7	7	8	9	9	10	11	15	112	4-6
T'ai-yüan.....	1400	19	15	12	13	10	10	10	11	14	15	17	19	164	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1600	20	17	14	12	9	7	7	8	15	18	20	21	169	4-6
Wu-tu.....	1600	10	6	5	4	3	3	6	8	5	8	10	13	81	4-6
Yen Ch'ih.....	1600	18	14	13	10	8	6	8	7	12	16	17	18	147	4-6
Yü-lin.....	1600	20	16	13	13	11	10	8	10	13	17	17	18	165	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	20	16	13	11	8	8	10	11	15	19	21	18	170	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	1400	19	16	12	8	9	4	5	9	10	17	19	18	146	4-6
Hsing-hsing-hsia*.....	1500	16	13	12	9	8	10	10	13	16	21	17	16	161	4-5
Hsi-su-ni-t'e-wang-fu.....	1400	18	16	15	11	10	6	7	8	14	19	17	18	158	4-6
O-chi-na-ch'i.....	1600	24	19	9	13	12	na	13	11	22	22	20	22	na	1
P'ang-pei.....	1600	21	16	15	11	8	7	8	10	15	20	19	19	171	4-6
Pan-ting-t'o-lo-kai.....	1600	22	19	15	11	na	na	8	10	13	19	22	20	na	1
Shan-pa.....	1600	20	18	14	14	11	9	10	12	16	20	21	19	183	4-6
Shan-tan.....	1600	15	12	10	9	8	6	9	13	14	20	16	14	145	3-5
Ting-hsin.....	1600	18	15	14	9	11	9	11	14	17	19	17	16	167	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	1400	20	18	13	6	8	7	7	7	10	18	16	19	148	4-6
Tun-huang.....	1500	14	12	11	11	11	12	12	15	18	20	15	14	164	4-6
Wen-ch'üan*.....	1400	15	14	13	7	7	4	3	5	7	14	12	14	115	4-6
Yin-ch'uan.....	1600	20	16	13	11	10	9	11	12	13	18	18	19	170	4-6
Yü-men.....	1500	14	13	11	8	7	11	13	15	18	19	14	16	160	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1700	11	9	7	6	6	7	7	12	11	11	10	12	109	4-6
Ko-tse.....	1700	15	11	11	11	9	7	9	11	14	14	13	16	141	4-6
Lin-yü.....	1700	18	18	14	13	11	8	9	8	16	19	18	20	173	4-6
Lo-yang.....	1700	14	12	8	10	7	7	7	12	12	13	12	15	128	4-6
Peiping.....	1700	19	17	14	12	10	7	7	8	14	18	17	19	163	4-6
Shih-men.....	1700	17	15	11	11	9	9	11	12	14	17	16	18	162	4-6
Shih-tao.....	1700	15	14	12	12	11	8	6	10	13	16	16	16	147	4-6
Süchow.....	1700	15	10	10	8	7	7	6	8	13	14	12	14	125	4-6
Tientsin.....	1700	19	18	16	13	12	9	11	10	16	18	18	18	176	4-6
Tsinan.....	1700	16	14	12	14	10	9	9	10	15	16	15	17	156	4-6
Tsingtao.....	1700	16	12	12	10	8	8	6	9	13	16	15	16	140	4-6
Central Highlands:															
An-k'ang.....	1900	13	9	8	7	6	4	5	10	10	10	6	11	99	4-6
Ch'ang-chih.....	1700	15	14	10	10	6	8	6	9	10	13	14	16	130	4-6
Dolon Nor.....	1700	19	16	13	8	8	5	8	9	13	17	20	19	152	4-6
Fu-shih.....	1900	20	18	15	13	10	8	9	10	14	17	18	20	172	4-6
Hsi-feng-chen.....	1900	20	17	12	10	9	6	9	10	13	16	15	21	158	4-6
Kuei-sui.....	1900	24	18	16	15	10	9	10	11	17	22	22	24	199	4-6
Lan-chou.....	1900	17	14	10	7	5	6	9	8	10	17	18	20	139	4-6
Sian.....	1900	18	13	11	9	8	6	8	10	11	12	16	17	138	4-6
T'ai-yüan.....	1700	18	16	11	11	8	8	7	10	13	16	17	18	154	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1900	26	20	18	14	12	8	12	11	20	24	24	26	214	4-6
Wu-tu.....	1900	11	7	5	4	4	3	6	5	7	9	10	15	85	4-6
Yen Ch'ih.....	1900	24	19	14	13	10	9	11	14	17	20	21	22	195	4-6
Yü-lin.....	1900	24	20	16	15	12	10	11	13	17	20	21	22	199	4-6

See footnotes at end of table.

FIGURE 22. CLEAR DAYS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1900	23	20	15	12	9	10	12	13	18	21	23	24	199	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1700	19	15	13	9	8	3	7	9	11	17	17	17	145	4-6
Hsing-hsing-hsia*	1800	20	15	13	11	10	11	13	18	20	22	22	20	193	4-6
Hsi-su-ni-t'e-wang-fu	1700	20	17	12	9	9	6	7	11	14	20	17	18	159	4-6
O-chi-na-ch'i	1900	28	21	11	10	0	na	17	15	23	28	21	23	na	1
P'ang-pei	1900	25	20	18	13	10	10	10	13	17	25	23	25	208	4-6
Pan-t'ing-t'o-lo-kai	1900	27	22	18	14	11	15	18	17	16	22	24	27	230	1-3
Shan-pa	1900	25	20	16	14	12	8	13	14	18	23	25	23	210	4-6
Shan-tan	1900	18	14	10	8	7	8	8	9	13	19	20	19	153	4-6
Ting-hsin	1900	20	16	13	9	10	9	11	15	18	20	21	21	182	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1700	21	17	15	9	9	6	5	9	9	18	16	20	152	4-6
Tun-huang	1800	18	14	11	8	9	11	12	15	20	21	19	19	176	4-6
Wen-ch'üan*	1700	15	14	11	7	7	5	4	8	7	14	14	13	118	4-6
Yin-ch'uan	1900	23	19	15	12	9	9	11	12	17	20	22	23	191	4-6
Yü-men	1800	17	13	10	8	7	10	11	14	18	19	18	19	164	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 23. MEAN NUMBER OF CLOUDY DAYS (≥ 6 -EIGHTHS CLOUD COVER) AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang	2300	14	14	21	17	19	18	16	12	15	16	18	16	196	4-6
Ko-tse	2300	11	10	15	15	15	16	16	12	13	14	17	12	164	4-6
Lin-yü	2300	6	6	11	10	12	15	16	16	9	7	9	9	124	3-5
Lo-yang	2300	10	11	17	14	19	17	18	16	14	16	13	13	177	4-6
Peiping	2300	8	9	13	11	13	16	16	16	11	9	9	10	139	4-6
Shih-men	2300	8	8	14	11	13	16	16	16	12	11	11	10	146	4-6
Shih-tao	2300	11	8	15	13	13	18	21	16	9	11	12	11	160	3-5
Süchow	2300	10	12	18	15	20	17	18	13	14	13	16	13	180	3-5
Tientsin	2300	8	7	13	11	12	15	14	15	10	8	11	10	132	4-6
Tsinan	2300	10	8	13	11	14	15	14	14	12	11	12	11	146	4-6
Tsingtao	2300	10	9	16	15	17	19	22	15	11	12	14	12	174	4-6
Central Highlands:															
An-k'ang	0100	19	18	21	18	22	18	19	16	16	20	21	18	226	4-6
Ch'ang-chih	2300	9	10	15	12	14	13	15	16	13	15	13	9	154	3-5
Dolon Nor	2300	7	8	10	11	11	15	14	12	9	8	8	8	121	4-6
Fu-shih	0100	9	10	13	11	14	14	14	17	12	11	11	9	144	4-6
Hsi-feng-chen	0100	11	10	14	15	17	16	18	19	14	14	14	11	174	4-6
Kuei-sui	0100	6	7	10	11	8	11	13	12	8	8	7	6	106	4-6
Lan-chou	0100	12	11	16	16	18	16	16	16	14	13	12	9	171	4-6
Sian	0100	15	14	18	19	16	19	16	16	14	16	15	13	189	4-6
T'ai-yüan	2300	6	6	13	12	15	14	15	15	12	11	10	8	136	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailu-t'u)	0100	4	5	8	6	8	10	9	9	6	6	5	5	80	4-6
Wu-tu	0100	19	18	22	21	22	20	20	20	21	20	20	16	238	4-6
Yen Ch'ih	0100	7	8	11	10	12	13	12	11	10	9	8	7	117	4-6
Yü-lin	0100	8	8	11	11	12	12	12	13	9	9	8	7	121	4-6

See footnotes at end of table.

FIGURE 23. CLOUDY DAYS (Continued)

REGION AND STATION	HOURLY (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:															
Chi-lan-t'ai	0100	7	7	10	10	13	13	12	12	8	8	6	8	113	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	2300	9	9	9	10	10	12	14	12	11	6	6	7	116	4-6
Hsing-hsing-hsia*	0000	7	5	10	9	11	9	11	9	6	5	6	9	97	4-6
Hsi-su-ni-t'e-wang-fu	2300	5	4	7	10	9	10	12	12	8	7	5	5	95	4-6
O-chi-na-ch'i	0100	6	5	8	8	22	na	12	13	3	5	6	5	na	1
P'ang-pe	0100	4	5	7	10	10	10	12	11	5	5	6	6	89	4-6
Pan-ting-t'o-lo-kai	0100	2	4	4	6	na	na	0	0	na	na	4	3	na	1
Shan-pa	0100	5	6	8	8	9	11	10	10	7	8	5	6	93	4-6
Shan-tan	0100	7	7	11	11	13	14	15	14	10	7	5	7	121	4-6
Ting-hsin	0100	7	6	12	11	14	11	12	10	6	6	6	7	109	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	2300	7	7	9	10	12	12	15	11	10	7	7	5	112	4-6
Tun-huang	0000	9	8	13	11	11	11	12	8	5	5	7	9	108	4-6
Wen-ch'üan*	2300	15	10	11	12	12	13	15	15	14	9	9	13	148	3-5
Yin-ch'uan	0100	7	7	11	10	13	13	12	13	9	11	7	7	119	4-6
Yü-men	0000	10	9	15	15	16	13	14	11	7	7	10	12	138	4-6
Eastern Plain and Hills:															
Hsin-yang	0500	16	15	20	18	21	20	18	18	15	15	16	14	205	4-6
Ko-tse	0500	13	11	13	13	17	19	19	16	12	13	13	10	171	4-6
Lin-yü	0500	8	6	11	12	14	21	19	18	9	9	6	7	140	3-5
Lo-yang	0500	13	13	18	16	18	19	19	17	14	13	15	11	186	4-6
Peiping	0500	8	9	14	12	13	20	21	19	11	10	8	7	152	4-6
Shih-men	0500	10	9	12	13	17	17	19	18	10	12	10	9	155	4-6
Shih-tao	0500	10	8	13	16	17	23	25	20	14	10	13	11	181	3-5
Süchow	0500	13	11	17	16	20	21	20	18	13	13	14	11	187	3-5
Tientsin	0500	9	8	13	12	12	17	17	19	9	8	9	8	140	4-6
Tsinan	0500	12	9	14	13	16	15	17	19	11	12	11	11	158	4-6
Tsingtao	0500	11	10	15	16	21	22	23	20	12	11	13	9	182	4-6
Central Highlands:															
An-k'ang	0700	23	21	26	25	26	23	24	21	20	25	26	24	283	4-6
Ch'ang-chih	0500	13	10	16	14	16	17	18	17	11	13	11	10	164	4-6
Dolon Nor	0500	6	9	10	13	12	15	16	15	11	9	7	8	130	4-6
Fu-shih	0700	12	13	16	16	17	18	19	23	17	17	14	12	192	4-6
Hsi-feng-chen	0700	15	16	19	19	20	19	19	22	17	19	18	12	214	4-6
Kuei-sui	0700	8	9	12	12	14	17	18	16	12	11	10	8	147	4-6
Lan-chou	0700	12	13	19	19	19	20	17	19	16	17	15	10	197	4-6
Sian	0700	17	18	21	22	22	21	21	20	16	20	20	17	232	4-6
T'ai-yüan	0500	9	8	12	12	13	15	18	16	10	12	9	6	139	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u)	0700	7	7	12	12	13	12	13	13	9	8	9	8	122	4-6
Wu-tu	0700	19	22	22	23	23	24	21	21	21	23	22	17	258	4-6
Yen Ch'ih	0700	10	11	16	16	15	16	16	16	15	13	10	9	161	4-6
Yü-lin	0700	8	9	16	14	16	14	14	17	13	12	10	8	150	4-6
Northern Plateau:															
Chi-lan-t'ai	0700	8	9	16	14	16	14	16	15	10	9	11	9	148	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	0500	7	7	9	13	16	17	17	15	11	6	9	7	136	4-6
Hsing-hsing-hsia*	0600	8	8	14	17	14	12	14	11	8	7	8	11	133	4-6
Hsi-su-ni-t'e-wang-fu	0500	6	6	7	10	11	13	14	13	7	5	6	6	103	4-6
O-chi-na-ch'i	0700	4	5	13	15	22	9	12	19	8	3	12	7	129	1
P'ang-pe	0700	7	8	12	14	16	15	14	13	10	8	9	9	133	4-6
Pan-ting-t'o-lo-kai	0700	8	7	8	15	na	na	na	0	na	0	7	4	na	1
Shan-pa	0700	7	7	14	14	14	13	15	15	8	8	8	7	129	4-6
Shan-tan	0700	9	7	17	14	17	16	17	16	11	10	6	7	148	4-6
Ting-hsin	0700	10	10	17	15	15	16	14	12	10	9	9	10	148	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	0500	5	7	8	12	14	14	18	14	9	6	7	8	122	4-6
Tun-huang	0600	12	11	16	17	15	15	14	12	7	9	10	10	146	4-6
Wen-ch'üan*	0500	13	12	12	13	17	18	22	20	15	10	11	13	176	3-6
Yin-ch'uan	0700	9	10	16	16	16	17	16	17	13	12	10	9	160	4-6
Yü-men	0600	13	12	18	20	19	17	17	11	9	11	11	12	169	4-6

See footnotes at end of table.

FIGURE 23. CLOUDY DAYS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1100	20	18	23	21	22	21	18	19	18	17	18	19	234	4-6
Ko-tse.....	1100	15	16	19	18	19	18	22	17	14	14	14	16	202	4-6
Lin-yü.....	1100	9	9	14	10	16	18	22	18	13	11	11	10	161	4-6
Lo-yang.....	1100	16	15	19	18	19	19	21	19	14	16	17	16	209	4-6
Peiping.....	1100	9	10	14	13	14	16	21	18	15	12	12	10	164	4-6
Shih-men.....	1100	11	10	16	14	18	17	18	18	12	15	13	12	174	4-6
Shih-tao.....	1100	10	8	13	16	17	23	25	20	14	10	13	11	181	4-6
Süchow.....	1100	15	14	19	19	21	19	23	20	17	13	17	15	211	4-6
Tientsin.....	1100	10	8	14	12	17	18	20	19	13	12	12	10	164	4-6
Tsinan.....	1100	12	12	16	15	18	17	20	18	14	14	14	13	183	4-6
Tsingtao.....	1100	13	13	18	15	17	20	23	17	14	12	13	13	187	4-6
Central Highlands:															
An-k'ang.....	1300	22	20	23	21	24	23	19	17	17	21	24	20	250	4-6
Ch'ang-chih.....	1100	13	12	20	15	18	17	20	20	15	15	15	11	191	4-6
Dolon Nor.....	1100	10	11	14	15	15	17	17	18	12	11	9	11	160	4-6
Fu-shih.....	1300	13	13	17	17	20	18	18	17	15	17	14	12	192	4-6
Hai-feng-chen.....	1300	14	16	19	20	21	22	22	24	19	19	17	14	228	4-6
Kuei-sui.....	1300	11	11	16	16	19	18	18	18	13	11	11	13	174	4-6
Lan-chou.....	1300	14	14	18	18	20	21	16	19	16	16	12	11	193	4-6
Sian.....	1300	17	19	22	19	21	22	20	18	16	19	17	16	226	4-6
T'ai-yüan.....	1100	10	10	15	14	17	15	17	16	12	13	12	10	160	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1300	10	8	15	15	16	16	18	17	11	8	10	9	152	4-6
Wu-tu.....	1300	17	18	20	19	22	25	20	20	19	20	16	13	229	4-6
Yen Ch'ih.....	1300	12	11	16	16	20	20	18	19	14	14	12	11	183	4-6
Yü-lin.....	1300	10	10	16	16	16	15	17	16	13	12	11	10	163	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1300	10	10	16	14	17	16	17	16	11	10	10	12	159	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1100	11	10	14	17	17	17	19	16	14	10	10	11	167	4-6
Hsing-hsing-hsia*.....	1200	13	12	17	16	19	17	15	12	10	9	12	11	162	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	9	9	11	15	16	13	15	13	12	8	10	10	139	4-6
O-chi-na-ch'i.....	1300	12	12	17	16	16	14	13	16	8	5	9	10	144	1
P'ang-pei.....	1300	10	9	13	15	16	21	15	14	11	8	9	9	149	4-6
Pan-ting-t'o-lo-kai.....	1300	5	4	13	17	na	na	na	na	na	na	9	4	na	1
Shan-pa.....	1300	11	8	16	13	16	15	17	14	11	9	8	10	147	4-6
Shan-tan.....	1300	11	11	16	13	18	18	15	14	10	10	9	10	155	4-6
Ting-hsin.....	1300	10	10	14	17	17	16	14	12	9	9	9	11	149	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1100	9	9	13	18	17	16	17	17	14	11	10	11	162	4-6
Tun-huang.....	1200	12	13	17	18	17	15	12	12	8	8	13	13	157	4-6
Wen-ch'üan*.....	1100	15	11	16	17	21	19	24	22	18	13	16	16	208	4-6
Yin-ch'uan.....	1300	10	10	15	15	18	17	16	16	12	12	10	9	161	4-6
Yü-men.....	1200	16	15	19	21	19	19	14	12	8	10	12	15	177	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	19	19	23	22	24	22	20	20	18	17	17	17	237	4-6
Ko-tse.....	1400	15	15	19	17	20	19	21	18	14	15	15	16	204	4-6
Lin-yü.....	1400	9	8	13	13	17	18	20	19	13	11	10	10	160	4-6
Lo-yang.....	1400	15	16	20	18	1	21	19	17	15	18	16	15	210	4-6
Peiping.....	1400	9	9	14	12		17	20	18	12	12	11	10	159	4-6
Shih-men.....	1400	12	11	17	15		16	18	18	13	13	14	11	176	4-6
Shih-tao.....	1400	15	14	19	16	19	18	22	19	15	13	13	14	196	4-6
Süchow.....	1400	15	16	20	21	22	22	24	21	17	16	16	16	226	4-6
Tientsin.....	1400	10	10	14	14	16	17	20	19	12	12	13	12	169	4-6
Tsinan.....	1400	13	13	16	16	19	17	22	19	13	13	12	13	185	4-6
Tsingtao.....	1400	14	13	18	18	18	19	21	17	15	14	14	13	193	4-6

See footnotes at end of table.

FIGURE 23. CLOUDY DAYS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	1600	20	21	22	22	23	24	21	18	20	20	24	20	255	4-6
Ch'ang-chih.....	1400	15	14	17	17	21	18	18	18	15	16	14	11	194	4-6
Dolon Nor.....	1400	12	12	15	18	18	20	22	21	15	11	11	12	185	4-6
Fu-shih.....	1600	14	13	18	19	20	20	20	19	18	17	14	11	202	4-6
Hsi-feng-chen.....	1600	13	13	20	18	23	23	21	21	18	19	16	14	218	4-6
Kuei-sui.....	1600	10	12	15	16	19	18	20	18	13	10	10	11	171	4-6
Lan-chou.....	1600	13	13	19	20	23	23	18	18	17	15	13	11	203	4-6
Sian.....	1600	17	18	21	20	22	22	20	18	18	20	18	15	227	4-6
T'ai-yüan.....	1400	11	10	17	16	18	17	18	17	14	14	11	9	171	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1600	9	9	15	15	17	15	17	17	10	11	8	8	151	4-6
Wu-tu.....	1600	19	21	25	24	26	25	21	21	22	22	19	16	262	4-6
Yen Ch'ih.....	1600	12	11	17	18	20	20	17	18	14	14	11	10	182	4-6
Yü-lin.....	1600	10	11	17	15	19	18	18	18	14	13	11	11	172	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	10	10	18	17	20	20	17	16	12	10	8	11	168	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1400	10	11	17	19	19	21	20	18	16	11	10	11	184	4-6
Hsing-hsing-hsia*.....	1500	14	13	18	18	20	17	17	15	11	8	11	12	172	4-5
Hsi-su-ni-t'e-wang-fu.....	1400	9	10	14	16	19	21	19	18	12	11	11	11	171	4-6
O-chi-na-ch'i.....	1600	7	8	19	15	12	na	14	12	5	4	7	8	na	1
P'ang-pei.....	1600	8	10	13	16	19	19	16	15	11	9	8	10	154	4-6
Pan-ting-t'o-lo-kai.....	1600	8	8	16	16	na	na	8	15	16	12	7	9	na	1
Shan-pa.....	1600	8	8	16	14	18	17	16	15	11	10	8	8	149	4-6
Shan-tan.....	1600	14	13	19	19	20	20	19	15	13	10	13	15	189	3-5
Ting-hsin.....	1600	12	12	16	20	18	19	18	13	10	10	12	13	172	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1400	9	8	14	20	20	19	19	17	14	11	11	10	173	4-6
Tun-huang.....	1500	15	14	19	17	19	17	14	12	9	9	12	13	169	4-6
Wen-ch'üan*.....	1400	15	13	17	21	22	24	24	23	20	15	16	16	224	4-6
Yin-ch'uan.....	1600	9	11	16	17	19	20	16	16	14	11	9	11	167	4-6
Yü-men.....	1500	16	15	19	21	22	18	15	13	9	10	14	13	185	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1700	19	18	22	23	24	20	20	16	17	18	18	17	231	4-6
Ko-tse.....	1700	14	15	19	17	21	20	20	17	14	17	15	15	202	4-6
Lin-yü.....	1700	10	9	16	14	18	19	20	19	12	11	11	9	166	4-6
Lo-yang.....	1700	15	15	22	19	23	22	21	15	17	17	16	14	215	4-6
Peiping.....	1700	10	9	14	14	19	20	18	20	12	12	12	10	169	4-6
Shih-men.....	1700	13	11	19	18	19	19	16	17	14	14	12	12	184	4-6
Shih-tao.....	1700	14	14	18	18	19	20	23	19	15	14	12	13	197	4-6
Süchow.....	1700	16	16	19	20	22	19	21	19	14	16	17	15	214	4-6
Tientsin.....	1700	11	9	14	15	17	19	16	18	11	11	11	11	163	4-6
Tsinan.....	1700	13	13	17	14	19	17	19	18	13	14	14	13	183	4-6
Tsingtao.....	1700	14	14	18	18	20	20	22	17	14	13	13	13	196	4-6
Central Highlands:															
An-k'ang.....	1900	16	18	22	23	23	24	23	19	18	19	21	20	245	4-6
Ch'ang-chih.....	1700	15	12	20	18	21	19	20	17	16	16	14	13	202	4-6
Dolon Nor.....	1700	10	11	16	20	20	22	20	18	16	12	9	11	186	4-6
Fu-shih.....	1900	9	9	14	16	19	19	19	19	14	13	11	10	171	4-6
Hsi-feng-chen.....	1900	10	9	17	18	21	22	20	20	16	14	14	9	188	4-6
Kuei-sui.....	1900	5	9	12	13	18	17	18	18	11	7	7	6	142	4-6
Lan-chou.....	1900	12	11	20	21	24	22	20	20	17	13	12	10	201	4-6
Sian.....	1900	12	13	19	20	21	22	19	18	17	18	13	14	205	4-6
T'ai-yüan.....	1700	11	11	18	18	20	20	18	18	13	13	13	12	185	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	4	7	11	13	15	17	15	16	8	5	5	3	119	4-6
Wu-tu.....	1900	19	20	25	25	27	25	22	23	22	21	18	15	261	4-6
Yen Ch'ih.....	1900	6	8	16	14	19	18	17	15	11	10	8	8	148	4-6
Yü-lin.....	1900	6	8	14	14	16	18	16	16	11	9	8	8	144	4-6

See footnotes at end of table.

FIGURE 23. CLOUDY DAYS (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1900	10	8	14	15	20	17	16	15	10	8	6	5	140	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1700	10	12	15	19	20	22	20	18	15	12	11	11	185	4-6
Hsing-hsing-hsia*	1800	8	10	17	17	19	16	15	11	8	7	6	9	143	4-6
Hsi-su-ni-t'e-wang-fu	1700	10	9	15	19	18	19	20	16	14	10	10	11	171	4-6
O-chi-na-ch'i	1900	3	3	17	17	25	na	12	11	4	3	6	6	na	1
P'ang-pei	1900	4	6	11	15	17	17	16	15	11	6	6	5	127	4-6
Pan-ting-t'o-lo-kai	1900	4	5	11	15	19	14	9	10	13	6	6	4	114	1-3
Shan-pa	1900	5	7	14	13	17	18	15	15	11	6	5	5	131	4-6
Shan-tan	1900	11	12	19	20	21	21	19	19	14	11	7	10	184	4-6
Ting-hsin	1900	9	12	17	20	21	20	18	14	11	9	7	9	165	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1700	9	8	14	16	19	21	20	18	16	11	12	9	172	4-6
Tun-huang	1800	11	12	18	19	20	15	16	13	8	7	9	9	155	4-6
Wen-ch'üan*	1700	15	12	19	22	21	22	24	20	21	15	15	16	221	4-6
Yin-ch'uan	1900	8	7	15	16	20	19	16	16	11	9	6	7	148	4-6
Yü-men	1800	13	14	20	21	23	19	17	14	11	11	11	11	184	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 24. MEAN NUMBER OF DAYS WITH TOTAL CLOUD COVER ≥ 2 -EIGHTHS AND VISIBILITY $\geq 2\frac{1}{2}$ MILES AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang	2300	16	12	10	11	10	9	13	17	13	13	11	14	151	4-6
Ko-tse	2300	19	17	14	14	14	12	13	16	15	16	12	18	179	4-6
Lin-yü	2300	24	22	19	19	17	14	13	12	20	23	20	21	223	3-5
Lo-yang	2300	20	15	13	16	12	10	13	14	16	12	14	18	172	3-4
Peiping	2300	21	17	17	18	16	12	12	12	17	20	18	17	196	4-6
Shih-men	2300	22	19	16	18	16	14	13	13	17	19	17	20	204	4-6
Shih-tao	2300	18	19	15	15	15	10	8	13	20	19	16	18	186	3-5
Süchow	2300	20	15	11	14	9	10	9	15	14	17	13	17	162	3-5
Tientsin	2300	22	20	18	18	17	14	16	15	19	21	18	20	217	4-6
Tsinan	2300	18	19	16	18	14	14	15	15	17	18	16	17	196	4-6
Tsingtao	2300	20	17	14	13	12	9	7	13	17	18	15	17	173	4-6
Central Highlands:															
An-k'ang	0100	11	9	8	10	8	10	10	12	12	10	7	11	116	4-6
Ch'ang-chih	2300	20	17	15	17	15	12	12	13	15	14	15	19	185	3-5
Dolon Nor	2300	23	18	19	18	17	12	14	17	18	21	21	21	219	4-6
Fu-shih	0100	21	18	18	17	15	15	13	13	16	18	18	21	202	4-6
Hsi-feng-chen	0100	18	16	16	13	12	12	11	11	15	16	15	19	173	4-6
Kuei-sui	0100	24	20	20	18	20	15	15	16	21	21	22	24	236	4-6
Lan-chou	0100	14	14	14	11	11	12	13	14	15	16	15	14	163	4-6
Sian	0100	12	13	11	10	12	8	13	14	14	11	13	16	148	4-6
T'ai-yüan	2300	24	20	17	17	15	13	14	14	17	18	18	21	206	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailu-t'u)	0100	27	21	22	21	21	16	19	20	22	24	24	25	261	4-6
Wu-tu	0100	11	9	9	8	8	8	9	10	10	8	10	14	113	4-6
Yen Ch'ih	0100	22	18	18	19	16	16	16	18	18	20	20	22	222	4-6
Yü-lin	0100	22	19	19	18	16	16	15	16	19	20	21	22	224	4-6

See footnotes at end of table.

FIGURE 24. DAYS WITH TOTAL CLOUD COVER ≥ 2 -EIGHTHS AND VISIBILITY $\leq 2\frac{1}{2}$ MILES (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai.....	0100	23	20	20	18	15	15	16	18	20	21	22	22	229	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	2300	20	19	21	18	17	15	14	16	18	23	21	23	225	4-6
Hsing-hsing-hsia*.....	0000	21	21	20	18	17	18	16	19	23	25	22	20	240	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	25	23	22	18	19	17	16	16	20	24	24	25	248	2-4
O-chi-na-ch'i.....	0100	24	21	19	21	na	na	16	16	24	24	22	26	na	1
P'ang-pei.....	0100	25	21	23	19	18	16	18	17	24	25	23	24	251	4-6
Pan-ting-t'o-lo-kai.....	0100	27	23	26	22	na	na	31	31	na	na	26	26	na	1
Shan-pa.....	0100	24	20	21	20	20	16	18	18	21	22	23	24	247	4-6
Shan-tan.....	0100	22	20	18	16	16	14	13	14	18	22	23	23	218	4-6
Ting-hsin.....	0100	23	21	17	18	16	17	17	19	22	25	22	22	240	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	2300	22	19	20	17	17	14	14	17	16	22	21	25	225	4-6
Tun-huang.....	0000	20	20	16	16	18	17	17	20	23	24	22	19	232	4-6
Wen-ch'üan*.....	2300	15	17	19	17	16	13	14	14	15	20	20	17	198	3-5
Yin-ch'uan.....	0100	22	19	18	18	17	16	17	15	20	19	21	23	225	4-6
Yü-men.....	0000	20	19	15	15	14	15	16	19	22	23	19	18	214	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	15	12	11	10	9	9	10	12	14	15	12	16	144	4-6
Ko-tse.....	0500	17	16	14	17	13	9	9	12	16	17	16	20	176	4-6
Lin-yü.....	0500	23	20	18	17	14	8	9	10	19	20	23	22	202	4-6
Lo-yang.....	0500	16	13	13	14	12	9	10	13	15	15	12	20	161	3-4
Peiping.....	0500	21	17	16	16	13	8	7	8	18	19	21	21	183	4-6
Shih-men.....	0500	20	19	18	16	12	11	10	11	19	18	19	22	194	4-6
Shih-tao.....	0500	19	19	17	13	12	6	5	8	15	19	15	17	165	3-5
Süchow.....	0500	17	15	11	12	8	8	7	11	13	16	14	18	148	4-6
Tientsin.....	0500	21	19	16	17	15	9	9	11	19	21	20	20	197	4-6
Tsainan.....	0500	18	18	16	16	14	11	11	11	17	18	17	18	184	4-6
Tsingtao.....	0500	19	17	15	13	8	5	5	9	16	18	16	20	161	4-6
Central Highlands:															
An-k'ang.....	0700	8	6	4	5	4	5	5	9	8	5	3	5	65	4-6
Ch'ang-chih.....	0500	17	17	13	14	13	11	10	12	17	17	18	20	178	4-6
Dolon Nor.....	0500	24	18	19	16	16	12	13	13	18	21	21	22	212	4-6
Fu-shih.....	0700	18	14	13	12	11	11	11	7	11	13	16	17	153	4-6
Hsi-feng-chen.....	0700	15	11	11	9	9	9	10	7	11	11	11	16	131	4-6
Kuei-sui.....	0700	19	16	16	16	15	12	11	13	16	18	19	19	189	4-6
Lan-chou.....	0700	13	11	9	8	10	8	12	10	12	11	11	11	126	4-6
Sian.....	0700	9	6	5	5	6	7	6	8	8	4	5	8	77	4-6
T'ai-yüan.....	0500	22	20	18	16	15	11	10	11	19	17	20	23	201	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u).....	0700	22	19	16	16	15	16	14	15	19	20	21	21	213	4-6
Wu-tu.....	0700	11	6	8	6	7	4	7	7	8	6	8	13	89	4-6
Yen Ch'ih.....	0700	19	16	12	12	15	12	14	13	14	17	17	20	181	4-6
Yü-lin.....	0700	22	17	13	15	13	13	14	13	16	17	18	22	190	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	21	17	14	15	13	14	12	14	18	20	18	19	194	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	0500	23	19	20	15	12	11	11	12	16	24	20	22	205	4-6
Hsing-hsing-hsia*.....	0600	21	18	15	12	15	15	14	18	20	22	19	19	207	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	25	22	23	19	17	13	15	16	23	24	24	25	246	4-6
O-chi-na-ch'i.....	0700	24	21	17	12	na	19	14	12	21	23	15	21	na	1
P'ang-pei.....	0700	23	18	17	15	13	13	15	16	18	20	20	20	207	4-6
Pan-ting-t'o-lo-kai.....	0700	22	19	20	14	na	na	na	na	na	na	22	25	na	1
Shan-pa.....	0700	22	20	15	15	13	16	14	14	20	20	19	23	211	4-6
Shan-tan.....	0700	20	19	12	13	12	12	13	13	17	19	21	22	191	4-6
Ting-hsin.....	0700	20	17	12	14	14	13	15	15	18	21	19	20	196	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	0500	23	20	21	16	14	11	10	14	17	23	22	21	212	4-6
Tun-huang.....	0600	17	16	13	11	13	12	13	18	21	20	19	19	189	4-6
Wen-ch'üan*.....	0500	16	16	18	15	11	10	8	10	14	20	18	15	172	3-6
Yin-ch'uan.....	0700	20	16	13	12	14	12	12	12	16	17	17	19	180	4-6
Yü-men.....	0600	17	15	13	9	11	12	12	18	20	18	18	18	182	4-6

See footnotes at end of table.

FIGURE 24. DAYS WITH TOTAL CLOUD COVER ≥ 2 -EIGHTHS AND VISIBILITY $\leq 2\frac{1}{2}$ MILES (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1100	9	9	7	7	7	7	10	8	9	13	11	11	108	4-6
Ko-tse.....	1100	15	11	11	10	10	10	6	12	13	16	15	14	143	4-6
Lin-yü.....	1100	20	18	14	17	13	10	7	9	14	19	17	21	179	4-6
Lo-yang.....	1100	14	11	11	10	10	9	8	7	12	13	11	14	130	4-6
Peiping.....	1100	18	14	14	16	14	10	7	10	14	17	16	18	168	4-6
Shih-men.....	1100	19	17	13	16	12	11	11	11	17	15	16	18	174	4-6
Shih-tao.....	1100	14	14	12	14	11	7	6	10	12	15	14	16	145	4-6
Süchow.....	1100	14	12	10	9	8	10	6	8	11	15	12	15	127	4-6
Tientsin.....	1100	19	18	15	16	12	11	7	9	16	18	16	17	174	4-6
Tsinan.....	1100	17	14	14	13	12	10	8	9	14	17	15	15	157	4-6
Tsingtao.....	1100	16	14	12	12	11	8	6	11	13	16	14	16	147	4-6
Central Highlands:															
An-k'ang.....	1300	9	6	7	6	6	5	7	11	12	9	6	9	92	4-6
Ch'ang-chih.....	1100	16	15	11	13	10	10	8	8	14	15	14	17	149	4-6
Dolon Nor.....	1100	19	16	16	13	13	9	10	10	16	19	20	18	179	4-6
Fu-shih.....	1300	17	13	13	11	9	8	9	9	12	13	15	18	145	4-6
Hsi-feng-chen.....	1300	16	12	11	8	8	6	7	5	8	11	12	15	116	4-6
Kuei-sui.....	1300	17	14	13	11	10	7	9	9	15	17	18	17	157	4-6
Lan-chou.....	1300	8	11	10	9	8	7	12	10	12	13	15	11	127	4-6
Sian.....	1300	12	8	9	9	9	7	8	9	11	11	11	12	115	4-6
T'ai-yüan.....	1100	18	16	14	14	11	13	12	12	16	16	15	18	174	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	19	17	13	13	11	9	7	9	16	19	18	19	171	4-6
Wu-tu.....	1300	13	8	10	7	7	4	8	8	8	10	12	16	110	4-6
Yen Ch'ih.....	1300	16	14	12	10	7	7	9	9	13	16	17	18	146	4-6
Yü-lin.....	1300	20	15	12	12	12	12	10	11	15	17	18	19	173	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1300	19	16	14	13	11	10	12	11	16	20	18	19	178	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1100	19	16	15	10	12	9	9	10	14	18	18	18	167	4-6
Hsing-hsing-hsia*.....	1200	17	14	13	11	10	10	11	15	18	20	16	15	169	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	20	17	17	13	13	13	12	15	16	20	19	20	196	4-6
O-chi-na-ch'i.....	1300	18	15	12	12	na	8	13	10	20	24	19	19	na	1
P'ang-pei.....	1300	20	17	16	13	12	6	10	12	16	20	19	20	179	4-6
Pan-ting-t'o-lo-kai.....	1300	25	22	17	12	na	na	na	na	na	na	21	24	na	1
Shan-pa.....	1300	17	19	14	15	11	12	12	14	17	20	19	19	187	4-6
Shan-tan.....	1300	18	15	12	14	11	9	13	13	17	20	20	19	180	4-6
Ting-hsin.....	1300	17	16	15	11	13	11	14	17	20	20	19	18	189	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1100	20	18	15	9	11	10	10	10	12	19	18	17	169	4-6
Tun-huang.....	1200	17	13	12	10	11	12	15	17	19	20	14	16	175	4-6
Wen-ch'üan*.....	1100	14	16	15	11	8	7	4	7	9	15	14	13	132	4-6
Yin-ch'uan.....	1300	19	15	15	13	10	10	11	11	14	17	18	17	171	4-6
Yü-men.....	1200	14	13	11	9	11	11	13	18	21	19	16	15	170	4-6

See footnotes at end of table.

FIGURE 24. DAYS WITH TOTAL CLOUD COVER $\geq 2/8$ THS AND VISIBILITY $\geq 2\frac{1}{2}$ MILES (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:															
Hsin-yang.....	1400	11	8	6	7	5	5	7	6	8	13	11	13	100	4-6
Ko-tse.....	1400	15	11	11	12	10	8	6	10	13	14	13	15	137	4-6
Lin-yü.....	1400	21	18	15	15	12	9	8	9	15	19	18	20	180	4-6
Lo-yang.....	1400	14	11	10	10	8	7	7	10	13	12	11	15	127	4-6
Peiping.....	1400	19	16	14	15	10	9	7	8	15	18	18	19	167	4-6
Shih-men.....	1400	19	16	13	14	11	12	11	9	16	17	17	18	170	4-6
Shih-tao.....	1400	14	12	11	12	10	9	7	10	13	15	13	13	141	4-6
Süchow.....	1400	14	9	9	8	7	6	4	4	10	14	12	13	109	4-6
Tientsin.....	1400	19	17	15	14	12	10	7	7	15	17	16	19	167	4-6
Tsinan.....	1400	17	13	13	13	10	9	5	8	14	16	16	17	152	4-6
Tsingtao.....	1400	15	13	11	11	10	8	7	10	13	15	14	15	143	4-6
Central Highlands:															
An-k'ang.....	1600	9	6	7	6	7	3	6	10	8	10	6	10	87	4-6
Ch'ang-chih.....	1400	15	13	10	12	8	10	8	10	12	14	14	18	141	4-6
Dolon Nor.....	1400	17	14	14	9	10	5	6	7	12	18	17	18	147	4-6
Fu-shih.....	1600	15	13	11	9	8	9	8	9	10	12	14	18	137	4-6
Hsi-feng-chen.....	1600	17	14	9	10	6	5	6	8	9	10	13	16	122	4-6
Kuei-sui.....	1600	17	15	13	10	10	7	7	10	13	19	18	19	158	4-6
Lan-chou.....	1600	12	12	9	8	6	5	9	10	10	14	14	14	123	4-6
Sian.....	1600	13	9	8	7	7	7	8	9	9	10	11	14	111	4-6
T'ai-yüan.....	1400	18	15	12	12	10	10	10	11	14	15	17	19	163	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1600	20	17	14	12	9	7	7	8	15	18	20	21	168	4-6
Wu-tu.....	1600	10	6	5	4	3	3	6	8	5	8	10	13	81	4-6
Yen Ch'ih.....	1600	16	13	12	9	8	6	8	7	12	16	17	18	142	4-6
Yü-lin.....	1600	19	16	12	12	10	10	8	10	13	17	17	18	163	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	20	16	13	10	9	8	10	11	15	19	20	18	168	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	1400	19	16	12	7	9	4	6	9	10	17	19	18	146	4-6
Hsing-hsing-hsia*.....	1500	16	13	12	9	9	10	10	13	16	21	16	16	160	4-5
Hsi-su-ni-t'e-wang-fu.....	1400	18	16	15	11	9	6	7	8	14	18	16	18	158	4-6
O-chi-na-ch'i.....	1600	24	18	9	12	na	na	13	11	22	21	20	22	na	1
P'ang-pei.....	1600	21	16	15	11	9	7	8	10	15	20	19	19	170	4-6
Pan-ting-t'o-lo-kai.....	1600	22	19	15	11	na	na	na	10	13	19	22	20	na	1
Shan-pa.....	1600	20	18	14	14	11	9	10	12	16	20	21	19	182	4-6
Shan-tan.....	1600	15	12	9	9	8	6	9	13	14	20	16	14	145	3-5
Ting-hsin.....	1600	16	15	14	8	11	9	11	14	17	19	17	16	165	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	1400	20	17	13	6	8	7	7	7	10	18	16	19	148	4-6
Tun-huang.....	1500	14	12	11	11	11	12	12	15	18	20	15	14	164	4-6
Wen-ch'üan*.....	1400	15	14	13	7	7	4	3	5	7	14	12	14	115	4-6
Yin-ch'uan.....	1600	20	16	13	11	10	9	11	12	13	18	19	19	169	4-6
Yü-men.....	1500	14	13	11	8	7	11	13	15	18	19	14	16	159	4-6

See footnotes at end of table.

FIGURE 24. DAYS WITH TOTAL CLOUD COVER ≥ 2 -EIGHTHS AND VISIBILITY $\leq 2\frac{1}{2}$ MILES (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	11	9	7	6	6	7	7	12	11	11	10	12	110	4-6
Ko-tse.....	1700	15	11	11	11	9	7	9	11	14	14	13	16	141	4-6
Lin-yü.....	1700	18	18	14	13	11	8	9	8	16	19	18	20	173	4-6
Lo-yang.....	1700	14	12	8	10	7	7	7	12	12	13	12	15	127	4-6
Peiping.....	1700	18	17	14	12	10	7	7	7	14	18	17	18	160	4-6
Shih-men.....	1700	17	15	11	12	9	9	11	12	14	17	17	18	162	4-6
Shih-tao.....	1700	15	13	12	11	11	8	6	10	13	16	16	16	146	4-6
Süchow.....	1700	15	10	10	8	7	7	6	8	13	14	12	14	125	4-6
Tientsin.....	1700	19	18	16	13	11	9	12	10	16	18	18	18	175	4-6
Tsinan.....	1700	16	14	13	14	10	9	8	10	14	16	15	16	155	4-6
Tsingtao.....	1700	16	12	12	10	8	8	6	10	14	15	15	15	140	4-6
Central Highlands:															
An-k'ang.....	1900	13	9	8	7	6	4	5	9	10	10	7	11	99	4-6
Ch'ang-chih.....	1700	15	14	9	10	6	7	6	9	10	13	14	16	129	4-6
Dolon Nor.....	1700	18	15	13	8	8	5	8	9	13	17	20	19	152	4-6
Fu-shih.....	1900	20	18	15	13	10	8	8	10	14	17	17	20	171	4-6
Hsi-feng-chen.....	1900	20	17	12	10	9	6	9	10	13	16	15	21	158	4-6
Kuei-sui.....	1900	23	18	16	15	10	9	10	11	17	22	22	23	196	4-6
Lan-chou.....	1900	13	13	9	6	5	5	9	8	10	16	16	13	124	4-6
Sian.....	1900	17	13	9	9	8	6	8	10	11	11	15	15	130	4-6
T'ai-yüan.....	1700	18	16	11	10	8	7	7	10	13	16	17	18	152	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	26	20	19	13	11	8	12	11	20	24	22	25	214	4-6
Wu-tu.....	1900	12	7	5	4	4	3	6	5	7	9	10	15	87	4-6
Yen Ch'ih.....	1900	24	19	14	13	10	9	11	14	17	20	22	22	193	4-6
Yü-lin.....	1900	24	19	15	14	12	10	11	13	17	20	21	21	196	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	23	20	16	12	9	10	11	13	18	21	23	24	198	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1700	19	15	13	9	8	3	7	9	11	17	17	17	145	4-6
Hsing-hsing-hsia*.....	1800	20	15	13	11	10	11	12	18	20	22	22	20	193	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	20	16	12	9	9	6	7	11	14	20	17	18	159	4-6
O-chi-na-ch'i.....	1900	28	21	11	10	na	na	17	15	23	28	21	23	na	1
P'ang-pei.....	1900	25	20	18	13	10	10	10	13	17	24	23	25	207	4-6
Pan-ting-t'o-lo-kai.....	1900	27	22	18	14	11	14	19	17	16	22	24	27	230	1-3
Shan-pa.....	1900	25	20	16	14	12	8	13	14	18	23	25	23	210	4-6
Shan-tan.....	1900	18	15	10	8	7	8	8	10	13	19	20	19	152	4-6
Ting-hsin.....	1900	19	15	13	9	9	9	11	15	18	20	20	21	179	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	21	17	15	9	9	6	5	9	10	18	16	20	152	4-6
Tun-huang.....	1800	18	14	11	8	9	11	12	15	20	21	19	19	177	4-6
Wen-ch'üan*.....	1700	14	14	11	7	7	5	4	8	7	14	14	14	118	4-6
Yin-ch'uan.....	1900	22	19	14	12	9	9	11	12	17	20	22	23	190	4-6
Yü-men.....	1800	17	13	9	8	7	10	11	14	18	19	18	19	164	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 25. MEAN NUMBER OF DAYS WITH THUNDERSTORMS

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Chefoo.....	0	*	0	*	1	2	1	2	1	1	*	0	9	10
Ch'ing-yüan.....	0	0	*	*	3	4	5	3	1	*	0	0	17	14
Hsin-yang.....	0	*	*	1	3	2	6	7	1	0	0	0	21	3
K'ai-feng.....	0	0	0	1	2	3	3	4	1	0	0	0	15	5
Lo-yang.....	0	0	1	1	2	2	3	4	1	0	0	0	12	4
Nan-yang.....	0	0	1	2	1	4	7	12	1	0	0	0	27	3
Pang-fou**.....	1	0	*	2	1	2	7	7	3	0	0	0	23	4
Peiping.....	0	0	0	1	3	6	8	5	3	0	0	0	27	55
Po-hsien.....	0	0	0	1	2	3	8	11	2	*	0	0	27	3
Shih-men.....	0	0	0	1	3	3	7	6	2	0	0	0	22	3
Süchow.....	0	0	0	1	2	2	7	4	1	0	0	0	17	8
Sui-p'ing.....	0	*	1	1	1	3	10	10	1	0	0	0	27	3
Tang-shan.....	0	0	*	1	3	6	8	4	3	0	0	0	25	3
Te-hsien.....	0	0	0	*	3	5	8	4	3	1	0	0	24	6
Tientsin.....	0	0	*	1	2	5	5	3	2	*	0	0	18	38
Tsinan.....	0	0	*	1	3	5	7	6	2	1	0	0	25	31
Tsingtao.....	0	*	*	1	2	3	4	4	1	1	*	0	16	45
Tzu-yang.....	0	0	*	1	2	4	7	6	2	1	0	0	23	8
Wei-hsien.....	0	0	1	1	5	4	8	7	3	0	0	0	28	3
Central Highlands:														
An-k'ang.....	0	*	1	1	2	2	8	13	2	1	0	0	29	3
Chang-chia-k'ou.....	0	0	*	2	3	6	8	5	3	0	0	0	27	55
Ch'ang-chih.....	0	0	0	1	4	9	9	8	2	0	0	0	32	2
Ch'eng-te.....	0	0	*	1	6	10	9	7	3	2	0	0	38	8
Ching-yüan.....	0	0	*	1	3	4	4	4	3	*	0	0	19	12
Dolon Nor.....	0	0	*	1	5	11	12	8	4	2	0	0	42	4
Hua Shan.....	0	0	0	2	3	3	5	5	1	1	0	0	21	3
Kuei-sui.....	0	0	0	1	1	4	5	3	1	1	0	0	16	4
Kuo-hsien.....	0	0	0	2	7	14	16	12	4	1	0	0	56	2
Lan-chou.....	0	*	*	1	2	4	4	4	3	*	0	0	19	19
Lu-shih.....	0	0	*	1	4	7	9	11	1	*	0	0	34	3
Min-hsien.....	0	*	1	4	8	8	7	6	5	2	*	0	40	15
Nan-cheng.....	0	0	*	1	3	3	6	6	1	*	*	0	19	13
P'ing-liang.....	0	0	*	2	5	5	8	3	2	1	0	0	25	4
Sian.....	0	0	1	1	2	2	4	4	*	*	0	0	14	22
T'ai-yüan.....	0	0	0	1	5	3	10	8	4	*	0	0	31	5
T'ien-shui.....	0	0	*	1	3	3	3	2	1	*	0	0	13	15
Wei-ch'ang.....	0	0	1	1	4	9	9	7	5	1	0	0	38	4
Wu-ch'iao-ling.....	0	0	0	1	6	6	11	8	5	2	0	0	39	3
Wu-tu.....	0	0	0	1	5	3	5	2	2	*	*	0	19	8
Yü-lin.....	0	0	*	1	3	4	5	3	2	*	*	0	17	15
Northern Plateau:														
An-hsi.....	0	0	0	*	*	1	1	1	*	0	0	0	3	7
Chiu-ch'üan.....	0	0	0	*	1	3	4	2	1	*	0	0	11	18
Chung-ning.....	0	0	0	1	6	6	11	8	5	2	0	0	39	3
Hsi-lin-hao-t'e (Pei-tzu-miao).....	0	0	0	0	1	3	1	4	3	*	0	0	12	4
Hsing-hsing-hsia**.....	0	0	0	0	*	1	3	3	1	0	0	0	9	3
Hsi-su-ni-t'e-wang-fu.....	0	0	0	0	*	2	2	3	1	1	0	0	9	4
So-lun**.....	0	0	0	0	2	10	6	4	2	0	0	0	24	2-4
Tun-huang.....	0	0	*	*	*	1	2	1	*	*	0	0	4	16
Wu-wei.....	0	0	*	*	1	2	3	1	1	*	0	0	7	11
Yin-ch'uan.....	0	0	0	*	3	5	7	4	3	0	0	0	22	4
Yü-men.....	0	0	0	*	*	0	3	4	*	0	0	0	9	3

* <0.5 day.

** Near but outside North China (NIS 39A, Part III Area).

FIGURE 26. PERCENTAGE FREQUENCY OF CEILING* HEIGHT ≥ 983 FEET AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	6	5	7	3	4	2	0	1	5	5	13	8	5	4-6
Ko-tse.....	2300	3	2	1	1	0	1	0	0	2	1	4	2	1	4-6
Lin-yü.....	2300	1	0	2	0	1	1	3	0	0	0	0	0	1	3-5
Lo-yang.....	2300	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Peiping.....	2300	1	0	1	1	0	1	1	0	1	1	1	2	1	4-6
Shih-men.....	2300	1	1	1	1	0	1	2	1	0	0	2	4	1	4-6
Shih-tao.....	2300	0	1	4	7	3	10	17	2	0	0	0	0	4	3-5
Süchow.....	2300	5	1	5	2	4	3	4	2	0	1	8	8	4	3-5
Tientsin.....	2300	1	2	1	0	0	1	0	1	0	0	2	2	1	4-6
Tsinan.....	2300	1	1	0	0	0	0	1	0	0	0	1	4	1	4-6
Tsingtao.....	2300	3	6	10	12	7	25	33	9	4	1	2	4	10	4-6
Central Highlands:															
An-k'ang.....	0100	1	1	1	0	0	0	0	0	1	1	1	1	1	4-6
Ch'ang-chih.....	2300	0	1	0	0	0	0	0	0	0	0	1	0	**	3-5
Dolon Nor.....	2300	1	0	1	2	0	0	1	0	0	0	0	1	1	4-6
Fu-shih.....	0100	1	1	0	0	0	0	0	1	0	0	0	0	**	4-6
Hsi-feng-chen.....	0100	2	2	1	1	0	1	1	0	1	0	0	1	1	4-6
Kuei-fui.....	0100	1	1	0	1	0	0	0	0	0	0	0	0	**	4-6
Lan-chou.....	0100	0	1	2	2	0	1	0	0	1	0	0	0	1	4-6
Sian.....	0100	2	3	0	2	1	2	2	3	2	4	1	1	2	4-6
T'ai-yüan.....	2300	0	0	1	1	1	0	0	0	0	0	1	0	**	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0100	0	0	1	1	0	0	0	0	0	0	0	0	**	4-6
Wu-tu.....	0100	1	0	0	2	0	0	0	0	0	0	0	0	**	4-6
Yen Ch'ih.....	0100	0	1	0	0	0	1	0	0	0	0	0	0	**	4-6
Yü-lin.....	0100	0	1	0	1	0	0	0	0	0	0	1	1	**	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	1	0	0	0	0	0	0	0	0	0	0	0	**	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	2300	0	0	0	1	0	0	0	0	1	0	0	0	**	4-6
Hsing-hsing-hsia***.....	0000	0	1	0	0	0	0	0	0	0	0	0	0	**	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	0	0	0	0	0	0	1	0	0	0	0	0	**	2-4
O-chi-na-ch'i.....	0100	0	0	0	na	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	0100	1	0	0	1	0	0	0	0	0	0	1	1	**	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0100	0	0	0	1	0	1	0	0	0	0	0	0	**	4-6
Shan-tan.....	0100	0	1	0	1	0	1	0	0	0	0	0	0	**	4-6
Ting-hsin.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	2300	0	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Tun-huang.....	0000	0	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Wen-ch'üan***.....	2300	0	0	0	0	0	0	0	0	1	0	0	0	**	3-5
Yin-ch'uan.....	0100	0	0	0	0	0	0	0	0	0	0	1	0	**	4-6
Yü-men.....	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	11	10	10	5	3	4	0	2	7	6	9	10	6	4-6
Ko-tse.....	0500	3	4	2	0	0	1	0	0	1	1	5	2	2	4-6
Lin-yü.....	0500	1	1	1	1	0	2	2	1	0	0	0	0	1	4-6
Lo-yang.....	0500	0	0	0	0	1	0	0	0	0	0	1	0	**	4-6
Peiping.....	0500	0	0	1	0	0	0	5	3	2	3	1	2	1	4-6
Shih-men.....	0500	2	1	2	1	0	0	1	5	1	2	3	6	2	4-6
Shih-tao.....	0500	0	1	6	7	5	19	27	7	3	1	0	0	6	4-6
Süchow.....	0500	9	8	11	8	10	13	10	11	5	2	10	10	9	4-6
Tientsin.....	0500	3	2	2	1	2	2	3	0	1	1	3	2	2	4-6
Tsinan.....	0500	3	1	2	0	0	1	1	1	1	2	3	3	2	4-6
Tsingtao.....	0500	8	9	13	16	13	40	37	16	5	2	4	3	14	4-6

See footnotes at end of table.

FIGURE 26. FREQUENCY OF CEILING* HEIGHT ≥ 983 FEET (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:															
An-k'ang.....	0700	2	1	4	2	1	2	0	2	3	7	12	8	4	4-6
Ch'ang-chih.....	0500	2	2	1	1	1	0	2	1	0	1	1	0	1	4-6
Dolon Nor.....	0500	0	1	0	1	0	2	0	1	0	1	1	0	1	4-6
Fu-shih.....	0700	1	1	1	2	1	2	1	13	8	6	2	1	3	4-6
Hsi-feng-chen.....	0700	1	3	0	1	0	2	0	3	3	1	2	5	2	4-6
Kuei-sui.....	0700	0	0	0	2	1	0	1	1	1	1	2	1	1	4-6
Lan-chou.....	0700	0	1	0	3	1	2	0	1	1	3	0	0	1	4-6
Sian.....	0700	1	6	5	6	3	2	4	6	6	5	8	4	5	4-6
T'ai-yüan.....	0500	0	1	0	0	0	0	0	1	0	0	0	0	**	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0700	0	0	1	1	0	0	1	1	0	0	1	0	**	4-6
Wu-tu.....	0700	0	1	1	1	0	1	0	0	0	0	0	0	**	4-6
Yen Ch'ih.....	0700	0	0	1	0	2	1	0	0	0	0	0	0	**	4-6
Yü-lin.....	0700	1	1	0	1	1	0	1	1	0	1	1	2	1	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	0	0	1	0	1	0	1	0	0	0	0	0	**	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	0	0	1	1	0	0	0	0	1	0	0	0	**	4-6
Hsing-hsing-hsia***.....	0600	0	1	1	0	0	0	0	0	0	0	0	0	**	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	0	0	0	0	0	1	0	0	0	0	0	0	**	4-5
O-chi-na-ch'i.....	0700	0	0	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	0700	0	0	0	0	0	0	0	0	1	0	1	1	**	4-6
Pan-ting-t'o-lo-kai.....	0700	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	0	0	1	0	0	0	0	1	0	0	1	0	**	4-6
Shan-tan.....	0700	0	1	0	0	0	0	0	1	0	0	0	0	**	4-6
Ting-hsin.....	0700	0	0	0	1	0	1	0	0	0	0	0	1	**	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	0	0	0	0	0	0	1	2	1	0	0	0	**	4-6
Tun-huang.....	0600	0	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Wen-ch'üan***.....	0500	0	0	1	0	0	0	2	1	2	0	0	0	1	3-6
Yin-ch'uan.....	0700	0	1	0	0	0	0	0	1	0	0	1	0	**	4-6
Yü-men.....	0600	1	0	1	0	0	1	1	0	1	1	0	1	1	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	15	8	14	6	9	6	4	8	6	5	14	12	9	4-6
Ko-tse.....	1100	2	5	1	1	1	2	0	0	1	1	4	6	2	4-6
Lin-yü.....	1100	0	3	1	2	0	1	2	1	0	0	0	0	1	4-6
Lo-yang.....	1100	0	1	0	0	0	0	0	0	0	0	0	0	**	4-6
Peiping.....	1100	1	1	1	0	0	0	0	1	1	1	0	1	1	4-6
Shih-men.....	1100	2	1	5	1	2	1	2	1	0	1	5	4	2	4-6
Shih-tao.....	1100	2	2	4	2	8	14	12	2	1	0	0	1	4	4-6
Süchow.....	1100	7	6	11	4	6	5	10	3	3	4	8	8	6	4-6
Tientsin.....	1100	4	1	4	1	1	2	2	0	0	1	4	5	2	4-6
Tsinan.....	1100	2	1	1	1	0	3	1	0	0	0	1	3	1	4-6
Tsingtao.....	1100	5	7	11	11	11	22	18	7	4	1	3	4	9	4-6
Central Highlands:															
An-k'ang.....	1300	1	1	0	0	0	2	0	1	0	0	0	1	1	4-6
Ch'ang-chih.....	1100	2	2	2	3	0	1	0	0	0	2	0	0	1	4-6
Dolon Nor.....	1100	1	1	2	1	0	0	0	0	0	1	0	0	1	4-6
Fu-shih.....	1300	1	0	0	2	0	0	0	0	0	0	0	0	**	4-6
Hsi-feng-chen.....	1300	0	0	1	1	0	0	0	0	0	0	1	2	**	4-6
Kuei-sui.....	1300	0	0	0	1	1	0	0	0	0	1	1	0	**	4-6
Lan-chou.....	1300	0	1	0	0	0	1	0	1	0	0	0	1	**	4-6
Sian.....	1300	1	4	1	3	4	2	3	6	1	1	1	1	2	4-6
T'ai-yüan.....	1100	0	0	1	0	0	0	0	0	1	0	0	0	**	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	0	1	1	2	0	0	0	0	0	0	1	0	**	4-6
Wu-tu.....	1300	1	1	1	2	0	2	0	0	0	0	0	0	1	4-6
Yen Ch'ih.....	1300	0	0	1	1	0	0	0	0	0	0	0	0	**	4-6
Yü-lin.....	1300	0	0	1	3	0	0	0	1	0	0	0	1	1	4-6

See footnotes at end of table.

FIGURE 26. FREQUENCY OF CEILING* HEIGHT ≥ 983 FEET (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai.....	1300	0	1	2	1	0	0	0	0	1	0	0	1	1	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1100	0	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Hsing-hsing-hsia***.....	1200	0	0	1	0	0	1	0	0	0	0	0	0	**	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	0	0	1	0	0	0	0	0	0	0	1	0	**	4-6
O-chi-na-ch'i.....	1300	0	4	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	1300	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Pan-ting-t'o-lo-kai.....	1300	0	0	0	5	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	1300	0	0	1	0	0	0	0	0	0	0	0	1	**	4-6
Shan-tan.....	1300	0	1	0	1	0	0	0	0	0	0	0	1	**	4-6
Ting-hsin.....	1300	2	1	1	2	0	2	0	0	0	1	0	1	1	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lich-miao).....	1100	0	0	0	1	0	0	0	0	1	0	0	0	**	4-6
Tun-huang.....	1200	1	1	0	2	0	0	1	0	0	0	0	0	**	4-6
Wen-ch'üan***.....	1100	0	0	1	1	0	1	0	0	0	0	0	0	**	4-6
Yin-ch'uan.....	1300	0	1	1	1	0	0	0	0	0	1	0	0	**	4-6
Yü-men.....	1200	1	0	1	1	0	1	1	1	0	0	1	0	1	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	14	7	11	5	4	2	1	3	4	4	12	8	6	4-6
Ko-tse.....	1400	2	3	1	1	1	1	0	0	0	2	2	2	1	4-6
Lin-yü.....	1400	1	0	1	0	0	0	0	1	0	0	0	0	**	4-6
Lo-yang.....	1400	0	1	0	1	0	0	1	0	0	0	0	0	**	4-6
Peiping.....	1400	0	0	0	0	0	0	1	1	0	0	0	0	**	4-6
Shih-men.....	1400	2	1	3	2	0	2	2	1	1	1	2	3	2	4-6
Shih-tao.....	1400	1	1	3	3	7	5	9	2	1	1	1	1	3	4-6
Süchow.....	1400	7	4	5	4	2	2	1	3	1	1	5	7	4	4-6
Tientsin.....	1400	3	1	3	1	0	0	2	1	0	0	2	2	1	4-6
Tsinan.....	1400	1	0	1	2	0	0	0	0	0	0	1	2	1	4-6
Tsingtao.....	1400	4	5	10	11	6	16	19	6	2	1	2	5	7	4-6
Central Highlands:															
An-k'ang.....	1600	1	2	1	0	1	2	0	0	0	0	0	0	1	4-6
Ch'ang-chih.....	1400	1	2	1	0	1	0	0	0	0	0	0	0	**	4-6
Dolon Nor.....	1400	2	0	0	2	0	0	0	0	0	0	0	0	**	4-6
Fu-shih.....	1600	1	1	0	3	1	0	0	0	0	0	0	0	1	4-6
Hsi-feng-chen.....	1600	0	0	0	1	1	0	0	0	0	0	0	1	**	4-6
Kuei-sui.....	1600	0	0	1	1	2	0	0	0	0	0	0	0	**	4-6
Lan-chou.....	1600	0	1	1	1	0	2	0	0	0	0	0	0	**	4-6
Sian.....	1600	1	4	1	3	2	1	1	8	3	2	1	2	2	4-6
T'ai-yüan.....	1400	0	0	1	0	0	0	0	0	0	0	0	0	**	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu-t'u).....	1600	0	1	1	3	0	0	0	0	0	1	1	1	1	4-6
Wu-tu.....	1600	0	1	1	3	1	1	0	0	0	1	0	0	1	4-6
Yen Ch'ih.....	1600	0	1	2	1	0	0	0	0	0	0	0	1	**	4-6
Yü-lin.....	1600	1	1	1	1	2	1	0	0	0	0	0	1	1	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	1	0	1	1	0	1	1	0	0	0	0	1	1	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1400	0	1	0	1	0	0	0	0	0	0	0	0	0	4-6
Hsing-hsing-hsia***.....	1500	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Hsi-su-ni-t'e-wang-fu.....	1400	0	1	1	0	0	0	0	0	0	0	0	0	**	4-6
O-chi-na-ch'i.....	1600	0	4	0	4	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1600	0	0	1	0	1	0	0	0	0	1	0	0	**	4-6
Pan-ting-t'o-lo-kai.....	1600	0	0	0	0	na	na	na	na	0	0	0	0	na	1
Shan-pa.....	1600	0	0	0	0	0	0	0	0	0	0	0	1	**	4-6
Shan-tan.....	1600	0	1	1	0	0	1	0	0	0	0	0	0	**	3-5
Ting-hsin.....	1600	2	3	0	5	1	2	1	0	0	0	0	1	1	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lich-miao).....	1400	0	0	0	0	1	0	0	0	1	0	1	0	**	4-6
Tun-huang.....	1500	1	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Wen-ch'üan***.....	1400	0	0	0	0	1	0	0	0	1	0	0	0	**	4-6
Yin-ch'uan.....	1600	0	2	1	1	0	0	0	0	0	0	0	1	**	4-6
Yü-men.....	1500	1	1	1	1	2	1	0	0	0	0	0	0	1	4-6

See footnotes at end of table.

FIGURE 26. FREQUENCY OF CEILING* HEIGHT ≥ 983 FEET (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	12	6	7	2	4	3	0	2	4	3	11	5	5	4-6
Ko-tse.....	1700	1	2	1	1	0	0	0	0	1	1	3	2	1	4-6
Lin-yü.....	1700	0	2	1	0	0	0	0	1	0	0	1	0	**	4-6
Lo-yang.....	1700	0	1	0	0	0	0	0	0	0	0	0	0	**	4-6
Peiping.....	1700	0	0	0	0	0	0	3	0	0	1	0	1	**	4-6
Shih-men.....	1700	2	1	2	2	1	1	1	0	1	1	1	2	1	4-6
Shih-tao.....	1700	1	1	4	4	5	12	12	4	1	0	1	1	4	4-6
Süchow.....	1700	4	2	4	5	2	3	2	1	1	1	4	6	3	4-6
Tientsin.....	1700	2	1	2	1	0	0	1	0	0	1	1	2	1	4-6
Tsinan.....	1700	1	0	0	0	1	1	1	0	0	0	1	1	1	4-6
Tsingtao.....	1700	4	4	13	11	5	15	20	5	3	1	3	2	7	4-6
Central Highlands:															
An-k'ang.....	1900	1	2	0	0	0	2	0	0	0	0	0	0	**	4-6
Ch'ang-chih.....	1700	1	1	2	1	1	1	0	0	1	0	0	0	1	4-6
Dolon Nor.....	1700	1	0	0	2	1	0	0	0	0	0	0	0	**	4-6
Fu-shih.....	1900	1	3	0	3	2	2	0	1	0	0	0	0	1	4-6
Hsi-feng-chen.....	1900	0	1	0	1	0	0	0	0	0	0	0	1	**	4-6
Kuei-sui.....	1900	1	0	1	2	0	1	0	0	0	0	1	0	1	4-6
Lan-chou.....	1900	0	1	2	3	0	0	0	1	1	0	0	0	1	4-6
Sian.....	1900	0	3	0	2	2	2	1	3	2	2	1	1	2	4-6
T'ai-yüan.....	1700	0	0	0	1	1	0	0	0	0	0	0	0	**	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1900	0	1	0	1	0	0	0	0	0	1	0	1	**	4-6
Wu-tu.....	1900	0	1	0	2	0	0	1	0	0	0	0	0	**	4-6
Yen Ch'ih.....	1900	0	1	0	0	1	0	0	0	1	0	0	0	**	4-6
Yü-lin.....	1900	1	1	0	3	1	0	0	0	0	1	1	1	1	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	1	1	0	1	0	1	0	0	0	0	0	0	**	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	1700	0	0	0	1	0	0	1	0	1	0	0	0	**	4-6
Hsing-hsing-hsia***.....	1800	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
O-chi-na-ch'i.....	1900	0	0	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	1	0	1	1	0	0	0	0	0	1	0	0	**	4-6
Pan-ting-t'o-lo-kai.....	1900	0	2	0	2	0	0	0	0	0	0	0	0	**	1-3
Shan-pa.....	1900	0	1	0	0	0	1	0	0	0	0	0	1	**	4-6
Shan-tan.....	1900	0	1	0	1	0	1	0	0	0	0	0	0	**	4-6
Ting-hsin.....	1900	1	1	1	3	0	2	0	0	0	0	0	0	1	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	1700	0	1	0	0	1	0	0	0	0	0	0	0	**	4-6
Tun-huang.....	1800	1	0	0	1	0	0	0	0	0	0	0	0	**	4-6
Wen-ch'üan***.....	1700	0	0	0	1	0	1	0	0	0	0	0	0	**	4-6
Yin-ch'uan.....	1900	0	1	0	0	0	0	0	1	0	0	0	0	**	4-6
Yü-men.....	1800	0	0	0	0	0	1	0	0	0	0	0	0	**	4-6

na Data not available.

* Ceiling herein defined as ≥ 5 -eighths cloud cover.

** <0.5%

*** Near but outside North China (NIS 39A, PART III Area).

FIGURE 27. PERCENTAGE FREQUENCY OF CEILING* HEIGHT $\approx 4,920$ FEET AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	16	16	30	17	22	18	23	16	22	18	34	25	21	4-6
Ko-tse.....	2300	8	10	16	11	11	13	20	12	10	8	18	11	12	4-6
Lin-yü.....	2300	4	3	9	7	13	18	35	22	7	7	7	6	12	3-5
Lo-yang.....	2300	1	2	3	2	3	5	12	7	6	2	4	4	4	4-6
Peiping.....	2300	6	4	11	6	4	14	25	25	9	9	4	6	10	4-6
Shih-men.....	2300	7	5	10	5	4	14	16	18	7	10	17	14	10	4-6
Shih-tao.....	2300	11	8	16	17	10	34	48	32	8	9	18	11	19	3-5
Süchow.....	2300	12	11	12	12	9	14	14	10	15	10	24	14	13	3-5
Tientsin.....	2300	8	9	11	5	7	6	18	19	6	6	11	14	10	4-6
Tsinan.....	2300	7	3	7	3	8	13	19	12	6	5	11	11	9	4-6
Tsingtao.....	2300	14	10	19	20	13	37	43	26	13	11	20	16	20	4-6
Central Highlands:															
An-k'ang.....	0100	15	13	12	15	16	17	24	13	15	14	12	11	15	4-6
Ch'ang-chih.....	2300	4	10	9	5	4	12	13	23	8	9	10	8	10	3-5
Dolon Nor.....	2300	1	1	1	3	9	29	31	20	16	5	1	3	10	4-6
Fu-shih.....	0100	3	7	9	5	6	11	14	14	12	15	8	3	9	4-6
Hsi-feng-chen.....	0100	4	4	1	5	10	4	12	10	4	5	2	3	5	4-6
Kuei-sui.....	0100	4	3	4	11	9	14	27	19	13	11	2	4	10	4-6
Lan-chou.....	0100	1	3	5	8	8	8	5	9	9	9	6	2	6	4-6
Sian.....	0100	9	10	6	4	8	9	9	16	8	15	12	11	10	4-6
T'ai-yüan.....	2300	2	2	5	5	11	14	26	21	10	7	7	1	9	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	0	1	1	4	3	7	10	11	8	4	1	1	4	4-6
Wu-tu.....	0100	4	5	5	4	4	3	4	3	3	5	3	5	4	4-6
Yen Ch'ih.....	0100	0	1	2	2	5	7	12	10	5	3	1	1	4	4-6
Yü-lin.....	0100	1	3	2	5	7	8	15	16	7	5	5	4	7	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	1	0	0	1	4	3	3	3	3	2	1	1	2	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	0	1	3	4	7	19	25	18	16	3	1	0	8	4-6
Hsing-hsing-hsia**.....	0000	0	1	2	0	1	1	3	8	2	0	0	1	2	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	0	1	0	2	2	4	12	7	3	4	0	0	3	2-4
O-chi-na-ch'i.....	0100	0	0	0	0	na	na	4	0	0	0	0	0	na	1
P'ang-pei.....	0100	1	0	0	3	5	11	10	11	5	0	1	1	4	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0100	0	0	0	1	0	2	2	3	2	0	1	0	1	4-6
Shan-tan.....	0100	0	1	0	2	0	1	2	1	1	0	0	0	1	4-6
Ting-hsin.....	0100	0	0	0	0	1	3	5	5	1	0	0	0	1	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	2300	0	0	1	8	15	19	28	23	19	4	2	0	10	4-6
Tun-huang.....	0000	0	0	0	1	0	1	1	1	0	0	0	0	***	4-6
Wen-ch'üan**.....	2300	16	11	8	14	15	25	32	33	31	12	17	17	19	3-5
Yin-ch'uan.....	0100	0	4	1	1	4	2	4	4	3	2	1	1	2	4-6
Yü-men.....	0000	0	0	0	0	0	0	1	0	1	0	0	0	***	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	24	22	31	21	21	27	19	24	20	19	25	27	23	4-6
Ko-tse.....	0500	14	13	18	11	9	14	29	15	8	10	17	10	14	4-6
Lin-yü.....	0500	5	4	14	13	11	20	38	25	13	4	8	7	14	4-6
Lo-yang.....	0500	2	3	1	2	3	4	4	7	2	1	4	3	3	4-6
Peiping.....	0500	6	11	11	4	7	14	36	32	17	10	6	5	13	4-6
Shih-men.....	0500	8	7	13	8	8	4	23	27	8	13	18	14	13	4-6
Shih-tao.....	0500	8	13	16	20	13	42	56	33	13	8	15	14	21	4-6
Süchow.....	0500	15	13	25	19	18	28	27	23	15	11	21	18	19	4-6
Tientsin.....	0500	11	11	11	5	9	9	23	20	8	4	14	10	11	4-6
Tsinan.....	0500	11	7	12	7	10	12	16	12	7	6	13	10	10	4-6
Tsingtao.....	0500	13	21	22	22	21	51	51	37	15	10	22	12	25	4-6

See footnotes at end of table.

FIGURE 27. FREQUENCY OF CEILING* HEIGHT $\geq 4,920$ FEET (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:															
An-k'ang.....	0700	17	16	17	21	23	21	28	22	20	26	32	23	22	4-6
Ch'ang-chih.....	0500	3	6	11	7	13	14	23	25	10	11	5	9	11	4-6
Dolon Nor.....	0500	1	2	1	5	8	19	23	22	16	8	3	3	9	4-6
Fu-shih.....	0700	2	10	14	10	10	13	20	37	24	22	11	4	15	4-6
Hsi-feng-chen.....	0700	2	3	1	3	12	11	16	24	11	7	6	5	8	4-6
Kuei-sui.....	0700	5	7	9	13	13	21	22	29	16	15	7	7	14	4-6
Lan-chou.....	0700	1	6	6	11	8	12	10	16	12	13	4	3	9	4-6
Sian.....	0700	12	16	17	14	14	16	13	23	12	19	21	14	16	4-6
T'ai-yüan.....	0500	0	3	5	3	5	16	24	16	9	8	6	1	8	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	2	0	4	5	4	6	14	15	10	7	6	2	6	4-6
Wu-tu.....	0700	6	10	7	5	9	6	6	7	6	2	7	4	6	4-6
Yen Ch'ih.....	0700	1	1	3	3	7	8	6	9	7	6	2	0	4	4-6
Yü-lin.....	0700	1	5	7	8	9	11	19	24	13	7	7	4	10	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	1	1	1	0	6	5	1	5	3	1	1	1	2	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	0	0	1	4	11	18	24	17	11	4	1	0	8	4-6
Hsing-hsing-hsia**.....	0600	2	2	1	3	1	2	4	6	1	0	0	2	2	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	1	0	1	2	3	12	10	5	2	2	1	1	3	4-5
O-chi-na-ch'i.....	0700	0	0	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-pai.....	0700	0	1	3	3	5	8	9	7	8	2	2	1	4	4-6
Pan-ting-t'o-lo-kai.....	0700	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	0	0	1	2	1	1	5	9	4	1	1	1	2	4-6
Shan-tan.....	0700	0	1	0	1	1	2	4	3	2	1	0	0	1	4-6
Ting-hsin.....	0700	0	0	1	1	1	1	1	6	2	0	1	1	1	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	0	0	1	9	10	15	16	28	11	4	3	0	8	4-6
Tun-huang.....	0600	0	0	1	2	1	0	0	2	0	0	0	0	1	4-6
Wen-ch'üan**.....	0500	19	15	10	16	20	31	40	39	28	14	19	17	22	3-6
Yin-ch'uan.....	0700	1	4	2	1	6	6	5	11	6	1	4	2	4	4-6
Yü-men.....	0600	1	0	2	1	2	1	2	2	2	1	0	1	1	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	23	22	36	25	24	27	21	40	31	20	31	28	27	4-6
Ko-tse.....	1100	13	12	18	12	8	13	34	19	9	7	19	15	15	4-6
Lin-yü.....	1100	3	5	13	9	8	24	33	24	12	6	8	6	13	4-6
Lo-yang.....	1100	5	4	7	3	5	12	17	18	6	5	5	2	7	4-6
Peiping.....	1100	4	9	10	6	4	11	25	24	14	9	6	5	11	4-6
Shih-men.....	1100	10	9	18	5	6	11	21	26	9	9	17	13	13	4-6
Shih-tao.....	1100	17	14	15	17	14	40	42	21	14	11	16	18	20	4-6
Süchow.....	1100	14	15	25	18	17	29	35	36	22	7	22	14	21	4-6
Tientsin.....	1100	11	11	17	7	5	13	31	17	7	8	13	10	13	4-6
Tsinan.....	1100	7	6	15	5	8	16	20	24	12	8	12	8	12	4-6
Tsingtao.....	1100	16	19	20	18	19	33	35	23	14	7	19	14	20	4-6
Central Highlands:															
An-k'ang.....	1300	14	10	14	15	19	18	16	11	9	17	23	12	15	4-6
Ch'ang-chih.....	1100	8	8	18	10	14	18	25	36	12	16	18	13	16	4-6
Dolon Nor.....	1100	3	3	7	12	14	20	24	33	16	8	5	2	12	4-6
Fu-shih.....	1300	4	7	16	14	21	13	28	21	17	18	13	4	15	4-6
Hsi-feng-chen.....	1300	3	6	11	12	24	22	34	37	20	19	8	8	18	4-6
Kuei-sui.....	1300	8	11	8	21	19	33	30	33	26	14	8	7	18	4-6
Lan-chou.....	1300	2	5	6	9	13	11	11	17	10	12	6	2	9	4-6
Sian.....	1300	10	19	16	13	17	19	32	32	14	24	17	10	19	4-6
T'ai-yüan.....	1100	0	3	8	6	7	10	23	20	9	10	10	4	9	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	1	4	5	9	12	18	25	26	21	10	10	2	12	4-6
Wu-tu.....	1300	5	2	6	6	4	6	2	6	3	4	4	2	4	4-6
Yen Ch'ih.....	1300	3	1	8	10	25	25	31	27	16	12	5	0	14	4-6
Yü-lin.....	1300	2	8	9	13	12	13	28	25	20	14	6	3	13	4-6

See footnotes at end of table.

FIGURE 27. FREQUENCY OF CEILING* HEIGHT $\geq 4,920$ FEET (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1300	1	1	4	5	5	9	10	9	4	1	1	1	4	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	3	4	8	19	17	22	31	28	20	8	3	2	15	4-6
Hsing-hsing-hsia**	1200	2	6	4	6	12	11	14	15	2	1	2	1	6	4-6
Hsi-su-ni-t'e-wang-fu	1100	1	1	2	7	8	14	17	8	13	4	2	2	7	4-6
O-chi-na-ch'i	1300	4	4	0	0	na	0	8	4	4	0	0	0	na	1
P'ang-pei	1300	1	1	5	12	14	32	26	17	19	5	4	1	11	4-6
Pan-ting-t'o-lo-kai	1300	0	0	0	5	na	na	na	na	na	na	0	0	na	1
Shan-pa	1300	1	2	3	4	5	6	4	6	4	4	3	1	4	4-6
Shan-tan	1300	1	4	2	2	7	7	7	9	5	3	1	2	4	4-6
Ting-hsin	1300	2	1	2	5	4	8	8	9	2	1	0	1	4	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	0	0	5	14	19	20	28	31	22	8	4	0	13	4-6
Tun-huang	1200	1	2	0	4	0	1	1	0	1	0	0	0	1	4-6
Wen-ch'üan**	1100	15	9	10	18	37	39	57	54	39	22	23	22	29	4-6
Yin-ch'uan	1300	2	6	3	5	9	8	6	11	5	4	4	1	5	4-6
Yü-men	1200	2	0	2	2	6	3	2	2	1	1	2	0	2	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	24	24	33	25	23	29	27	40	28	17	30	24	27	4-6
Ko-tse	1400	14	14	22	12	10	18	32	22	14	12	21	18	17	4-6
Lin-yü	1400	4	6	15	12	9	17	34	23	11	8	7	7	13	4-6
Lo-yang	1400	4	13	14	7	8	12	14	20	6	11	5	4	10	4-6
Peiping	1400	5	6	11	7	4	16	33	24	13	8	7	3	11	4-6
Shih-men	1400	10	9	13	4	6	12	16	21	11	11	13	11	11	4-6
Shih-tao	1400	20	15	21	19	16	27	39	27	13	8	19	22	21	4-6
Süchow	1400	21	15	23	19	17	29	36	36	17	10	20	16	22	4-6
Tientsin	1400	8	12	14	8	4	11	33	26	7	6	15	9	13	4-6
Tsinan	1400	12	5	15	9	10	16	34	25	12	8	12	9	14	4-6
Tsingtao	1400	17	12	20	16	18	32	42	21	13	8	16	18	19	4-6
Central Highlands:															
An-k'ang	1600	13	15	14	12	22	17	21	16	11	19	20	17	16	4-6
Ch'ang-chih	1400	4	10	19	11	18	12	29	27	16	16	13	11	16	4-6
Dolon Nor	1400	6	9	14	25	21	47	50	43	30	11	6	4	22	4-6
Fu-shih	1600	2	9	14	14	17	15	20	23	15	17	11	4	13	4-6
Hsi-feng-chen	1600	2	3	4	9	19	22	24	23	13	10	8	5	12	4-6
Kuei-sui	1600	4	11	10	17	26	32	33	27	26	14	6	11	18	4-6
Lan-chou	1600	1	3	8	17	18	19	10	16	10	9	5	1	10	4-6
Sian	1600	7	16	14	8	12	14	24	26	15	19	12	12	15	4-6
T'ai-yüan	1400	2	4	13	8	10	17	28	21	10	11	11	1	11	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u)	1600	3	7	8	12	16	27	27	29	17	4	5	5	13	4-6
Wu-tu	1600	5	5	6	4	9	5	5	8	7	3	6	4	6	4-6
Yen Ch'ih	1600	1	3	8	11	24	19	24	26	18	13	4	1	13	4-6
Yü-lin	1600	2	8	11	14	22	20	21	28	20	12	7	2	14	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	1	2	2	7	6	19	11	10	7	2	2	1	6	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	3	5	17	24	28	46	46	39	30	14	7	3	22	4-6
Hsing-hsing-hsia**	1500	1	6	4	4	10	13	12	10	5	2	1	2	6	4-5
Hsi-su-ni-t'e-wang-fu	1400	1	2	6	11	16	29	26	22	20	7	3	5	12	4-6
O-chi-na-ch'i	1600	7	4	0	7	na	na	8	0	0	0	0	0	na	1
P'ang-pei	1600	1	5	4	13	18	29	23	19	13	7	0	1	11	4-6
Pan-ting-t'o-lo-kai	1600	0	0	0	0	na	na	na	4	3	0	0	0	na	1
Shan-pa	1600	0	1	1	6	4	8	5	11	9	1	2	1	4	4-6
Shan-tan	1600	0	2	4	3	8	12	10	17	7	3	1	0	6	3-5
Ting-hsin	1600	2	3	1	9	2	14	14	13	5	0	1	1	5	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	1	1	13	25	24	36	45	36	29	8	11	0	19	4-6
Tun-huang	1500	1	1	1	2	3	3	3	1	0	0	0	0	1	4-6
Wen-ch'üan**	1400	19	11	15	37	48	59	60	62	48	27	28	18	36	4-6
Yin-ch'uan	1600	1	4	3	10	9	7	7	11	7	4	1	3	6	4-6
Yü-men	1500	3	1	3	3	5	8	2	4	2	1	0	1	3	4-6

See footnotes at end of table.

FIGURE 27. FREQUENCY OF CEILING* HEIGHT $\geq 4,920$ FEET (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	22	21	29	21	26	20	24	24	18	14	28	22	22	4-6
Ko-tse.....	1700	12	13	18	11	6	13	29	12	8	8	16	13	13	4-6
Lin-yü.....	1700	4	7	15	11	11	17	29	22	12	5	6	3	12	4-6
Lo-yang.....	1700	1	4	9	4	4	11	19	4	6	4	4	4	6	4-6
Peiping.....	1700	6	7	8	5	6	21	23	27	9	8	6	4	11	4-6
Shih-men.....	1700	8	8	10	4	4	17	15	14	6	10	11	9	10	4-6
Shih-tao.....	1700	10	13	16	14	10	33	43	28	11	11	16	20	19	4-6
Süchow.....	1700	15	11	20	20	16	20	23	22	13	8	16	13	16	4-6
Tientsin.....	1700	8	8	12	6	4	8	17	19	5	5	10	7	9	4-6
Tsinan.....	1700	7	5	10	8	5	17	31	20	8	6	7	8	11	4-6
Tsingtao.....	1700	15	12	21	17	16	28	41	21	13	7	17	13	18	4-6
Central Highlands:															
An-k'ang.....	1900	12	12	14	17	22	19	20	16	14	15	20	18	17	4-6
Ch'ang-chih.....	1700	6	6	16	15	18	18	29	24	16	13	9	12	15	4-6
Dolon Nor.....	1700	2	3	13	22	31	51	45	44	31	13	5	3	22	4-6
Fu-shih.....	1900	2	8	10	13	15	14	12	19	14	12	9	2	11	4-6
Hsi-feng-chen.....	1900	1	1	3	6	14	8	5	17	6	4	3	1	6	4-6
Kuei-sui.....	1900	1	5	8	11	13	24	28	27	23	10	7	3	13	4-6
Lan-chou.....	1900	1	2	10	11	12	11	8	15	14	8	6	0	8	4-6
Sian.....	1900	5	13	8	9	7	15	13	17	11	12	15	11	11	4-6
T'ai-yüan.....	1700	3	6	12	12	16	25	32	27	13	8	6	3	14	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	0	2	2	8	10	21	22	21	8	3	1	1	8	4-6
Wu-tu.....	1900	4	5	10	7	10	4	1	8	7	6	9	7	7	4-6
Yen Ch'ih.....	1900	0	1	2	7	14	9	13	12	9	7	2	1	6	4-6
Yü-lin.....	1900	1	6	5	13	12	13	19	19	16	6	5	2	10	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	1	1	1	5	5	6	5	9	5	1	1	1	3	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1800	1	3	16	26	30	42	44	36	31	8	4	1	29	4-6
Hsing-hsing-hsia**.....	1700	1	2	1	2	5	5	9	6	2	0	0	3	3	4-6
Hsi-su-ni-t'e-wang-fu..	1800	0	4	8	15	17	26	32	18	14	5	3	3	12	4-6
O-chi-na-ch'i.....	1900	0	0	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	1	1	2	5	8	14	16	15	9	2	2	0	6	4-6
Pan-ting-t'o-lo-kai.....	1900	0	2	0	2	0	0	0	0	0	0	0	0	***	1-3
Shau-pa.....	1900	0	1	0	4	2	8	6	10	7	1	2	1	4	4-6
Shan-tan.....	1900	0	1	1	3	5	4	9	9	4	1	0	0	3	4-6
Ting-hsin.....	1900	1	1	1	5	5	15	15	6	3	0	0	0	4	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	1	1	11	21	30	41	49	35	30	7	6	1	19	4-6
Tun-huang.....	1800	1	0	0	2	2	0	0	3	0	0	0	0	1	4-6
Wen-ch'üan**.....	1700	16	13	17	30	38	48	57	41	45	18	26	23	31	4-6
Yin-ch'uan.....	1900	0	5	2	5	8	4	7	6	6	4	2	2	4	4-6
Yü-men.....	1800	0	0	2	1	2	5	2	3	1	0	0	0	1	4-6

na Data not available.

* Ceiling herein defined as ≥ 5 -eighths cloud cover.

** Near but outside North China (NIS 39A, PART III Area).

*** <0.5%.

FIGURE 28. MEAN NUMBER OF DAYS WITH LOW CLOUD AMOUNT ≥ 2 -EIGHTHS AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	24	21	20	22	23	23	23	25	23	23	19	21	267	4-6
Ko-tse.....	2300	28	25	25	26	27	26	24	27	26	28	23	27	312	4-6
Lin-yü.....	2300	29	27	28	27	26	23	19	23	27	29	27	29	314	3-5
Lo-yang.....	2300	30	27	29	29	29	27	26	27	27	30	28	30	339	4-6
Peiping.....	2300	29	25	27	27	27	23	19	21	26	27	27	29	306	4-6
Shih-men.....	2300	29	26	26	28	27	23	23	23	26	27	24	26	307	4-6
Shih-tao.....	2300	27	25	25	24	27	18	14	20	27	27	23	25	281	3-5
Süchow.....	2300	27	24	25	23	26	23	24	25	24	26	21	25	291	3-5
Tientsin.....	2300	28	25	26	28	27	26	24	24	28	28	26	27	318	4-6
Tsinan.....	2300	27	27	27	27	28	24	24	26	27	28	26	27	318	4-6
Tsingtao.....	2300	26	24	24	23	25	17	16	21	24	27	23	24	275	4-6
Central Highlands:															
An-k'ang.....	0100	24	22	24	22	24	24	21	25	23	25	23	25	280	4-6
Ch'ang-chih.....	2300	29	25	26	26	28	24	24	22	24	25	26	27	306	3-5
Dolon Nor.....	2300	28	26	28	27	26	19	20	23	24	27	28	28	304	4-6
Fu-shih.....	0100	29	25	26	27	27	24	23	21	24	25	26	28	307	4-6
Hsi-feng-chen.....	0100	29	27	30	28	27	27	26	27	28	28	29	29	334	4-6
Kuei-sui.....	0100	29	26	29	26	28	24	21	22	25	27	29	29	315	4-6
Lan-chou.....	0100	30	26	28	25	26	25	24	23	25	27	26	30	316	4-6
Sian.....	0100	26	24	26	26	26	25	26	23	26	23	23	26	299	4-6
T'ai-yüan.....	2300	30	26	28	28	26	24	21	22	25	28	27	30	315	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	30	27	31	29	29	26	26	25	27	29	29	31	337	4-6
Wu-tu.....	0100	26	24	23	24	19	23	18	19	20	21	20	25	260	4-6
Yen Ch'ih.....	0100	31	27	30	29	29	26	26	27	28	29	30	31	342	4-6
Yü-lin.....	0100	31	27	29	28	27	26	23	25	26	29	28	29	326	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	31	28	31	30	30	28	28	29	28	30	30	31	351	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2200	31	27	30	28	27	23	21	24	24	29	29	31	322	4-6
Hsing-hsing-hsia*.....	0000	31	28	30	30	29	27	26	27	29	31	30	30	347	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	30	28	30	28	28	25	22	24	25	29	29	31	327	4-6
O-chi-na-ch'i.....	0100	31	28	31	30	31	na	30	31	30	31	30	31	na	1
P'ang-pei.....	0100	31	28	31	29	29	25	25	25	28	31	29	31	340	4-6
Pan-ting-t'o-lo-kai.....	0100	31	28	31	30	na	na	31	31	na	na	30	31	na	1
Shan-pa.....	0100	31	28	30	29	30	26	26	27	27	30	29	31	343	4-6
Shan-tan.....	0100	31	28	31	29	31	29	30	29	30	31	30	31	360	4-6
Ting-hsin.....	0100	31	28	31	30	30	28	29	29	29	31	30	31	357	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	2300	31	27	30	27	26	21	18	23	22	30	29	31	316	4-6
Tun-huang.....	0000	31	28	31	30	30	28	29	30	30	31	30	31	358	4-6
Wen-ch'üan*.....	2300	26	24	29	26	26	20	20	20	20	27	25	26	287	3-5
Yin-ch'üan.....	0100	31	26	30	29	28	29	28	27	28	29	29	30	344	4-6
Yü-men.....	0000	31	28	31	29	30	29	30	30	29	31	30	31	359	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	22	21	20	22	23	21	23	22	23	23	22	22	262	4-6
Ko-tse.....	0500	27	24	25	26	27	25	21	26	27	27	24	28	306	4-6
Lin-yü.....	0500	29	26	27	26	27	21	17	22	25	28	27	28	304	3-5
Lo-yang.....	0500	30	26	30	28	29	28	27	28	29	30	29	30	344	4-6
Peiping.....	0500	29	24	25	27	28	24	16	19	24	26	26	29	297	4-6
Shih-men.....	0500	29	25	26	27	28	26	22	20	27	26	24	27	306	4-6
Shih-tao.....	0500	27	24	25	23	26	15	12	17	25	27	24	25	270	3-5
Süchow.....	0500	25	23	22	22	24	20	19	21	24	25	21	24	270	3-5
Tientsin.....	0500	27	25	26	28	28	26	21	23	27	29	25	27	312	4-6
Tsinan.....	0500	25	25	26	27	25	25	24	24	27	27	25	27	309	4-6
Tsingtao.....	0500	26	22	23	21	23	12	13	17	24	27	22	26	258	4-6

See footnotes at end of table.

FIGURE 28. DAYS WITH LOW CLOUD AMOUNT ≥ 2 -EIGHTHS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	22	21	20	21	21	21	19	21	21	20	17	20	246	4-6
Ch'ang-chih.....	0500	29	26	26	26	24	22	21	21	26	26	27	28	300	4-6
Dolon Nor.....	0500	28	25	28	25	26	21	20	22	23	27	27	29	302	4-6
Fu-shih.....	0700	29	24	25	26	27	25	21	18	21	22	26	28	291	4-6
Hsi-feng-chen.....	0700	30	27	29	28	25	25	23	23	25	28	28	29	320	4-6
Kuei-sui.....	0700	29	25	28	25	25	22	21	20	24	26	28	28	301	4-6
Lan-chou.....	0700	30	26	27	24	26	24	24	22	25	25	26	30	309	4-6
Sian.....	0700	26	22	23	24	24	23	26	22	25	24	21	25	283	4-6
T'ai-yüan.....	0500	31	26	28	28	28	23	21	23	26	27	28	30	319	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	29	28	29	28	29	27	25	25	26	29	28	29	331	4-6
Wu-tu.....	0700	24	20	22	21	22	21	20	18	18	18	18	21	244	4-6
Yen Ch'ih.....	0700	30	27	29	28	27	27	27	27	27	28	29	31	338	4-6
Yü-lin.....	0700	31	26	27	26	27	26	22	22	25	27	27	30	316	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	31	28	30	28	28	27	28	27	27	30	29	31	342	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	31	28	29	28	26	23	22	25	25	30	29	31	326	4-6
Hsing-hsing-hsia.....	0600	30	27	30	29	30	28	27	27	28	31	30	30	347	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	30	27	30	29	29	22	23	24	28	29	29	30	330	4-6
O-chi-na-ch'i.....	0700	31	28	31	30	31	30	31	31	30	31	30	31	365	1
P'ang-pei.....	0700	31	28	30	28	28	26	26	27	25	30	29	31	339	4-6
Pan-ting-t'o-lo-kai.....	0700	31	28	31	30	na	na	na	31	na	31	29	31	na	1
Shan-pa.....	0700	31	28	30	27	29	28	26	25	26	30	29	30	338	4-6
Shan-tan.....	0700	31	28	31	29	31	29	29	29	29	30	30	31	357	4-6
Ting-hsin.....	0700	31	28	31	30	31	29	30	29	28	31	30	31	357	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	31	28	30	27	28	23	20	21	25	30	29	31	323	4-6
Yun-huang.....	0600	31	28	31	29	29	29	30	29	29	31	30	31	357	4-6
Wen-ch'üan*.....	0500	25	24	28	25	24	20	17	18	20	26	24	26	275	3-6
Yin-ch'uan.....	0700	30	26	30	29	28	27	28	25	26	30	28	30	337	4-6
Yü-men.....	0600	30	28	30	29	30	29	27	29	29	31	30	30	351	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	22	20	18	21	22	20	21	16	19	23	20	21	242	4-6
Ko-tse.....	1100	27	25	24	26	28	24	19	23	27	28	24	26	297	4-6
Lin-yü.....	1100	30	26	27	27	28	20	18	21	25	29	27	28	303	4-6
Lo-yang.....	1100	29	26	28	29	29	25	23	21	27	29	27	30	323	4-6
Peiping.....	1100	29	25	27	27	29	24	18	22	25	27	26	29	308	4-6
Shih-men.....	1100	27	25	24	28	28	26	22	22	26	28	24	27	309	4-6
Shih-tao.....	1100	23	23	25	24	26	16	15	22	24	25	22	22	266	4-6
Süchow.....	1100	25	22	22	23	24	20	17	17	21	27	21	26	264	4-6
Tientsin.....	1100	28	25	26	28	29	25	18	22	27	28	25	28	307	4-6
Tsinan.....	1100	28	26	25	26	28	24	22	22	26	28	26	27	306	4-6
Tsingtao.....	1100	25	22	24	23	23	17	16	21	24	27	23	25	270	4-6
Central Highlands:															
An-k'ang.....	1300	25	22	22	23	22	22	22	23	25	23	21	24	274	4-6
Ch'ang-chih.....	1100	28	26	23	24	25	23	20	17	25	25	23	26	285	4-6
Dolon Nor.....	1100	28	24	26	23	23	17	20	19	22	26	27	27	282	4-6
Fu-shih.....	1300	29	24	25	24	22	22	18	20	22	23	25	29	282	4-6
Hsi-feng-chen.....	1300	30	26	24	23	21	19	15	15	20	21	26	28	266	4-6
Kuei-sui.....	1300	28	24	28	22	23	16	17	18	21	24	27	28	276	4-6
Lan-chou.....	1300	30	26	27	25	23	24	23	21	25	26	27	30	308	4-6
Sian.....	1300	26	22	23	24	24	24	20	21	25	22	23	26	279	4-6
T'ai-yüan.....	1100	31	26	26	27	28	25	21	22	26	27	25	29	312	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	31	25	28	26	25	19	19	21	23	27	27	29	299	4-6
Wu-tu.....	1300	25	21	23	21	21	21	21	21	21	21	22	26	263	4-6
Yen Ch'ih.....	1300	30	27	28	26	22	19	18	18	22	26	28	31	293	4-6
Yü-lin.....	1300	30	26	27	25	23	23	19	20	22	25	27	30	297	4-6

See footnotes at end of table.

FIGURE 28. DAYS WITH LOW CLOUD AMOUNT ≥ 2 -EIGHTHS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1300	31	27	30	28	28	26	26	24	26	30	29	30	334	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	30	26	27	23	24	21	17	19	22	27	29	30	294	4-6
Hsing-hsing-hsia*	1200	30	26	28	27	25	22	22	24	27	31	29	31	322	4-6
Hsi-su-ni-t'e-wang-fu	1100	30	27	29	26	26	23	21	25	24	28	28	30	316	4-6
O-chi-na-ch'i	1300	30	27	31	30	31	24	26	26	28	31	30	31	345	1
P'ang-pei	1300	31	27	29	26	24	17	18	22	22	29	28	31	301	4-6
Pan-ting-t'o-lo-kai	1300	31	28	28	25	na	na	na	na	na	na	30	31	na	1
Shan-pa	1300	30	27	29	27	27	25	25	23	24	28	29	30	324	4-6
Shan-tan	1300	31	27	29	28	28	27	27	25	28	30	30	30	338	4-6
Ting-hsin	1300	30	28	29	28	27	27	27	28	28	31	30	30	343	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	31	28	29	24	24	21	18	18	22	28	29	30	303	4-6
Tun-huang	1200	30	27	31	28	30	28	29	31	30	31	30	31	355	4-6
Wen-ch'üan*	1100	24	24	27	23	19	16	11	12	17	24	23	24	244	4-6
Yin-ch'uan	1300	31	26	29	27	26	26	24	24	26	29	28	31	326	4-6
Yü-men	1200	30	28	30	29	28	28	30	29	29	31	29	31	351	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	23	20	20	21	20	18	17	13	18	23	20	23	236	4-6
Ko-tse	1400	27	24	23	26	26	23	17	19	25	27	23	25	284	4-6
Lin-yü	1400	29	26	26	26	27	23	18	21	25	28	27	28	304	4-6
Lo-yang	1400	29	24	25	28	27	25	21	21	26	26	27	29	307	4-6
Peiping	1400	29	26	25	27	28	23	15	19	25	27	27	29	300	4-6
Shih-men	1400	28	26	26	28	29	25	22	22	26	27	26	28	311	4-6
Shih-tao	1400	22	23	23	24	26	19	17	21	24	26	21	21	267	4-6
Süchow	1400	23	22	22	21	23	17	13	13	20	25	22	24	245	4-6
Tientsin	1400	28	24	25	27	28	23	19	20	27	28	25	28	303	4-6
Tsinan	1400	27	25	25	26	26	23	17	20	25	27	25	28	292	4-6
Tsingtao	1400	25	23	23	24	25	19	17	22	24	27	23	23	275	4-6
Central Highlands:															
An-k'ang	1600	24	22	24	24	22	22	20	23	24	22	21	24	271	4-6
Ch'ang-chih	1400	29	24	23	24	22	23	17	19	22	24	25	27	279	4-6
Dolon Nor	1400	25	23	24	20	21	12	12	13	16	25	26	27	244	4-6
Fu-shih	1600	30	24	25	23	22	22	21	17	22	22	25	29	279	4-6
Hsi-feng-chen	1600	30	26	26	25	22	20	17	19	23	22	26	29	284	4-6
Kuei-sui	1600	29	24	26	23	20	17	17	19	20	26	28	27	276	4-6
Lan-chou	1600	30	27	27	22	20	20	19	20	21	27	26	30	289	4-6
Sian	1600	27	23	23	26	25	23	20	22	25	23	25	26	287	4-6
T'ai-yüan	1400	30	25	26	26	26	23	19	21	25	26	26	30	302	4-6
Wu-la-t'e-chung-hon-lien-ho-ch'i (Hailiu-t'u)	1600	30	25	28	24	24	17	19	19	22	28	28	29	290	4-6
Wu-tu	1600	24	21	19	19	15	18	14	17	16	19	20	25	227	4-6
Yen Ch'ih	1600	31	26	28	25	21	20	19	16	21	26	28	30	290	4-6
Yü-lin	1600	30	25	26	24	22	22	20	20	22	25	27	29	290	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	31	27	30	26	27	19	21	22	24	30	29	30	317	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	29	26	24	20	20	12	10	15	18	25	27	30	257	4-6
Hsing-hsing-hsia*	1500	30	26	28	26	25	21	21	24	25	30	29	30	315	4-6
Hsi-su-ni-t'o-wang-fu	1400	30	26	27	23	22	14	15	15	19	27	28	29	274	4-6
O-chi-na-ch'i	1600	29	27	31	28	31	na	26	28	30	31	29	31	na	1
P'ang-pei	1600	31	26	29	24	24	18	20	21	24	28	29	31	303	4-6
Pan-ting-t'o-lo-kai	1600	31	27	26	28	na	na	23	21	27	31	30	30	na	1
Shan-pa	1600	30	27	30	27	27	21	22	22	24	29	29	30	317	4-6
Shan-tan	1600	31	27	29	29	27	24	26	22	26	29	30	31	329	3-5
Ting-hsin	1600	30	27	29	27	28	25	25	25	27	31	30	30	333	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	31	27	26	21	22	15	14	16	18	28	26	31	272	4-6
Tun-huang	1500	31	28	30	29	29	27	28	30	29	31	30	31	351	4-6
Wen-ch'üan*	1400	25	24	26	18	14	9	9	10	13	22	21	25	215	4-6
Yin-ch'uan	1600	31	27	29	26	26	25	26	24	25	29	29	30	326	4-6
Yü-men	1500	30	28	29	28	28	26	28	29	29	31	29	31	346	4-6

See footnotes at end of table.

FIGURE 28. DAYS WITH LOW CLOUD AMOUNT ≥ 2 -EIGHTHS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	22	20	20	21	21	22	21	20	23	24	21	23	257	4-6
Ko-tse.....	1700	27	24	24	26	28	25	19	25	27	28	25	27	305	4-6
Lin-yü.....	1700	29	26	26	26	26	22	18	21	25	29	28	29	306	4-6
Lo-yang.....	1700	30	26	27	28	28	25	22	28	27	28	27	30	324	4-6
Peiping.....	1700	28	25	27	28	28	22	19	19	26	28	27	29	305	4-6
Shih-men.....	1700	28	26	27	28	29	23	22	25	27	27	27	28	317	4-6
Shih-tao.....	1700	26	23	24	25	27	18	16	22	26	27	24	23	281	4-6
Süchow.....	1700	25	24	23	21	23	20	18	19	23	26	23	25	269	4-6
Tientsin.....	1700	28	25	27	28	29	25	24	22	27	29	27	28	319	4-6
Tsinan.....	1700	29	25	26	27	26	23	18	21	26	28	26	28	301	4-6
Tsingtao.....	1700	25	23	23	24	25	19	16	22	25	28	23	25	279	4-6
Central Highlands:															
An-k'ang.....	1900	23	22	23	23	22	21	22	21	23	25	21	23	269	4-6
Ch'ang-chih.....	1700	29	25	23	24	22	22	19	19	21	23	25	27	278	4-6
Dolon Nor.....	1700	27	24	23	20	19	12	14	15	17	25	27	27	252	4-6
Fu-shih.....	1900	30	25	26	25	23	24	23	20	24	25	26	30	300	4-6
Hsi-feng-chen.....	1900	30	27	29	26	24	26	25	25	26	27	28	30	324	4-6
Kuei-sui.....	1900	30	26	28	26	24	19	18	21	23	28	28	29	301	4-6
Lan-chou.....	1900	30	27	27	23	22	20	18	19	20	26	27	31	290	4-6
Sian.....	1900	28	23	25	26	26	24	23	22	25	25	23	26	296	4-6
T'ai-yüan.....	1700	30	26	26	26	22	20	19	20	23	27	27	30	295	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	30	26	30	26	27	21	22	21	27	30	29	30	319	4-6
Wu-tu.....	1900	25	21	19	19	15	20	19	14	16	20	19	23	228	4-6
Yen Ch'ih.....	1900	31	27	30	27	26	25	24	25	26	28	29	30	327	4-6
Yü-lin.....	1900	31	26	28	25	25	23	20	22	23	27	27	30	308	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	31	28	31	28	29	25	25	24	26	30	30	31	336	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1700	30	26	25	21	19	13	13	16	17	27	28	30	265	4-6
Hsing-hsing-hsia*.....	1800	30	27	30	28	27	25	24	27	29	31	30	30	338	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	30	25	27	22	21	16	14	18	21	28	28	30	278	4-6
O-chi-na-ch'i.....	1900	31	28	31	29	31	na	29	30	30	31	30	31	na	1
P'ang-pei.....	1900	31	28	29	27	26	23	22	24	25	30	29	31	323	4-6
Pan-ting-t'o-lo-kai.....	1900	31	27	30	30	30	26	26	25	27	30	30	31	342	1-3
Shan-pa.....	1900	31	27	30	27	28	23	23	24	25	30	29	31	327	4-6
Shan-tan.....	1900	31	28	30	29	28	28	24	24	27	30	30	31	340	4-6
Ting-hsin.....	1900	31	28	30	28	29	24	25	27	28	31	30	31	341	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	31	27	27	22	20	15	12	18	17	26	28	31	274	4-6
Tun-huang.....	1800	31	28	31	29	30	28	29	29	29	31	30	31	355	4-6
Wen-ch'üan*.....	1700	25	24	25	20	17	12	11	15	13	25	21	23	232	4-6
Yin-ch'uan.....	1900	30	26	29	28	26	26	24	24	26	28	29	30	327	4-6
Yü-men.....	1800	31	28	29	28	28	27	27	29	29	31	30	31	347	4-6

NOTE Low cloud herein is defined as the lowest cloud layer reported, excluding cirrus type clouds.

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 29. MEAN NUMBER OF DAYS WITH LOW CLOUD AMOUNT ≥ 6 -EIGHTHS AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	7	6	11	7	8	6	8	5	7	8	11	10	93	4-6
Ko-tse.....	2300	3	3	5	4	3	4	6	4	3	4	7	4	49	4-6
Lin-yü.....	2300	2	1	3	3	4	6	10	6	3	2	3	2	43	3-5
Lo-yang.....	2300	1	1	1	1	1	2	4	3	2	1	2	1	19	4-6
Peiping.....	2300	2	2	4	3	4	5	10	8	3	3	3	2	50	4-6
Shih-men.....	2300	2	2	5	2	3	5	6	7	3	4	6	5	50	4-6
Shih-tao.....	2300	3	2	5	6	4	11	16	10	3	4	6	5	74	3-5
Süchow.....	2300	4	4	6	7	4	6	5	3	5	5	8	6	63	3-5
Tientsin.....	2300	3	2	5	2	4	4	6	6	2	2	4	4	43	4-6
Tsinan.....	2300	3	2	3	2	3	5	6	4	2	3	4	4	41	4-6
Tsingtao.....	2300	4	3	7	7	5	11	13	9	5	4	6	6	79	4-6
Central Highlands:															
An-k'ang.....	0100	6	6	7	7	7	5	9	5	6	5	6	6	74	4-6
Ch'ang-chih.....	2300	1	3	4	3	2	4	4	8	4	4	4	4	46	3-5
Dolon Nor.....	2300	2	2	2	2	4	8	10	7	5	3	1	2	49	4-6
Fu-shih.....	0100	2	3	4	3	4	5	6	8	4	5	4	2	50	4-6
Hai-feng-chen.....	0100	2	1	1	2	4	2	5	3	2	2	1	1	28	4-6
Kuei-sui.....	0100	2	2	2	4	3	5	7	6	4	3	1	2	38	4-6
Lan-chou.....	0100	1	1	2	5	5	3	6	7	4	3	4	1	42	4-6
Sian.....	0100	5	4	5	4	4	4	4	7	3	7	6	5	58	4-6
T'ai-yüan.....	2300	1	1	2	2	4	4	8	7	4	3	3	1	39	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	1	1	1	1	2	2	3	4	2	2	1	*	18	4-6
Wu-tu.....	0100	4	3	7	5	9	5	9	8	7	7	7	5	74	4-6
Yen Ch'ih.....	0100	0	*	1	1	1	3	3	4	2	1	*	*	17	4-6
Yü-lin.....	0100	*	1	1	2	3	3	6	6	3	2	2	2	31	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	*	0	*	1	2	2	2	2	1	1	*	*	10	4-6
Hai-lin-hao-t'e (Pei- tzu-miao).....	2300	*	1	1	2	3	6	8	6	5	5	1	1	40	4-6
Hsing-hsing-hsia**.....	0000	0	*	1	*	2	2	4	3	1	0	*	1	13	4-6
Hai-su-ni-t'e wang-fu.....	2300	1	1	1	2	2	4	6	5	2	2	1	1	25	4-6
O-chi-na-ch'i.....	0100	0	0	0	0	0	na	1	0	0	0	0	0	na	1
P'ang-pei.....	0100	*	*	*	1	2	3	4	4	1	*	1	1	16	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	0	0	na	na	0	0	na	1
Shan-pa.....	0100	*	*	1	1	1	3	4	4	2	1	1	0	17	4-6
Shan-tan.....	0100	0	*	0	*	0	*	1	1	*	0	0	0	3	4-6
Ting-hsin.....	0100	0	0	*	*	*	1	2	2	1	0	0	*	6	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	2300	0	0	*	3	4	6	9	7	6	1	*	0	36	4-6
Tun-huang.....	0000	*	0	*	*	*	1	2	1	*	0	0	0	4	4-6
Wen-ch'üan**.....	2300	5	3	2	4	4	7	10	10	9	4	5	5	67	3-5
Yin-ch'uan.....	0100	0	1	1	*	2	1	2	4	2	1	1	1	15	4-6
Yü-men.....	0000	0	0	*	*	1	*	1	1	1	0	0	0	4	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	9	7	11	8	8	9	7	9	7	8	8	9	99	4-6
Ko-tse.....	0500	4	4	7	4	4	5	9	5	3	4	6	3	56	4-6
Lin-yü.....	0500	2	1	4	4	4	8	12	8	4	2	3	3	54	3-5
Lo-yang.....	0500	1	2	1	2	2	2	3	2	1	1	1	1	17	4-6
Peiping.....	0500	2	3	5	3	3	6	13	10	6	4	4	2	61	4-6
Shih-men.....	0500	2	2	5	3	3	3	8	9	3	4	6	5	52	4-6
Shih-tao.....	0500	3	4	6	7	5	14	18	11	5	3	6	5	84	3-5
Süchow.....	0500	6	5	9	8	7	9	10	8	5	5	8	7	85	3-5
Tientsin.....	0500	4	3	5	2	3	3	8	6	3	2	5	3	45	4-6
Tsinan.....	0500	6	3	5	2	5	4	5	5	3	3	4	4	48	4-6
Tsingtao.....	0500	4	5	7	8	7	15	16	12	4	3	7	4	94	4-6

See footnotes at end of table.

FIGURE 29. DAYS WITH LOW CLOUD AMOUNT ≥ 6 -EIGHTHS (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:															
An-k'ang	0700	8	7	10	9	8	8	9	8	7	10	12	10	104	4-6
Ch'ang-chih	0500	2	2	4	4	5	7	8	8	3	5	3	3	54	4-6
Dolon Nor	0500	2	2	2	4	3	7	8	8	5	3	3	2	48	4-6
Fu-shih	0700	2	4	5	4	4	5	9	12	8	8	4	3	67	4-6
Hsi-feng-chen	0700	1	1	2	2	5	4	6	7	4	3	2	2	36	4-6
Kuei-sui	0700	2	2	3	4	4	7	7	9	4	5	2	2	50	4-6
Lan-chou	0700	1	2	3	5	4	5	5	7	4	5	3	1	46	4-6
Sian	0700	5	6	8	6	6	5	5	7	4	7	8	5	72	4-6
T'ai-yüan	0500	*	2	2	2	2	4	8	6	3	3	2	1	35	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u)	0700	1	*	2	1	1	2	4	5	2	2	2	1	23	4-6
Wu-tu	0700	6	7	7	7	6	4	7	8	8	7	9	8	85	4-6
Yen Ch'ih	0700	1	1	2	2	4	2	3	4	3	2	1	*	22	4-6
Yü-lin	0700	*	2	3	3	4	3	7	9	4	3	3	2	41	4-6
Northern Plateau:															
Chi-lan-t'ai	0700	*	1	1	2	2	2	1	3	2	1	1	1	15	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao)	0500	0	*	2	1	4	5	8	5	4	2	1	0	31	4-6
Hsing-hsing-hsia**	0600	1	*	1	1	1	2	2	2	*	0	0	1	11	4-0
Hsi-su-ni-t'e-wang-fu	0500	1	1	1	1	1	5	6	5	2	1	1	1	25	4-6
O-chi-na-ch'i	0700	0	0	0	0	0	0	0	0	0	0	0	0	0	1
P'ang-pei	0700	0	1	1	1	2	2	2	3	3	1	1	*	17	4-6
Pan-ting-t'o-lo-kai	0700	0	0	0	0	na	na	na	0	na	0	0	0	na	1
Shan-pa	0700	0	*	1	2	1	2	3	4	3	1	1	*	18	4-6
Shan-tan	0700	0	*	0	*	*	*	1	1	1	*	0	0	3	4-6
Ting-hsin	0700	0	0	*	*	*	1	1	2	1	0	*	*	5	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lich-miao)	0500	*	0	1	3	3	5	8	8	4	1	1	0	33	4-6
Tun-huang	0600	0	0	*	1	1	*	1	1	0	0	0	*	4	4-6
Wen-ch'üan**	0500	6	4	3	5	7	9	13	12	8	5	6	5	81	3-6
Yin-ch'üan	0700	1	2	1	1	2	3	3	5	2	*	2	1	21	4-6
Yü-men	0600	1	*	1	1	1	1	4	2	1	*	*	1	13	4-6
Eastern Plain and Hills:															
Hsin-yang	1100	9	7	12	8	8	9	7	11	9	7	10	10	107	4-6
Ko-tse	1100	4	3	7	4	3	4	11	6	2	3	6	5	58	4-6
Lin-yü	1100	1	1	5	3	3	8	11	6	4	2	3	3	49	4-6
Lo-yang	1100	2	1	2	1	1	4	5	4	2	2	2	1	26	4-6
Peiping	1100	2	3	4	2	1	4	8	7	4	3	3	2	45	4-6
Shih-men	1100	4	3	6	2	3	4	7	7	3	3	5	4	50	4-6
Shih-tao	1100	6	5	6	6	5	13	14	7	3	4	6	6	79	4-6
Süchow	1100	6	5	8	6	5	9	11	12	6	3	8	5	84	4-6
Tientsin	1100	3	3	5	2	1	4	9	6	2	2	4	3	46	4-6
Tsinan	1100	3	2	5	3	2	5	6	6	3	3	4	4	45	4-6
Tsingtao	1100	5	5	7	6	6	11	11	7	4	2	6	5	74	4-6
Central Highlands:															
An-k'ang	1300	6	4	8	7	7	5	5	3	4	7	7	6	68	4-6
Ch'ang-chih	1100	3	2	7	4	5	5	7	10	4	5	6	5	62	4-6
Dolon Nor	1100	3	3	4	5	6	9	8	10	6	4	2	3	64	4-6
Fu-shih	1300	1	3	6	4	7	5	9	6	5	6	5	2	58	4-6
Hsi-feng-chen	1300	1	2	6	5	8	7	12	12	7	8	3	3	73	4-6
Kuei-sui	1300	2	3	2	6	6	8	8	7	7	4	1	2	56	4-6
Lan-chou	1300	1	2	3	4	5	4	3	6	4	4	2	1	38	4-6
Sian	1300	4	6	6	5	5	5	7	6	4	7	7	5	67	4-6
T'ai-yüan	1100	*	1	3	3	2	3	6	7	3	3	4	2	37	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u)	1300	*	1	1	2	3	4	6	7	5	2	3	1	35	4-6
Wu-tu	1300	4	3	6	6	6	5	5	6	5	6	5	4	62	4-6
Yen Ch'ih	1300	1	1	3	3	7	7	8	9	4	4	1	*	47	4-6
Yü-lin	1300	1	2	4	4	4	4	8	8	6	4	2	1	46	4-6

See footnotes at end of table.

FIGURE 29. DAYS WITH LOW CLOUD AMOUNT ≥ 6 -EIGHTHS (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:															
Chi-lan-t'ai	1300	0	1	1	1	1	3	3	3	2	1	1	*	17	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	1	1	3	6	6	7	9	7	5	3	1	1	49	4-6
Hsing-hsing-hsia***	1200	1	2	1	2	4	5	5	5	2	*	1	*	29	4-6
Hsi-su-ni-t'e-wang-fu	1100	1	1	2	2	2	4	7	4	4	1	2	1	32	4-6
O-chi-na-ch'i	1300	1	1	0	0	0	0	2	4	0	0	0	0	8	1
P'ang-pei	1300	*	1	2	3	5	9	6	4	4	1	1	*	37	4-6
Pan-ting-t'o-lo-kai	1300	0	0	2	5	na	na	na	na	na	na	0	0	na	1
Shan-pa	1300	*	1	1	2	2	3	4	5	5	2	1	*	27	4-6
Shan-tan	1300	*	1	*	1	1	2	2	2	1	1	*	1	11	4-6
Ting-hsin	1300	1	*	1	1	2	2	2	2	1	*	*	*	14	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	0	0	1	4	5	6	8	9	6	3	1	*	42	4-6
Tun-huang	1200	*	1	*	1	*	1	1	*	*	0	0	*	5	4-6
Wen-ch'üan**	1100	7	3	3	7	11	10	16	16	12	6	7	6	104	4-6
Yin-ch'uan	1300	*	2	2	2	3	2	3	4	2	1	2	*	23	4-6
Yü-men	1200	1	*	1	1	2	2	1	1	1	0	1	0	10	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	8	7	10	8	8	8	8	11	9	6	9	8	100	4-6
Ko-tse	1400	4	4	7	3	3	4	9	5	4	4	7	6	60	4-6
Lin-yü	1400	1	2	4	3	4	6	10	7	3	2	2	2	47	4-6
Lo-yang	1400	1	4	4	2	2	3	4	4	2	3	3	1	33	4-6
Peiping	1400	2	2	4	3	2	5	10	7	4	3	3	1	45	4-6
Shih-men	1400	3	2	5	1	2	3	7	6	3	3	4	3	43	4-6
Shih-tao	1400	6	4	6	5	5	9	13	8	3	3	6	6	75	4-6
Süchow	1400	7	5	8	7	6	9	12	9	4	4	6	5	82	4-6
Tientsin	1400	3	3	5	2	2	3	9	7	1	2	5	3	46	4-6
Tsiran	1400	4	3	5	3	3	4	9	8	4	3	4	3	53	4-6
Tsingtao	1400	5	4	6	5	5	9	12	6	4	2	4	5	68	4-6
Central Highlands:															
An-k'ang	1600	6	5	6	6	8	6	6	5	5	8	8	7	75	4-6
Ch'ang-chih	1400	2	3	7	4	7	4	8	8	4	6	5	4	59	4-6
Dolon Nor	1400	5	3	6	7	7	13	15	13	10	4	3	4	90	4-6
Fu-shih	1600	1	3	6	5	7	6	9	9	6	7	5	2	64	4-6
Hsi-feng-chen	1600	1	1	4	4	7	7	8	7	4	7	4	2	54	4-6
Kuei-sui	1600	1	3	3	4	7	9	10	8	7	4	2	2	59	4-6
Lan-chou	1600	*	1	3	7	8	7	8	6	5	4	3	*	51	4-6
Sian	1600	3	5	6	3	5	5	7	7	3	6	5	4	59	4-6
T'ai-yüan	1400	1	1	4	3	3	5	8	6	3	3	4	1	41	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u)	1600	1	2	2	4	3	5	6	7	4	1	2	1	37	4-6
Wu-tu	1600	6	5	8	8	11	7	10	10	9	9	7	5	94	4-6
Yen Ch'ih	1600	*	2	3	4	7	6	6	9	4	3	1	*	46	4-6
Yü-lin	1600	1	2	4	4	7	5	7	8	6	4	2	2	53	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	*	1	1	2	2	8	5	3	3	*	1	1	26	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	1	1	6	7	8	11	11	10	8	4	2	1	72	4-6
Hsing-hsing-hsia**	1500	1	2	2	1	3	6	7	5	2	1	*	1	30	4-5
Hsi-su-ni-t'e-wang-fu	1400	1	2	3	4	6	12	10	10	8	3	2	2	61	4-6
O-chi-na-ch'i	1600	2	1	0	2	0	na	3	1	0	0	0	0	na	1
P'ang-pei	1600	*	1	1	4	4	7	5	4	4	2	*	*	32	4-6
Pan-ting-t'o-lo-kai	1600	0	0	4	1	na	na	0	9	3	0	0	0	na	1
Shan-pa	1600	1	*	*	2	2	5	5	5	5	1	1	*	27	4-6
Shan-tan	1600	0	*	1	*	2	2	4	5	2	1	0	*	18	3-5
Ting-hsin	1600	1	1	1	3	1	4	4	3	1	0	*	*	19	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	*	1	4	7	7	9	12	10	7	3	2	*	62	4-6
Tun-huang	1500	*	*	*	1	2	1	2	0	*	0	0	*	7	4-6
Wen-ch'üan**	1400	5	3	4	10	14	17	16	17	14	8	8	5	122	4-6
Yin-ch'uan	1600	*	1	1	3	4	2	3	4	4	1	1	1	24	4-6
Yü-men	1500	1	*	1	2	2	2	2	1	1	*	1	*	13	4-6

See footnotes at end of table.

FIGURE 29. DAYS WITH LOW CLOUD AMOUNT ≤ 6 -EIGHTHS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	8	7	10	7	9	6	6	8	6	6	8	7	89	4-6
Ko-tse.....	1700	4	4	6	3	2	4	8	3	2	3	5	5	49	4-6
Lin-yü.....	1700	1	2	5	3	4	7	9	7	4	2	2	2	46	4-6
Lo-yang.....	1700	*	1	4	1	2	3	5	1	2	2	2	1	23	4-6
Peiping.....	1700	2	2	3	1	3	6	7	9	3	2	3	2	41	4-6
Shih-men.....	1700	3	2	4	2	2	5	7	4	2	3	3	3	39	4-6
Shih-tao.....	1700	4	4	6	4	3	11	14	9	3	3	5	6	71	4-6
Süchow.....	1700	6	4	7	8	7	6	6	7	4	4	6	5	71	4-6
Tientsin.....	1700	3	2	4	2	1	3	5	6	2	1	3	2	33	4-6
Tsinan.....	1700	3	2	4	3	3	4	10	7	2	2	3	3	47	4-6
Tsingtao.....	1700	5	4	7	6	5	10	12	6	3	3	5	4	68	4-6
Central Highlands:															
An-k'ang.....	1900	8	5	7	7	8	6	7	6	6	6	8	8	82	4-6
Ch'ang-chih.....	1700	2	2	7	5	6	6	9	7	5	5	4	3	59	4-6
Dolon Nor.....	1700	2	4	6	7	10	14	14	12	10	4	2	3	89	4-6
Fu-shih.....	1900	1	3	5	4	7	5	6	7	5	6	4	1	53	4-6
Hsi-feng-chen.....	1900	1	*	2	3	5	3	3	5	3	3	2	1	30	4-6
Kuei-sui.....	1900	1	2	2	3	5	8	8	7	6	2	2	1	48	4-6
Lan-chou.....	1900	1	1	3	5	6	7	9	10	7	4	3	*	56	4-6
Sian.....	1900	3	4	6	4	3	4	5	6	3	6	7	5	55	4-6
T'ai-yüan.....	1700	1	1	4	4	5	6	9	8	5	3	3	1	49	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	1	1	1	3	3	6	6	6	2	1	1	1	30	4-6
Wu-tu.....	1900	5	5	9	7	12	9	9	12	10	7	8	6	99	4-6
Yen Ch'ih.....	1900	*	1	1	3	3	4	5	4	4	3	1	1	31	4-6
Yü-lin.....	1900	*	2	3	4	4	4	7	6	4	3	2	1	40	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	*	*	1	2	2	2	5	4	2	*	*	1	19	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1700	1	1	5	7	8	10	13	10	9	3	2	*	68	4-6
Hsing-hsing-hsia**.....	1800	*	1	1	1	2	3	5	3	1	0	0	1	17	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	1	2	3	5	5	9	11	7	6	3	2	1	54	4-6
O-chi-na-ch'i.....	1900	0	0	0	0	0	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	*	*	1	2	3	5	5	4	3	1	1	0	25	4-6
Pan-ting-t'o-lo-kai.....	1900	0	1	*	*	1	2	4	4	1	0	0	0	13	1-3
Shan-pa.....	1900	*	*	*	3	2	5	6	5	4	1	1	*	28	4-6
Shan-tan.....	1900	0	*	*	1	2	1	3	3	2	*	0	*	13	4-6
Ting-hsin.....	1900	*	*	1	2	2	4	4	2	1	*	*	*	18	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	*	*	3	6	8	11	13	11	9	3	2	*	65	4-6
Tun-huang.....	1800	*	0	*	1	1	*	1	1	*	0	0	0	5	4-6
Wen-ch'üan**.....	1700	5	3	5	8	12	13	15	11	13	6	8	7	105	4-6
Yin-ch'uan.....	1900	1	2	2	2	4	3	5	4	3	2	1	1	28	4-6
Yü-men.....	1800	0	*	2	2	3	3	2	*	2	0	0	*	13	4-6

NOTE Low cloud herein is defined as the lowest cloud layer reported, excluding cirrus type clouds.

na Data not available.

* < 0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 30. PERCENTAGE FREQUENCY OF VISIBILITY <2½ MILES AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	4	1	1	0	0	0	0	0	0	0	2	7	1	4-6
Ko-tse.....	2300	4	2	1	1	0	1	0	0	0	0	4	7	2	4-6
Lin-yü.....	2300	1	0	3	0	1	0	1	1	0	0	0	0	1	3-5
Lo-yang.....	2300	1	0	0	0	0	0	0	0	0	2	1	1	*	4-6
Peiping.....	2300	11	9	2	2	0	0	2	1	2	2	7	14	4	4-6
Shih-men.....	2300	2	1	0	1	1	0	0	0	1	1	3	6	1	4-6
Shih-tao.....	2300	1	2	5	5	5	11	21	5	0	0	1	0	5	3-5
Süchow.....	2300	3	0	1	0	0	1	0	1	1	2	2	8	2	3-5
Tientsin.....	2300	4	2	3	0	0	1	0	0	0	1	5	9	2	4-6
Tsinan.....	2300	8	5	3	0	0	1	0	2	0	2	6	13	3	4-6
Tsingtao.....	2300	0	2	7	7	6	10	12	0	1	0	0	4	4	4-6
Central Highlands:															
An-k'ang.....	0100	0	0	1	0	0	0	0	0	1	0	2	2	1	4-6
Ch'ang-chih.....	2300	4	1	0	0	1	1	1	1	0	1	2	2	1	3-5
Dolon Nor.....	2300	3	3	2	2	0	1	0	1	0	0	1	2	1	4-6
Fu-shih.....	0100	2	4	1	1	1	1	0	1	1	1	1	1	1	4-6
Hsi-feng-chen.....	0100	4	6	2	3	1	1	1	3	4	1	3	2	3	4-6
Kuei-sui.....	0100	1	1	2	2	1	0	0	1	0	0	0	0	1	4-6
Lan-chou.....	0100	25	10	8	6	3	1	1	0	1	2	5	31	8	4-6
Sian.....	0100	17	10	7	6	4	4	3	3	7	15	8	10	8	4-6
T'ai-yüan.....	2300	1	1	1	1	1	0	2	0	0	1	3	3	1	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	0	1	4	1	2	0	0	1	0	0	0	0	1	4-6
Wu-tu.....	0100	0	1	0	2	0	0	0	1	1	0	0	0	*	4-6
Yen Ch'ih.....	0100	3	2	3	4	0	2	0	1	0	1	1	2	1	4-6
Yü-lin.....	0100	1	1	2	2	0	1	0	0	0	1	1	3	1	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	1	1	0	1	1	0	0	0	0	0	0	0	*	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	1	0	1	1	1	0	1	1	1	0	0	1	1	4-6
Hsing-hsing-hsia**.....	0000	5	1	3	2	0	0	0	0	1	1	0	3	1	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	0	0	1	0	0	0	0	0	0	0	1	1	*	2-4
O-chi-na-ch'i.....	0100	0	4	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	0100	1	0	2	0	0	0	0	1	0	0	1	1	1	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	na	na	na	na	0	3	na	1
Shan-pa.....	0100	0	0	0	1	1	0	1	0	1	1	2	0	1	4-6
Shan-tan.....	0100	1	1	5	3	1	1	1	1	0	0	0	0	1	4-6
Ting-hsin.....	0100	2	0	0	1	1	1	0	1	1	1	0	0	1	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lich-miao).....	2300	0	0	0	2	1	0	0	0	0	1	0	0	*	4-6
Tun-huang.....	0000	0	0	2	2	2	1	1	0	1	0	0	0	1	4-6
Wen-ch'üan**.....	2300	1	0	1	1	0	1	1	0	2	0	0	0	*	3-5
Yin-ch'uan.....	0100	1	1	1	1	0	0	0	0	0	0	1	1	1	4-6
Yü-men.....	0000	2	0	2	3	0	1	0	0	0	0	0	1	1	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	8	2	6	6	4	2	2	0	2	2	6	6	4	4-6
Ko-tse.....	0500	9	3	5	0	0	1	1	2	1	2	5	8	3	4-6
Lin-yü.....	0500	1	1	2	0	1	2	2	0	0	0	1	0	1	4-6
Lo-yang.....	0500	4	0	1	1	1	0	0	2	1	3	4	4	2	4-6
Peiping.....	0500	12	9	5	1	2	4	11	6	6	8	4	12	7	4-6
Shih-men.....	0500	6	1	1	0	2	2	2	6	1	2	3	3	2	4-6
Shih-tao.....	0500	3	2	7	7	7	22	30	7	2	1	0	2	8	4-6
Süchow.....	0500	10	7	8	6	9	3	10	2	4	3	7	8	6	4-6
Tientsin.....	0500	6	6	3	0	2	7	11	4	2	4	7	11	5	4-6
Tsinan.....	0500	8	5	4	1	3	3	7	4	2	1	9	11	5	4-6
Tsingtao.....	0500	5	3	8	9	10	24	20	1	0	2	1	1	7	4-6

See footnotes at end of table.

FIGURE 30. FREQUENCY OF VISIBILITY <2½ MILES (Continued)

REGION AND STATION	HOURLY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(IST)														
Central Highlands:															
An-k'ang.....	0700	3	1	4	2	0	1	0	2	3	9	18	12	5	4-6
Ch'ang-chih.....	0500	4	4	2	4	1	0	5	4	2	3	4	2	3	4-6
Dolon Nor.....	0500	4	3	2	1	0	2	3	3	0	1	2	2	2	4-6
Fu-shih.....	0700	2	3	4	5	0	1	6	15	11	14	1	4	6	4-6
Hsi-feng-chen.....	0700	4	8	5	3	3	5	1	9	9	9	9	10	6	4-6
Kuei-sui.....	0700	9	3	3	3	0	0	1	1	2	1	1	7	3	4-6
Lan-chou.....	0700	28	16	11	8	5	5	4	3	2	10	12	41	12	4-6
Sian.....	0700	36	35	32	24	15	8	17	14	31	41	39	45	28	4-6
T'ai-yüan.....	0500	2	2	1	1	0	1	2	5	1	4	4	3	2	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	1	1	2	1	1	0	0	1	0	0	2	0	1	4-6
Wu-tu.....	0700	0	1	1	2	1	0	0	0	1	0	0	0	1	4-6
Yen Ch'ih.....	0700	3	2	5	8	3	2	2	2	1	0	1	2	3	4-6
Yü-lin.....	0700	3	2	1	3	1	1	1	2	1	4	2	3	2	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	1	2	2	4	4	0	0	1	1	0	2	0	1	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	0	2	2	1	1	1	0	1	1	0	1	0	1	4-6
Hsing-hsing-hsia**.....	0600	5	3	4	3	1	0	0	0	1	0	0	4	2	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	0	1	4	0	1	1	0	0	1	0	0	1	1	4-5
O-chi-na-ch'i.....	0700	0	0	0	4	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	0700	1	1	1	0	0	1	0	0	1	2	0	0	1	4-6
Pan-t'ing-t'e-ku-kai.....	0700	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	0	1	2	1	1	0	0	3	1	0	1	0	1	4-6
Shan-tan.....	0700	1	1	2	3	2	2	0	0	0	0	1	1	1	4-6
Ting-hsin.....	0700	1	1	2	1	1	1	1	0	1	0	1	1	1	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lien-miao).....	0500	0	0	0	1	0	0	2	2	1	0	0	1	1	4-6
Tun-huang.....	0600	0	0	2	1	1	0	2	1	0	0	0	0	1	4-6
Wen-ch'üan**.....	0500	1	0	2	0	0	0	1	3	2	1	1	1	1	3-6
Yin-ch'uan.....	0700	2	2	2	2	0	0	0	1	0	1	2	0	1	4-6
Yü-men.....	0600	3	1	1	4	2	1	2	1	1	1	0	1	2	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	9	3	4	1	2	0	0	0	1	1	2	7	3	4-6
Ko-tse.....	1100	9	6	2	2	2	1	0	0	0	1	4	11	3	4-6
Lin-yü.....	1100	2	4	2	1	0	0	0	0	0	0	1	0	1	4-6
Lo-yang.....	1100	7	3	2	0	1	1	0	1	0	1	2	3	2	4-6
Peiping.....	1100	18	9	11	3	1	2	3	4	3	9	9	20	8	4-6
Shih-men.....	1100	5	2	3	1	2	2	3	3	2	4	9	11	4	4-6
Shih-tao.....	1100	0	1	4	3	7	14	11	2	1	0	0	1	4	4-6
Süchow.....	1100	7	5	3	0	2	0	2	0	1	1	3	8	3	4-6
Tientsin.....	1100	14	8	2	3	1	1	0	3	3	4	9	18	5	4-6
Tsinan.....	1100	13	5	3	0	0	1	3	1	1	2	6	13	4	4-6
Tsingtao.....	1100	8	6	8	4	7	10	8	2	1	1	1	5	5	4-6
Central Highlands:															
An-k'ang.....	1300	1	1	2	0	0	0	0	0	1	1	1	1	1	4-6
Ch'ang-chih.....	1100	7	2	4	1	1	0	2	0	1	1	4	5	2	4-6
Dolon Nor.....	1100	5	2	4	1	0	0	0	0	1	1	2	2	2	4-6
Fu-shih.....	1300	1	3	1	2	1	1	0	0	0	0	1	0	1	4-6
Hsi-feng-chen.....	1300	2	3	2	2	1	1	0	1	1	1	4	4	2	4-6
Kuei-sui.....	1300	2	3	2	2	1	0	0	1	0	0	1	1	1	4-6
Lan-chou.....	1300	40	13	7	5	5	2	1	1	1	0	8	44	11	4-6
Sian.....	1300	12	9	2	5	1	1	0	0	1	3	3	13	4	4-6
T'ai-yüan.....	1100	16	4	1	3	2	1	2	1	3	2	8	12	5	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	1	1	4	4	1	0	0	0	0	0	1	1	1	4-6
Wu-tu.....	1300	0	1	1	2	0	0	0	0	1	0	0	1	1	4-6
Yen Ch'ih.....	1300	8	11	10	14	5	1	0	0	1	2	3	6	5	4-6
Yü-lin.....	1300	4	3	4	7	1	1	0	1	0	1	0	2	2	4-6

See footnotes at end of table.

FIGURE 30. FREQUENCY OF VISIBILITY <2½ MILES (Continued)

REGION AND STATION	HOURLY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1300	4	4	8	8	4	1	1	0	1	0	2	4	3	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	2	1	4	4	1	0	0	0	0	2	1	1	1	4-6
Hsing-hsing-hsia**	1200	2	5	3	1	1	1	0	0	0	0	0	2	1	4-6
Hsi-su-ni-t'e-wang-fu	1100	1	3	2	1	2	1	0	0	1	1	2	2	1	4-6
O-chi-na-ch'i	1300	7	8	0	8	na	0	0	0	0	0	0	0	na	1
P'ang-pei	1300	2	3	2	1	2	0	0	0	1	1	1	1	1	4-6
Pan-ting-t'o-lo-kai	1300	0	0	0	5	na	na	na	na	na	na	0	0	na	1
Shan-pa	1300	1	2	1	1	1	0	1	0	0	0	1	1	1	4-6
Shan-tan	1300	2	2	3	3	2	2	1	1	1	1	0	0	2	4-6
Ting-hsin	1300	10	5	3	4	2	3	1	0	0	2	4	5	3	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	1	0	1	1	1	0	0	0	0	1	0	0	*	4-6
Tun-huang	1200	1	3	4	3	2	0	2	0	0	0	1	1	1	4-6
Wen-ch'uan**	1100	0	0	1	1	1	0	0	0	0	1	1	0	*	4-6
Yin-ch'uan	1300	1	4	2	1	1	1	0	0	0	1	1	1	1	4-6
Yü-men	1200	5	4	6	6	2	1	4	1	0	0	3	2	3	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	6	4	3	1	0	1	0	0	1	0	4	3	2	4-6
Ko-tse	1400	9	4	2	2	1	0	1	0	0	1	4	6	3	4-6
Lin-yü	1400	0	1	1	1	0	1	0	0	0	0	1	1	1	4-6
Lo-yang	1400	4	2	1	2	1	1	0	0	1	1	1	2	1	4-6
Peiping	1400	7	5	3	1	1	0	1	1	1	2	5	7	3	4-6
Shih-men	1400	3	3	1	1	1	1	2	2	1	1	3	6	2	4-6
Shih-tao	1400	0	3	5	4	6	5	11	1	0	0	1	0	3	4-6
Süchow	1400	5	3	0	1	2	2	1	1	1	1	1	4	2	4-6
Tientsin	1400	8	2	3	2	1	0	2	0	1	0	6	6	3	4-6
Tsinan	1400	8	4	2	1	0	0	0	0	1	1	1	4	2	4-6
Tsingtao	1400	5	1	5	5	5	5	8	1	1	0	1	4	3	4-6
Central Highlands:															
An-k'ang	1600	0	0	0	1	0	0	0	0	0	1	0	0	*	4-6
Ch'ang-chih	1400	4	2	2	2	0	0	1	0	0	0	0	0	1	4-6
Dolon Nor	1400	7	3	3	3	1	0	0	0	0	0	2	3	2	4-6
Fu-shih	1600	1	3	0	3	1	0	1	0	0	0	1	1	1	4-6
Hsi-feng-chen	1600	2	1	0	1	1	0	0	0	1	1	4	2	1	4-6
Kuei-sui	1600	1	1	1	3	1	0	1	0	1	0	0	0	1	4-6
Lan-chou	1600	20	5	5	3	2	4	1	1	0	1	5	24	6	4-6
Sian	1600	9	6	3	4	0	2	0	0	1	3	2	13	4	4-6
T'ai-yüan	1400	4	1	1	3	1	0	0	1	1	0	2	4	2	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u)	1600	1	2	4	5	0	1	0	0	1	0	1	1	1	4-6
Wu-tu	1600	0	2	1	3	0	0	0	0	0	0	0	0	1	4-6
Yen Ch'ih	1600	7	10	8	11	2	1	0	1	1	0	2	4	4	4-6
Yü-lin	1600	2	5	3	5	4	2	2	0	0	0	1	1	2	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	1	4	4	11	3	3	1	0	1	1	1	1	3	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	2	1	1	2	1	0	0	1	1	1	2	1	1	4-6
Hsing-hsing-hsia**	1500	3	2	1	2	1	0	0	0	1	0	1	4	1	4-5
Hsi-su-ni-t'e-wang-fu	1400	2	2	4	1	1	0	1	1	0	0	0	1	1	4-6
O-chi-na-ch'i	1600	0	7	0	7	na	na	0	0	0	4	0	0	na	1
P'ang-pei	1600	1	1	4	1	2	0	0	0	0	1	1	0	1	4-6
Pan-ting-t'o-lo-kai	1600	0	0	0	0	na	na	na	0	0	0	0	0	na	1
Shan-pa	1600	1	1	1	2	1	1	0	1	0	0	0	1	1	4-6
Shan-tan	1600	1	2	4	4	2	1	1	0	2	1	0	0	2	3-5
Ting-hsin	1600	10	8	3	5	1	2	1	0	0	2	2	6	3	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	0	1	1	2	2	1	0	0	0	1	1	1	1	4-6
Tun-huang	1500	1	1	6	3	1	0	0	0	0	0	0	0	1	4-6
Wen-ch'uan**	1400	0	0	1	1	1	0	0	0	1	1	0	0	*	4-6
Yin-ch'uan	1600	1	3	2	1	0	1	0	1	0	0	1	1	1	4-6
Yü-men	1500	4	3	4	5	5	2	2	1	0	0	1	1	2	4-6

See footnotes at end of table.

FIGURE 30. FREQUENCY OF VISIBILITY <2½ MILES (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	7	4	2	1	0	0	0	1	0	0	3	5	2	4-6
Ko-tse.....	1700	5	4	2	2	0	0	0	0	1	1	2	6	2	4-6
Lin-yü.....	1700	1	4	3	1	0	1	2	1	0	0	1	0	1	4-6
Lo-yang.....	1700	2	1	1	1	0	0	2	1	1	1	3	1	1	4-6
Peiping.....	1700	11	6	3	1	0	0	1	1	1	2	6	13	4	4-6
Shih-men.....	1700	2	2	0	1	1	1	0	0	1	1	3	4	1	4-6
Shih-tao.....	1700	1	3	6	6	7	13	12	2	0	0	0	1	4	4-6
Süchow.....	1700	1	0	2	1	1	1	1	0	0	1	0	4	1	4-6
Tientsin.....	1700	6	1	1	1	1	2	2	0	1	0	6	7	2	4-6
Tsinan.....	1700	6	1	1	0	0	1	1	0	1	1	1	6	2	4-6
Tsingtao.....	1700	6	3	9	9	3	10	9	1	1	1	2	3	5	4-6
Central Highlands:															
An-k'ang.....	1900	0	1	0	0	0	0	0	0	0	0	0	0	*	4-6
Ch'ang-chih.....	1700	1	2	1	0	1	1	2	1	0	0	2	0	1	4-6
Dolon Nor.....	1700	3	5	2	3	2	0	1	0	0	0	1	3	2	4-6
Fu-shih.....	1900	1	5	1	4	2	1	1	0	0	1	3	2	2	4-6
Hsi-feng-chen.....	1900	2	3	2	2	0	1	0	0	1	1	2	1	1	4-6
Kuei-sui.....	1900	5	1	1	5	0	0	1	1	1	0	1	3	2	4-6
Lan-chou.....	1900	29	3	9	7	4	2	1	1	1	1	8	35	8	4-6
Sian.....	1900	11	7	6	5	0	0	1	1	1	5	5	13	5	4-6
T'ai-yüan.....	1700	3	0	3	3	0	2	0	1	1	2	2	2	2	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	1	2	1	5	1	1	1	0	0	0	1	1	1	4-6
Wu-tu.....	1900	0	1	0	4	0	0	0	1	1	0	1	0	1	4-6
Yen Ch'ih.....	1900	1	5	4	4	1	1	2	0	0	1	1	1	2	4-6
Yü-lin.....	1900	2	3	2	5	3	1	0	1	1	1	1	3	2	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	1	2	1	8	6	3	5	0	1	0	0	1	2	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1700	1	1	0	3	1	0	0	1	1	0	1	1	1	4-6
Hsing-hsing-hsia**.....	1800	2	1	1	2	0	0	0	0	0	0	0	2	1	4-6
Hsi su-ni-t'e-wang-fu.....	1700	1	1	2	1	0	0	0	1	0	1	0	2	1	4-6
O-chi-na-ch'i.....	1900	0	4	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	1	1	2	2	1	0	0	0	0	2	1	1	1	4-6
Pan-ting-t'o-lo-kai.....	1900	1	0	0	0	0	0	0	0	0	0	3	0	*	1-3
Shan-pa.....	1900	0	1	0	2	1	0	0	0	0	0	0	1	*	4-6
Shan-tan.....	1900	2	1	2	8	2	1	1	1	1	0	1	0	2	4-6
Ting-hsin.....	1900	8	3	3	7	2	5	1	0	1	2	1	2	3	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1900	0	1	0	0	1	1	1	0	0	1	0	0	*	4-6
Tun-huang.....	1800	1	1	5	2	3	1	0	0	0	0	0	0	1	4-6
Wen-ch'üan**.....	1700	1	0	1	2	1	1	0	0	1	1	1	0	1	4-6
Yin-ch'uan.....	1900	1	2	1	2	0	0	0	0	0	0	1	1	1	4-6
Yü-men.....	1800	2	1	5	3	4	1	1	0	1	1	1	0	2	4-6

na Data not available.

* <0.5%.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 31. PERCENTAGE FREQUENCY OF VISIBILITY <6 MILES AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	12	10	7	8	7	4	2	1	2	5	16	21	8	4-6
Ko-tse.....	2300	11	8	6	5	2	5	3	2	5	6	12	17	7	4-6
Lin-yü.....	2300	0	0	5	1	2	2	1	2	1	0	2	0	2	3-5
Lo-yang.....	2300	24	9	11	12	9	9	3	5	9	10	21	21	12	4-6
Peiping.....	2300	51	50	44	30	19	18	34	31	28	51	55	61	39	4-6
Shih-men.....	2300	14	9	9	6	4	3	5	8	3	10	13	24	9	4-6
Shih-tao.....	2300	4	6	12	11	10	24	35	12	1	2	4	1	10	3-5
Süchow.....	2300	16	8	11	11	6	5	2	4	7	10	22	26	11	3-5
Tientsin.....	2300	25	23	16	9	7	14	18	21	12	14	27	38	18	4-6
Tsinan.....	2300	43	34	24	12	12	13	28	24	27	30	29	41	26	4-6
Tsingtao.....	2300	6	7	14	13	9	21	25	2	6	3	5	7	9	4-6
Central Highlands:															
An-k'ang.....	0100	2	3	2	4	2	4	0	0	3	2	6	5	3	4-6
Ch'ang-chih.....	2300	10	8	13	11	4	13	3	5	3	5	13	17	9	3-5
Dolon Nor.....	2300	4	6	2	3	1	1	3	2	0	0	2	4	2	4-6
Fu-shih.....	0100	33	34	25	19	16	13	12	15	10	21	22	30	21	4-6
Hsi-feng-chen.....	0100	7	7	7	8	4	1	2	8	8	4	6	4	6	4-6
Kuei-sui.....	0100	21	18	11	12	2	3	2	4	1	2	5	11	8	4-6
Lan-chou.....	0100	63	49	30	18	18	10	7	12	7	16	42	78	29	4-6
Sian.....	0100	54	43	44	38	35	27	23	34	46	56	64	56	43	4-6
T'ai-yüan.....	2300	33	25	15	15	9	11	14	13	11	14	27	35	19	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	2	2	6	4	5	1	0	1	0	1	1	3	2	4-6
Wu-tu.....	0100	1	2	1	6	1	0	0	2	1	1	0	1	1	4-6
Yen Ch'ih.....	0100	9	6	13	11	12	6	1	3	3	1	1	6	6	4-6
Yü-lin.....	0100	4	4	12	11	4	2	1	1	3	5	2	5	5	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	4	4	6	7	2	2	0	2	1	1	1	1	3	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	4	2	2	3	1	0	4	2	2	0	2	2	2	4-6
Hsing-hsing-hsia*.....	0000	7	4	7	3	2	0	0	0	1	2	0	4	3	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	1	0	1	0	0	0	0	0	0	0	1	3	1	2-4
O-chi-na-ch'i.....	0100	0	4	4	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	0100	4	5	3	1	3	1	1	2	1	0	2	4	2	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	na	na	na	na	0	3	na	1
Shan-pa.....	0100	4	1	4	15	4	5	4	0	2	2	2	5	4	4-6
Shan-tan.....	0100	7	6	18	16	6	2	3	2	3	2	2	2	6	4-6
Ting-hsin.....	0100	6	4	3	9	9	4	3	4	2	1	1	0	4	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lich-miao).....	2300	3	1	1	3	1	0	3	1	2	2	1	0	2	4-6
Tun-huang.....	0000	12	9	18	20	15	6	5	2	4	3	3	4	7	4-6
Wen-ch'üan*.....	2300	11	4	8	6	4	2	4	5	6	2	4	10	6	3-5
Yin-ch'uan.....	0100	4	1	6	3	1	1	1	2	1	0	3	4	2	4-6
Yü-men.....	0000	5	2	9	9	5	3	0	1	1	0	1	1	3	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	20	16	15	16	9	10	5	8	12	6	22	20	13	4-6
Ko-tse.....	0500	21	10	10	7	10	7	5	6	3	9	11	19	10	4-6
Lin-yü.....	0500	3	3	6	1	1	2	9	1	1	1	1	1	3	4-6
Lo-yang.....	0500	30	12	17	14	8	11	7	15	14	25	30	26	17	4-6
Peiping.....	0500	53	50	46	33	26	36	54	45	40	53	44	51	44	4-6
Shih-men.....	0500	23	9	10	6	5	4	16	20	10	16	18	26	14	4-6
Shih-tao.....	0500	8	6	14	15	12	34	42	16	6	4	1	8	14	4-6
Süchow.....	0500	19	21	17	20	26	24	24	21	22	13	25	35	22	4-6
Tientsin.....	0500	33	39	20	14	26	52	50	40	16	31	32	49	34	4-6
Tsinan.....	0500	30	26	25	14	20	29	35	38	34	29	33	35	29	4-6
Tsingtao.....	0500	19	13	16	16	19	36	38	19	10	10	10	8	18	4-6

See footnotes at end of table.

FIGURE 31. FREQUENCY OF VISIBILITY <6 MILES (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	10	4	9	9	9	10	4	5	9	17	24	18	11	4-6
Ch'ang-chih.....	0500	21	18	19	19	6	15	16	29	11	8	18	26	17	4-6
Dolon Nor.....	0500	7	3	4	4	1	3	6	6	1	2	4	4	4	4-6
Fu-shih.....	0700	44	37	51	53	48	52	48	59	55	54	47	60	51	4-6
Hsi-feng-chen.....	0700	8	13	16	11	8	8	9	18	14	16	17	19	13	4-6
Kuei-sui.....	0700	52	45	39	29	15	11	11	10	7	13	34	55	27	4-6
Lan-chou.....	0700	66	65	40	41	26	30	21	28	21	37	60	73	42	4-6
Sian.....	0700	69	76	79	72	64	59	59	64	73	75	83	81	71	4-6
T'ai-yüan.....	0500	42	33	34	25	14	29	35	31	39	45	40	44	34	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	4	3	2	4	4	1	2	1	0	0	4	2	2	4-6
Wu-tu.....	0700	2	5	3	6	2	1	2	5	1	2	1	0	3	4-6
Yen Ch'ih.....	0700	11	11	15	19	15	9	6	6	7	1	2	8	9	4-6
Yü-lin.....	0700	7	9	7	15	7	2	3	6	5	16	9	7	8	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	3	8	9	14	12	2	3	1	2	2	4	2	5	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	3	3	4	3	1	2	4	2	2	1	5	1	3	4-6
Hsing-hsing-hsia*.....	0600	8	7	7	7	2	0	0	0	1	1	2	5	3	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	1	2	4	1	1	1	0	1	1	0	1	1	1	4-5
O-chi-na-ch'i.....	0700	0	0	4	4	na	0	4	0	0	0	0	0	na	1
P'ang-pei.....	0700	3	6	5	5	1	5	4	3	1	4	3	5	4	4-6
Pan-ting-t'o-lo-kai.....	0700	0	0	3	12	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	5	6	6	12	9	2	1	3	2	1	4	6	5	4-6
Shan-tan.....	0700	5	6	15	15	13	5	3	4	2	2	3	2	6	4-6
Ting-hsin.....	0700	3	3	6	6	10	6	3	1	2	1	1	2	4	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	1	1	2	5	3	2	7	3	1	1	1	1	2	4-6
Tun-huang.....	0600	8	9	15	14	14	5	4	5	3	3	3	4	7	4-6
Wen-ch'üan*.....	0500	17	13	12	4	2	2	5	4	7	3	14	24	9	3-6
Yin-ch'uan.....	0700	6	6	7	8	8	3	2	3	2	3	3	4	5	4-6
Yü-men.....	0600	6	2	4	9	2	2	2	1	1	1	0	1	3	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	23	11	13	8	6	4	3	2	3	4	16	20	9	4-6
Ko-tse.....	1100	30	20	15	8	5	7	5	3	2	5	19	31	13	4-6
Lin-yü.....	1100	6	9	5	2	1	1	2	1	1	1	2	4	3	4-6
Lo-yang.....	1100	47	39	31	16	9	17	8	7	10	22	43	53	25	4-6
Peiping.....	1100	51	50	49	31	33	30	36	26	28	45	49	55	40	4-6
Shih-men.....	1100	28	26	20	11	10	10	9	11	10	24	34	38	19	4-6
Shih-tao.....	1100	5	5	7	7	10	24	26	5	2	0	1	5	8	4-6
Süchow.....	1100	17	19	17	8	8	6	8	5	2	4	17	26	12	4-6
Tientsin.....	1100	58	55	38	26	21	21	20	24	19	35	54	69	37	4-6
Tsinan.....	1100	38	31	14	12	6	10	10	8	6	9	24	38	17	4-6
Tsingtao.....	1100	24	18	18	13	16	22	22	10	2	6	9	23	15	4-6
Central Highlands:															
An-k'ang.....	1300	2	3	4	3	3	5	1	1	3	2	3	1	3	4-6
Ch'ang-chih.....	1100	35	28	30	16	7	7	5	8	9	16	29	42	19	4-6
Dolon Nor.....	1100	11	4	5	6	1	0	1	0	1	1	5	6	3	4-6
Fu-shih.....	1300	9	9	8	11	8	6	2	0	2	5	4	3	6	4-6
Hsi-feng-chen.....	1300	8	8	10	11	6	2	3	2	3	2	7	9	6	4-6
Kuei-sui.....	1300	26	24	13	17	8	5	2	2	4	3	16	24	11	4-6
Lan-chou.....	1300	68	46	28	15	15	8	8	3	6	13	39	85	28	4-6
Sian.....	1300	53	47	48	36	17	19	20	22	25	40	54	63	37	4-6
T'ai-yüan.....	1100	69	63	56	43	37	33	39	40	38	58	63	70	51	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	6	2	7	9	5	1	0	1	1	1	2	2	3	4-6
Wu-tu.....	1300	2	2	3	8	2	2	0	1	2	2	0	1	2	4-6
Yen Ch'ih.....	1300	22	18	26	28	12	7	5	4	4	4	7	16	13	4-6
Yü-lin.....	1300	13	9	15	20	13	10	2	3	4	4	4	5	9	4-6

See footnotes at end of table.

FIGURE 31. FREQUENCY OF VISIBILITY <6 MILES (Continued)

REGION AND STATION	HOURLY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai.....	1300	8	14	20	19	14	7	6	1	2	3	5	8	10	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1100	5	4	6	8	4	1	2	0	2	2	4	3	3	4-6
Hsing-hsing-hsia*.....	1200	8	6	5	4	3	1	0	0	1	0	0	5	3	4-6
Hsi-su-ni-t'e-wang-fu..	1100	2	4	5	4	2	1	0	0	1	1	2	3	2	4-6
O-chi-na-ch'i.....	1300	26	19	7	27	na	7	0	4	0	0	10	0	na	1
P'ang-pei.....	1300	5	7	6	9	4	2	4	2	2	4	3	4	4	4-6
Pan-ting-t'o-lo-kai.....	1300	0	4	0	16	na	na	na	na	na	na	4	0	na	1
Shan-pa.....	1300	9	10	11	21	15	6	5	1	1	3	6	8	8	4-6
Shan-tan.....	1300	7	7	13	13	8	6	4	3	4	4	1	2	6	4-6
Ting-hsin.....	1300	17	11	7	13	10	5	3	2	0	6	7	13	8	4-6
Tung-wu-chu-mu-ch'in-chi (La-ma-k'u-lieh-miao).....	1100	4	1	2	5	3	0	1	1	0	1	0	3	2	4-6
Tun-huang.....	1200	11	11	27	27	21	8	4	3	6	5	4	7	11	4-6
Wen-ch'uan*.....	1100	6	3	2	4	3	1	2	1	1	3	6	6	3	4-6
Yin-ch'uan.....	1300	4	8	9	8	6	6	1	1	1	1	1	4	4	4-6
Yü-men.....	1200	9	10	16	21	11	3	4	2	3	1	7	7	8	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	16	8	11	5	2	4	0	1	2	4	10	12	6	4-6
Ko-tse.....	1400	25	11	12	9	6	4	4	1	2	5	9	18	9	4-6
Lin-yü.....	1400	4	3	5	2	1	1	1	0	1	2	3	2	2	4-6
Lo-yang.....	1400	28	15	25	18	8	7	4	2	4	5	16	23	13	4-6
Peiping.....	1400	31	34	30	18	11	13	16	10	16	33	35	42	24	4-6
Shih-men.....	1400	21	19	15	9	6	6	5	8	6	13	18	33	13	4-6
Shih-tao.....	1400	3	7	9	7	8	14	23	7	1	1	1	1	7	4-6
Süchow.....	1400	17	10	7	7	6	5	1	2	2	2	4	11	6	4-6
Tientsin.....	1400	34	31	20	17	9	12	12	11	9	16	27	43	20	4-6
Tsinan.....	1400	24	9	11	11	6	4	1	5	4	4	9	16	9	4-6
Tsingtao.....	1400	16	8	14	9	10	13	20	5	2	2	3	9	9	4-6
Central Highlands:															
An-k'ang.....	1600	1	3	2	5	2	5	0	2	3	2	0	1	2	4-6
Ch'ang-chih.....	1400	17	17	12	13	6	4	2	5	1	6	11	19	9	4-6
Dolon Nor.....	1400	11	6	6	8	3	0	0	2	0	2	4	7	4	4-6
Fu-shih.....	1600	6	10	11	13	11	8	2	1	2	6	3	2	6	4-6
Hsi-feng-chen.....	1600	7	3	4	8	2	2	0	2	2	4	6	9	4	4-6
Kuei-sui.....	1600	32	20	12	16	6	3	3	2	3	2	10	27	11	4-6
Lan-chou.....	1600	56	23	16	15	8	7	6	4	2	1	19	70	19	4-6
Sian.....	1600	47	40	38	36	13	21	23	19	19	33	50	61	33	4-6
T'ai-yüan.....	1400	56	35	26	22	11	13	7	11	9	14	33	50	22	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u).....	1600	5	6	6	12	5	2	0	1	2	0	4	2	4	4-6
Wu-tu.....	1600	2	4	3	9	1	2	1	3	2	1	1	0	2	4-6
Yen Ch'ih.....	1600	20	17	20	21	9	6	3	1	5	1	4	8	10	4-6
Yü-lin.....	1600	13	14	18	22	12	8	3	4	6	5	8	9	10	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	9	11	16	20	11	6	6	2	3	5	8	6	9	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1400	7	4	4	9	2	0	3	1	1	4	2	2	3	4-6
Hsing-hsing-hsia*.....	1500	7	3	5	4	2	2	0	0	2	2	1	5	3	4-4
Hsi-su-ni-t'e-wang-fu..	1400	4	4	5	2	1	0	1	1	0	1	1	3	2	4-6
O-chi-na-ch'i.....	1600	10	11	7	18	na	na	0	0	0	4	4	0	na	1
P'ang-pei.....	1600	4	5	6	14	5	0	3	1	1	2	2	4	4	4-6
Pan-ting-t'o-lo-kai.....	1600	0	4	0	8	na	na	na	4	0	7	3	0	na	1
Shan-pa.....	1600	8	7	12	22	18	12	1	2	4	4	4	7	8	4-6
Shan-tan.....	1600	10	5	16	14	8	4	4	5	4	4	1	3	7	3-5
Ting-hsin.....	1600	17	13	8	15	12	3	3	2	2	4	5	12	8	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	1400	3	3	4	6	5	1	1	1	0	1	1	2	2	4-6
Tun-huang.....	1500	12	11	27	26	24	7	7	4	3	4	4	4	11	4-6
Wen-ch'uan*.....	1400	7	4	2	6	2	0	3	1	2	2	7	6	4	4-6
Yin-ch'uan.....	1600	6	8	8	11	4	6	2	2	1	0	2	5	5	4-6
Yü-men.....	1500	13	10	16	23	11	5	5	3	2	1	3	6	8	4-6

See footnotes at end of table.

FIGURE 31. FREQUENCY OF VISIBILITY <6 MILES (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:															
Hsin-yang.....	1700	14	8	10	10	4	2	0	2	3	2	10	10	6	4-6
Ko-tse.....	1700	22	12	10	9	4	2	4	1	4	3	7	14	8	4-6
Lin-yü.....	1700	3	6	5	2	1	2	2	1	1	1	4	4	3	4-6
Lo-yang.....	1700	19	14	17	18	10	7	4	1	4	9	17	17	11	4-6
Peiping.....	1700	36	29	24	20	9	8	7	8	9	27	40	53	23	4-6
Shih-men.....	1700	18	10	11	8	3	6	4	3	1	10	13	25	9	4-6
Shih-tao.....	1700	6	5	11	12	11	20	22	5	1	1	2	4	8	4-6
Süchow.....	1700	11	4	8	5	3	3	4	0	3	2	7	13	5	4-6
Tientsin.....	1700	40	29	15	16	7	12	10	11	6	15	34	55	21	4-6
Tainan.....	1700	21	9	8	8	5	5	4	4	4	5	12	25	9	4-6
Tsingtao.....	1700	16	11	17	15	9	10	19	2	3	2	4	11	10	4-6
Central Highlands:															
An-k'ang.....	1900	1	3	2	5	1	3	0	0	2	1	1	1	2	4-6
Ch'ang-chih.....	1700	13	7	13	16	4	4	5	4	1	4	5	12	7	4-6
Dolon Nor.....	1700	6	7	5	7	4	0	1	2	1	1	4	7	4	4-6
Fu-shih.....	1900	39	39	19	15	11	7	1	3	4	11	22	31	17	4-6
Hsi-feng-chen.....	1900	7	4	5	7	3	2	2	1	4	7	10	4	5	4-6
Keui-sui.....	1900	46	34	20	31	8	5	6	7	7	8	24	44	20	4-6
Lan-chou.....	1900	60	29	23	19	16	7	5	6	5	6	32	74	24	4-6
Sian.....	1900	60	48	54	46	19	22	16	20	31	54	60	67	41	4-6
T'ai-yüan.....	1700	40	23	22	19	14	8	6	7	6	10	24	40	18	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	3	3	2	10	5	4	1	1	0	1	2	3	3	4-6
Wu-tu.....	1900	3	4	3	9	0	2	1	2	2	0	2	1	2	4-6
Yen Ch'ih.....	1900	10	10	15	16	9	4	4	1	3	3	2	5	7	4-6
Yü-lin.....	1900	9	11	12	16	10	5	4	4	4	4	4	10	8	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	2	4	7	18	14	7	10	3	4	2	1	2	6	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1700	2	3	1	6	2	1	1	3	2	1	3	3	2	4-6
Hsing-hsing-hsia*.....	1800	4	3	4	3	1	0	0	0	0	1	0	4	2	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	3	3	3	4	2	0	1	1	0	1	0	2	2	4-6
O-chi-na-ch'i.....	1900	0	8	4	8	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	2	3	4	9	2	1	3	1	1	2	2	4	3	4-6
Pan-ting-t'o-lo-kai.....	1900	6	2	1	4	0	0	0	0	0	2	3	0	2	1-3
Shan-pa.....	1900	9	4	11	21	13	8	4	2	2	3	2	6	7	4-6
Shan-tan.....	1900	9	7	15	18	9	4	4	6	1	3	4	4	7	4-6
Ting-hsin.....	1900	15	15	7	16	14	10	3	3	2	3	5	6	8	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	2	3	1	1	2	2	3	0	0	1	1	0	1	4-6
Tun-huang.....	1800	9	11	25	22	17	5	5	3	4	3	3	8	10	4-6
Wen-ch'üan*.....	1700	9	4	2	5	1	1	4	2	1	1	10	7	4	4-6
Yin-ch'uan.....	1900	13	6	9	10	4	2	2	1	1	1	3	8	5	4-6
Yü-men.....	1800	6	8	12	16	11	7	1	1	2	1	1	1	6	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 32. MEAN NUMBER OF DAYS WITH DUSTSTORMS AND/OR SANDSTORMS AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	*	1	1	1	*	0	0	0	0	0	0	0	3	4-6
Ko-tse.....	2300	*	1	*	*	0	*	0	0	0	0	0	0	2	4-6
Lin-yü.....	2300	0	0	0	*	*	0	0	*	0	0	0	0	1	3-5
Lo-yang.....	2300	*	*	1	2	1	2	0	*	*	*	*	1	7	4-6
Peiping.....	2300	1	*	*	2	*	*	0	0	0	*	*	*	4	4-6
Shih-men.....	2300	*	1	2	1	1	*	*	0	0	0	0	*	5	4-6
Shih-tao.....	2300	0	0	0	*	0	*	0	0	0	0	0	0	1	3-5
Süchow.....	2300	1	1	*	1	0	0	0	0	0	0	0	*	3	3-5
Tientsin.....	2300	*	*	1	1	1	*	0	0	0	*	0	0	4	4-6
Tsinan.....	2300	*	*	1	0	0	0	0	0	0	0	0	0	1	4-6
Tsingtao.....	2300	0	*	0	1	0	0	*	0	0	0	0	0	1	4-6
Central Highlands:															
An-k'ang.....	0100	0	1	*	1	*	*	0	0	0	0	0	0	3	4-6
Ch'ang-chih.....	2300	*	1	2	2	1	2	0	*	0	0	0	*	8	3-5
Dolon Nor.....	2300	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Fu-shih.....	0100	1	2	3	3	2	1	0	*	0	0	*	1	13	4-6
Hsi-feng-chen.....	0100	1	*	1	1	0	0	0	0	*	0	0	*	3	4-6
Kuei-sui.....	0100	1	*	1	1	*	*	0	0	0	0	0	*	3	4-6
Lan-chou.....	0100	1	1	4	3	3	2	2	0	*	0	1	1	19	4-6
Sian.....	0100	*	1	2	3	1	*	0	*	0	*	*	1	9	4-6
T'ai-yüan.....	2300	2	2	2	3	1	1	*	0	*	*	1	*	12	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	*	*	0	1	1	*	0	0	0	0	0	*	3	4-6
Wu-tu.....	0100	*	1	1	2	*	0	0	0	*	*	0	0	4	4-6
Yen Ch'ih.....	0100	2	2	4	3	3	1	0	0	*	0	*	1	16	4-6
Yü-lin.....	0100	*	1	2	3	1	*	0	0	*	*	*	0	8	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	1	*	1	2	*	0	0	0	*	*	0	*	5	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	0	0	0	1	*	0	0	*	*	0	0	0	1	4-6
Hsing-hsing-hsia**.....	0000	*	*	1	*	*	0	0	0	0	*	0	0	2	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
O-chi-na-ch'i.....	0100	0	1	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	0100	0	0	*	*	0	0	0	0	0	0	*	0	1	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0100	1	*	1	3	1	1	*	0	*	0	0	1	9	4-6
Shan-tan.....	0100	1	1	4	4	2	*	1	*	*	1	1	*	15	4-6
Ting-hsin.....	0100	2	1	1	2	2	1	1	1	*	*	*	0	12	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lih-miao).....	2300	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Tun-huang.....	0000	3	3	6	6	5	2	1	1	1	1	1	1	29	4-6
Wen-ch'üan**.....	2300	0	0	0	0	0	0	0	0	0	0	0	0	0	3-5
Yin-ch'uan.....	0100	*	*	2	*	*	*	0	0	0	*	*	*	4	4-6
Yü-men.....	0000	*	*	2	2	2	1	0	*	*	0	*	0	8	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	*	1	*	1	0	0	0	0	0	*	0	0	2	4-6
Ko-tse.....	0500	1	1	1	*	*	*	0	0	0	*	0	0	4	4-6
Lin-yü.....	0500	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Lo-yang.....	0500	1	*	*	1	1	1	*	*	0	1	*	1	7	4-6
Peiping.....	0500	1	0	*	*	*	*	0	0	0	0	0	*	2	4-6
Shih-men.....	0500	*	0	1	1	*	0	0	0	0	0	0	0	2	4-6
Shih-tao.....	0500	1	0	0	0	0	0	0	0	0	0	0	0	1	4-6
Süchow.....	0500	1	1	*	1	*	0	0	0	0	0	0	1	3	4-6
Tientsin.....	0500	*	*	*	*	1	0	0	0	0	0	*	*	2	4-6
Tsinan.....	0500	*	*	*	1	*	0	0	0	0	*	0	0	2	4-6
Tsingtao.....	0500	0	*	0	*	0	0	0	0	0	0	0	0	*	4-6

See footnotes at end of table.

FIGURE 32. DAYS WITH DUSTSTORMS AND/OR SANDSTORMS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	0	1	*	1	1	1	0	*	0	0	0	0	3	4-6
Ch'ang-chih.....	0500	*	*	1	2	*	*	*	0	0	*	0	*	4	4-6
Dolon Nor.....	0500	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Fu-shih.....	0700	*	*	3	3	1	1	0	0	0	0	1	*	9	4-6
Hsi-feng-chen.....	0700	*	1	2	2	*	*	*	0	0	0	*	1	6	4-6
Kuei-sui.....	0700	*	0	1	1	*	*	*	0	0	0	0	0	3	4-6
Lan-chou.....	0700	1	1	4	3	3	3	1	1	*	*	*	0	16	4-6
Sian.....	0700	0	2	3	4	1	2	0	0	*	0	*	1	12	4-6
T'ai-yüan.....	0500	1	2	1	2	*	1	0	0	*	*	*	*	7	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	*	*	1	1	1	*	0	0	0	0	0	0	3	4-6
Wu-tu.....	0700	*	1	1	2	*	*	0	*	0	*	0	0	5	4-6
Yen Ch'ih.....	0700	3	3	4	5	4	2	1	*	*	*	*	2	24	4-6
Yü-lin.....	0700	1	1	1	3	1	1	*	*	0	*	1	*	9	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	1	2	3	4	3	1	1	0	*	1	1	1	16	4-6
Hsi-lin-hao-t'o (Pei- tzu-miao).....	0500	0	0	0	1	*	0	0	0	0	0	0	0	1	4-6
Hsing-hsing-hsia**.....	0600	*	0	0	1	1	1	0	0	0	*	0	0	2	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	0	0	0	*	0	0	0	0	*	0	0	0	*	4-6
O-chi-na-ch'i.....	0700	0	0	1	1	na	0	0	0	0	0	0	1	na	1
P'ang-pei.....	0700	0	0	*	1	*	*	0	0	*	0	0	0	2	4-6
Pan-tung-t'o-lo-kai.....	0700	0	0	1	2	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	2	*	1	2	2	*	*	0	*	*	0	1	9	4-6
Shan-tan.....	0700	*	1	3	4	3	1	1	1	1	*	*	0	16	4-6
Ting-hsin.....	0700	1	1	2	2	2	1	1	0	*	*	*	1	10	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Tun-huang.....	0600	2	2	5	5	4	2	1	2	1	1	1	1	26	4-6
Wen-ch'üan**.....	0500	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yin-ch'uan.....	0700	1	1	1	2	2	1	*	0	0	0	0	1	8	4-6
Yü-men.....	0600	0	*	1	2	1	1	1	0	*	0	0	0	5	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	*	*	*	1	*	0	0	0	0	*	0	1	3	4-6
Ko-tse.....	1100	2	1	2	2	1	2	*	0	*	*	0	1	10	4-6
Lin-yü.....	1100	*	0	*	0	1	0	0	0	0	0	*	*	2	4-6
Lo-yang.....	1100	2	2	1	2	2	3	0	0	*	*	1	2	14	4-6
Peiping.....	1100	1	*	1	*	1	0	0	*	0	0	*	*	4	4-6
Shin-men.....	1100	*	1	1	1	1	*	0	0	*	*	0	*	5	4-6
Shih-tao.....	1100	0	*	*	1	0	0	0	0	0	0	0	*	1	4-6
Süchow.....	1100	1	1	1	2	1	*	0	0	0	*	0	*	7	4-6
Tientsin.....	1100	2	1	1	2	1	1	0	0	1	1	1	1	12	4-6
Tsinan.....	1100	*	1	1	2	1	0	0	0	*	0	0	*	5	4-6
Tsingtao.....	1100	*	*	*	1	*	0	0	0	0	*	0	*	2	4-6
Central Highlands:															
An-k'ang.....	1300	0	1	1	1	0	1	0	0	0	*	0	0	4	4-6
Ch'ang-chih.....	1100	*	1	1	3	2	1	0	0	0	0	0	1	10	4-6
Dolon Nor.....	1100	*	0	*	*	*	0	*	0	0	0	0	0	1	4-6
Fu-shih.....	1300	1	2	2	3	1	1	0	0	0	0	*	*	11	4-6
Hsi-feng-chen.....	1300	1	1	2	3	1	0	*	0	*	*	*	1	9	4-6
Kuei-sui.....	1300	1	1	2	2	2	1	*	*	0	0	*	0	8	4-6
Lan-chou.....	1300	1	1	3	3	3	2	1	*	1	*	*	1	15	4-6
Sian.....	1300	1	2	5	5	1	2	0	*	0	*	1	1	17	4-6
T'ai-yüan.....	1100	2	2	2	4	1	1	0	0	*	0	*	1	14	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	1	*	2	2	2	*	0	0	0	*	*	*	7	4-6
Wu-tu.....	1300	1	1	1	2	*	*	0	*	*	*	0	0	5	4-6
Yen Ch'ih.....	1300	6	4	7	7	5	2	1	1	*	1	1	5	39	4-6
Yü-lin.....	1300	3	2	4	6	4	2	*	1	1	1	1	1	26	4-6

See footnotes at end of table.

FIGURE 32. DAYS WITH DUSTSTORMS AND/OR SANDSTORMS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai.....	1300	2	4	6	6	4	3	2	1	1	1	2	2	32	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1100	*	0	1	1	1	*	0	0	*	*	*	0	3	3-6
Hsing-hsing-hsia**.....	1200	1	0	*	1	1	*	0	0	1	*	0	0	4	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	0	*	1	*	1	0	0	0	0	0	0	0	2	4-6
O-chi-na-ch'i.....	1300	2	5	2	9	na	4	1	1	1	0	3	0	na	1
P'ang-pei.....	1300	*	1	2	3	2	1	0	0	*	1	*	*	9	4-6
Pan-ting-t'o-lo-kai.....	1300	0	1	1	5	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	1300	3	3	3	6	4	2	2	0	*	1	2	2	28	4-6
Shan-tan.....	1300	1	2	4	5	2	1	1	*	1	1	*	*	18	4-6
Ting-hsin.....	1300	5	3	2	4	3	1	1	*	*	2	2	4	26	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	1100	*	0	*	1	1	0	0	0	0	0	*	0	2	4-6
Tun-huang.....	1200	3	3	7	8	7	2	1	1	2	2	1	2	38	4-6
Wen-ch'üan**.....	1100	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yin-ch'uan.....	1300	1	2	3	2	2	1	*	*	*	*	*	1	13	4-6
Yü-men.....	1200	2	2	4	6	3	1	1	1	1	*	2	2	22	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	1	1	*	1	0	*	0	0	0	*	0	*	3	4-6
Ko-tse.....	1400	2	2	2	2	2	2	0	0	*	1	0	1	13	4-6
Lin-yü.....	1400	*	1	1	*	1	0	0	0	0	0	0	0	3	4-6
Lo-yang.....	1400	3	1	2	4	2	1	0	*	*	0	*	2	16	4-6
Peiping.....	1400	1	1	1	2	1	0	0	0	0	0	*	1	6	4-6
Shih-men.....	1400	1	1	3	2	1	1	*	0	*	*	0	0	9	4-6
Shih-tao.....	1400	*	*	*	*	0	0	0	0	0	0	0	0	1	4-6
Süchow.....	1400	1	1	1	1	*	0	0	0	0	*	*	1	6	4-6
Tientsin.....	1400	2	2	2	3	1	1	*	0	*	1	1	1	13	4-6
Tsinan.....	1400	1	1	1	2	1	0	0	0	0	*	0	*	7	4-6
Tsingtao.....	1400	*	1	1	1	*	0	0	0	0	0	0	*	3	4-6
Central Highlands:															
An-k'ang.....	1600	0	1	*	1	0	1	0	0	0	0	0	0	3	4-6
Ch'ang-chih.....	1400	1	2	3	4	3	2	0	0	0	*	0	1	18	4-6
Dolon Nor.....	1400	*	0	*	*	1	0	*	0	0	*	*	0	2	4-6
Fu-shih.....	1600	1	2	3	3	2	2	0	0	0	*	*	*	14	4-6
Hsi-feng-chen.....	1600	1	1	2	2	*	0	0	0	*	*	0	2	7	4-6
Kuei-sui.....	1600	1	1	2	4	2	1	0	0	0	0	*	*	11	4-6
Lan-chou.....	1600	2	1	4	3	2	2	1	*	*	0	1	1	16	4-6
Sian.....	1600	2	3	3	4	1	2	0	*	*	*	1	2	17	4-6
T'ai-yüan.....	1400	3	2	3	4	1	1	0	0	*	*	*	1	16	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u).....	1600	1	1	1	3	1	1	*	0	0	0	*	*	9	4-6
Wu-tu.....	1600	1	1	1	2	*	*	0	0	0	0	0	0	5	4-6
Yen Ch'ih.....	1600	4	4	6	6	3	2	1	0	*	0	1	2	28	4-6
Yü-lin.....	1600	3	4	5	6	4	1	1	1	1	1	1	2	29	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	2	3	5	5	4	3	2	1	1	1	2	2	30	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1400	1	*	*	2	1	0	*	*	0	*	1	0	5	4-6
Hsing-hsing-hsia**.....	1500	*	0	1	1	*	1	0	0	1	1	0	0	4	4-6
Hsi-su-ni-t'e-wang-fu.....	1400	0	0	1	1	0	0	*	0	0	0	0	0	2	4-6
O-chi-na-ch'i.....	1600	2	3	2	8	na	na	0	0	1	1	1	1	na	1
P'ang-pei.....	1600	*	*	1	5	1	0	0	0	*	1	0	*	9	4-6
Pan-ting-t'o-lo-kai.....	1600	0	1	1	1	0	0	0	1	0	2	0	0	na	1
Shan-pa.....	1600	2	2	3	5	4	3	0	0	1	1	2	2	24	4-6
Shan-tan.....	1600	1	2	5	4	2	1	1	1	1	1	*	1	19	4-6
Ting-hsin.....	1600	5	3	2	5	3	1	1	0	*	1	2	4	26	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	1400	*	0	*	1	1	*	0	0	0	0	*	0	3	4-6
Tun-huang.....	1500	3	3	8	8	7	2	2	1	1	1	1	1	39	4-6
Wen-ch'üan**.....	1400	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yin-ch'uan.....	1600	2	2	3	3	1	1	1	0	0	0	*	1	13	4-6
Yü-men.....	1500	2	2	4	7	3	1	1	1	*	*	1	2	24	4-6

See footnotes at end of table.

FIGURE 32. DAYS WITH DUSTSTORMS AND/OR SANDSTORMS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	*	1	*	1	0	0	0	*	0	0	0	*	3	4-6
Ko-tse.....	1700	2	2	2	2	1	1	*	0	*	1	0	1	10	4-6
Lin-yü.....	1700	0	0	*	*	*	0	0	0	0	0	0	0	1	4-6
Lo-yang.....	1700	2	2	3	4	2	2	0	0	*	*	1	1	17	4-6
Peiping.....	1700	1	*	1	2	1	0	0	0	*	0	0	*	6	4-6
Shih-men.....	1700	1	*	3	2	1	1	0	0	*	0	0	*	9	4-6
Shih-tao.....	1700	*	0	*	*	0	0	0	0	0	0	0	*	1	4-6
Süchow.....	1700	2	1	1	2	*	*	0	0	0	*	*	1	7	4-6
Tientsin.....	1700	2	*	2	3	1	1	0	0	*	*	0	1	10	4-6
Tsinan.....	1700	1	1	1	2	1	*	0	0	0	0	0	*	5	4-6
Tsingtao.....	1700	1	1	1	1	*	0	0	0	0	0	0	*	4	4-6
Central Highlands:															
An-k'ang.....	1900	0	1	*	1	0	*	0	0	0	0	0	0	3	4-6
Ch'ang-chih.....	1700	1	*	3	3	1	2	0	0	0	0	0	1	12	4-6
Dolon Nor.....	1700	0	0	*	*	1	0	0	0	0	0	*	0	1	4-6
Fu-shih.....	1900	2	2	3	4	3	2	0	*	*	*	*	*	16	4-6
Hsi-feng-chen.....	1900	*	*	1	2	*	0	0	0	*	*	*	1	5	4-6
Kuei-sui.....	1900	*	*	1	4	1	1	0	0	0	*	0	*	8	4-6
Lan-chou.....	1900	1	2	6	5	4	1	1	1	1	*	1	1	23	4-6
Sian.....	1900	2	1	4	4	1	2	0	1	0	*	*	1	16	4-6
T'ai-yüan.....	1700	3	3	3	5	2	1	0	0	*	*	1	1	17	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	*	*	*	3	1	1	0	0	0	0	0	1	6	4-6
Wu-tu.....	1900	*	1	1	2	0	*	0	0	*	*	0	0	5	4-6
Yen Ch'ih.....	1900	2	2	4	4	3	1	1	*	*	0	*	1	18	4-6
Yü-lin.....	1900	2	1	3	5	3	1	1	*	1	1	1	2	20	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	*	1	2	5	4	2	3	1	1	*	*	1	18	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1700	*	0	*	1	1	0	0	0	0	0	0	0	3	4-6
Hsing-hsing-hsia**.....	1800	*	*	1	*	*	*	0	*	0	*	0	*	3	4-6
O-chi-na-ch'i.....	1900	0	2	1	2	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	*	0	1	3	1	*	*	0	0	*	0	0	5	4-6
Pan-ting-t'o-lo-kai.....	1900	0	0	*	1	0	0	0	0	0	1	0	0	2	1-3
Shan-pa.....	1900	1	1	2	4	3	2	1	*	1	1	*	1	17	4-6
Shan-tan.....	1900	1	1	4	4	3	1	1	*	*	1	1	1	18	4-6
Ting-hsin.....	1900	4	4	2	4	4	2	1	1	*	1	1	2	26	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	0	0	*	1	1	1	0	0	0	0	0	0	2	4-6
Tun-huang.....	1800	2	3	8	6	5	2	1	1	1	1	1	2	32	4-6
Wen-ch'üan**.....	1700	0	0	0	*	0	0	0	0	*	0	0	0	*	4-6
Yin-ch'üan.....	1900	1	1	3	3	1	*	1	0	0	*	0	1	9	4-6
Yü-men.....	1800	1	2	3	5	3	2	*	*	0	*	*	*	17	4-6

na Data not available.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 33. MEAN NUMBER OF DAYS WITH FOG (VISIBILITY < 5/8 MILE)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Chefoo.....	1	1	2	2	3	2	3	*	0	0	*	*	15	5
Ch'ing-yüan.....	3	1	0	0	*	0	1	1	1	2	2	3	15	8
Hsing-yang.....	9	6	5	5	5	3	3	2	2	5	7	8	59	3
K'ai-feng.....	1	2	2	2	*	*	0	0	0	0	1	1	9	4
Lin-yü.....	3	2	1	1	2	2	1	*	*	1	1	2	16	12
Lo-yang.....	2	3	*	0	*	1	1	0	2	2	4	3	17	2
Nan-yang.....	10	5	5	1	2	1	1	1	3	1	2	7	39	3
Pang-fou**.....	6	3	4	3	3	*	1	1	3	4	3	2	33	4
Peiping.....	1	3	2	1	*	2	2	2	1	2	2	2	21	13
Po-hsien.....	3	1	0	1	1	0	0	1	1	*	2	2	12	3
Shih men.....	3	3	1	*	1	0	3	4	*	2	3	2	22	3
Süehow.....	7	6	4	6	7	7	6	6	6	7	7	5	74	8
Sui-p'ing.....	5	4	4	2	3	0	2	4	3	1	4	5	37	3
Tang-shan.....	1	2	3	*	1	1	2	4	4	3	4	4	30	3
Te-hsien.....	4	3	2	*	1	1	1	2	1	2	5	3	25	3
Tientsin.....	4	3	2	1	1	1	2	1	1	3	5	5	29	6
Tsinan.....	3	2	2	1	1	1	5	3	3	2	3	2	27	7
Tsingtao.....	2	3	4	5	8	9	11	2	1	1	1	2	48	47
Tzu-yang.....	2	2	1	0	1	1	0	1	1	*	2	3	15	3
Wei-hsien.....	*	1	1	1	1	1	2	3	3	1	2	1	17	5
Central Highlands:														
An-k'ang.....	3	2	2	2	0	*	*	1	1	2	7	6	27	3
Chang-chia-k'ou.....	*	*	*	*	0	0	*	0	0	*	1	*	2	5
Ch'ang-chih.....	4	3	1	0	1	1	2	6	4	2	1	3	28	2
Ch'eng-te.....	1	0	*	0	*	*	*	1	0	0	*	0	3	4
Ching-yüan.....	*	0	*	0	0	0	0	0	*	*	6	0	1	6
Dolon Nor.....	*	*	*	*	1	1	1	3	*	2	*	0	9	3
Kuei-sui.....	0	2	1	*	*	0	*	*	0	0	2	0	6	3
Kui-hsien.....	*	*	*	0	0	0	1	*	1	0	*	*	4	3
Lan-chou.....	0	1	0	*	*	0	0	*	*	2	*	1	4	4
Lu-shih.....	1	0	0	*	*	0	0	0	*	*	*	*	3	3
Min-hsien.....	0	0	0	0	0	0	0	*	0	*	1	*	1	5
Nan-cheng.....	4	2	2	1	1	1	*	*	1	4	6	6	27	10
P'ing-liang.....	1	2	2	3	3	1	1	2	2	2	3	1	22	13
Sia.....	4	4	2	1	3	1	2	3	5	7	10	10	51	4
T'ai-yüan.....	2	1	*	*	*	*	1	2	2	2	3	4	17	13
T'ien-shui.....	1	1	1	2	1	*	*	1	2	1	2	1	13	15
Wei-ch'ang.....	0	0	0	0	0	0	0	0	0	*	0	0	*	5
Wu-ch'iao-ling.....	2	5	2	7	8	4	8	11	7	7	8	2	71	5
Wu-tu.....	0	*	0	*	0	*	*	*	*	0	0	0	1	6
Yü-lin.....	2	1	*	*	1	0	0	*	1	0	1	*	8	3
Yün-ch'eng.....	0	0	1	0	1	0	0	2	1	0	3	0	8	2
Northern Plateau:														
Chiu-ch'üan.....	1	1	1	1	*	1	1	1	1	1	1	1	11	17
Chung-ning.....	1	*	1	*	1	1	1	1	2	2	2	1	13	8
Hsing-hsing-hsia**.....	2	0	0	0	0	0	*	0	*	*	1	4	8	3
Tun-huang.....	1	*	0	*	0	*	0	0	0	0	0	1	4	3
Wu-wei.....	*	*	*	*	1	*	0	*	*	1	*	1	4	11
Yin-ch'uan.....	0	*	*	*	1	*	*	*	1	*	3	*	7	3
Yü-men.....	*	*	0	0	0	0	0	1	0	0	*	1	2	3

* < 0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 34. PERCENTAGE FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS AT SPECIFIED HOURS

REGION AND STATION	HOOR (LST)	COM-BINA-TION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:																
Hsin-yang.....	2300	A	92	95	93	97	96	98	100	99	95	95	86	88	95	4-6
		B	5	2	1	2	1	1	0	0	1	0	4	4	2	4-6
Ko-tse.....	2300	A	97	96	98	98	100	98	100	100	98	99	93	93	98	4-6
		B	3	3	1	0	0	1	0	0	0	1	4	4	1	4-6
Lin-yü.....	2300	A	99	100	96	100	99	99	96	99	100	100	100	100	99	3-5
		B	1	0	3	0	1	0	1	1	0	0	0	0	1	3-5
Lo-yang.....	2300	A	99	100	100	100	100	100	100	100	100	98	99	99	100	4-6
		B	1	0	0	0	0	0	0	0	0	1	0	1	***	4-6
Peiping.....	2300	A	89	92	95	93	100	99	97	99	98	98	93	86	97	4-6
		B	1	0	0	1	0	0	1	1	1	1	2	4	1	4-6
Shih-men.....	2300	A	98	98	98	98	99	99	99	99	99	99	95	94	98	4-6
		B	2	0	1	1	0	1	0	0	1	0	2	4	1	4-6
Shih-tao.....	2300	A	99	98	94	94	95	87	77	95	100	100	99	100	95	3-5
		B	0	2	4	5	4	12	22	3	0	0	0	0	4	3-5
Süchow.....	2300	A	93	99	95	98	96	96	97	97	99	98	91	89	96	3-5
		B	5	1	2	1	1	2	1	1	1	2	6	8	3	3-5
Tientsin.....	2300	A	96	98	97	100	100	98	100	99	100	99	95	91	98	4-6
		B	3	1	1	0	0	0	0	0	0	0	2	5	1	4-6
Tsinan.....	2300	A	91	95	98	100	100	99	99	99	100	98	93	86	97	4-6
		B	3	2	1	0	0	0	0	0	0	0	4	6	1	4-6
Tsingtao.....	2300	A	97	95	89	87	92	75	67	91	96	99	98	94	90	4-6
		B	1	4	9	11	7	22	27	8	3	0	1	4	8	4-6
Central Highlands:																
An-k'ang.....	0100	A	99	99	99	100	100	100	100	100	99	99	98	98	99	4-6
		B	0	1	1	0	0	0	0	0	1	1	1	1	1	4-6
Ch'ang-chih.....	2300	A	96	98	100	100	99	99	99	99	100	99	97	98	99	3-5
		B	1	2	0	0	0	0	0	1	0	1	2	1	1	3-5
Dolon Nor.....	2300	A	97	97	98	98	100	99	99	99	100	100	99	98	99	4-6
		B	1	2	2	2	0	1	1	0	0	0	1	1	1	4-6
Fu-shih.....	0100	A	98	96	99	99	99	99	100	99	99	99	99	99	99	4-6
		B	1	2	0	0	1	0	0	1	1	0	0	0	1	4-6
Hsi-feng-chen.....	0100	A	96	94	98	96	99	99	99	97	95	99	97	97	97	4-6
		B	3	5	1	4	1	1	1	3	3	1	2	2	2	4-6
Kuei-sui.....	0100	A	99	99	98	98	99	100	100	99	100	100	100	100	99	4-6
		B	1	1	1	1	0	0	0	1	0	0	0	0	***	4-6
Lan-chou.....	0100	A	75	90	92	93	97	99	99	100	99	98	95	89	92	4-6
		B	6	1	2	2	0	1	0	0	1	0	1	3	1	4-6
Sian.....	0100	A	83	89	93	94	96	94	96	95	91	83	92	90	91	4-6
		B	6	3	2	2	1	1	0	1	3	6	3	5	3	4-6
T'ai-yüan.....	2300	A	99	99	98	98	99	100	99	100	100	99	97	97	99	4-6
		B	0	1	1	1	1	0	0	0	0	0	0	0	***	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u):																
	0100	A	100	99	96	98	98	100	100	99	100	100	100	100	99	4-6
		B	0	1	3	2	0	0	0	0	0	0	0	0	1	4-6
Wu-tu.....	0100	A	99	99	100	98	100	100	100	99	99	100	100	100	100	4-6
		B	1	0	0	2	0	0	0	1	0	0	0	0	***	4-6
Yen Ch'ih.....	0100	A	97	98	97	96	100	98	100	99	100	99	99	98	98	4-6
		B	1	1	1	3	0	2	0	0	0	0	0	2	1	4-6
Yü-lin.....	0100	A	99	99	98	98	100	99	100	100	100	99	99	97	99	4-6
		B	1	1	2	1	0	0	0	0	0	1	1	2	1	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOUR (LST)	COMBINATION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:																
Chi-lan-t'ai.....	0100	A	99	99	100	99	99	100	100	100	100	100	100	100	100	4-6
		B	1	0	0	0	1	0	0	0	0	0	0	0	***	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	2300	A	99	100	99	99	99	100	99	99	99	100	100	99	99	4-6
		B	0	0	1	1	1	0	0	1	1	0	0	1	1	4-6
Hsing-hsing-hsia.....	0000	A	95	98	97	98	100	100	100	100	99	99	100	97	99	4-6
		B	2	0	1	2	0	0	0	0	1	1	0	1	1	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	A	100	100	99	100	100	100	99	100	100	100	99	99	100	2-4
		B	0	0	1	0	0	0	1	0	0	0	0	0	***	2-4
O-chi-na-ch'i.....	0100	A	100	96	100	100	na	100	100	100	100	100	100	100	na	1
		B	0	0	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-peï.....	0100	A	99	100	98	99	100	100	100	99	100	100	99	99	99	4-6
		B	1	0	1	1	0	0	0	0	0	0	0	1	***	4-6
Pan-ting-t'o-lo-kai.....	0100	A	100	100	100	100	na	na	na	na	na	na	100	97	na	1
		B	0	0	0	0	na	na	na	na	na	na	0	3	na	1
Shan-pa.....	0100	A	100	100	100	99	99	99	99	100	99	99	99	100	99	4-6
		B	0	0	0	1	1	1	1	0	0	0	2	0	1	4-6
Shan-tan.....	0100	A	99	99	95	98	99	99	99	99	100	100	100	100	99	4-6
		B	0	1	1	1	1	1	1	0	0	0	0	0	1	4-6
Ting-hsin.....	0100	A	98	100	100	99	99	99	100	99	99	99	100	100	99	4-6
		B	0	0	0	1	0	0	0	1	0	0	0	0	***	4-6
Tung-wu-chu-mu-ch'in-ch'i (Lama-k'u-lieh-miao).....	2300	A	100	100	100	98	99	100	100	100	100	99	100	100	100	4-6
		B	0	0	0	2	1	0	0	0	0	1	0	0	***	4-6
Tun-huang.....	0000	A	100	100	98	98	98	99	99	100	99	100	100	100	99	4-6
		B	0	0	1	1	0	0	0	0	0	0	0	0	***	4-6
Wen-ch'üan.....	2300	A	99	100	99	99	100	99	99	100	98	100	100	100	99	3-5
		B	0	0	1	1	0	1	1	0	2	0	0	0	1	3-5
Yin-ch'uan.....	0100	A	99	99	99	99	100	100	100	100	100	100	99	99	99	4-6
		B	1	0	1	1	0	0	0	0	0	0	1	0	***	4-6
Yü-men.....	0000	A	98	100	98	98	100	99	100	100	100	100	100	99	99	4-6
		B	1	0	1	1	0	1	0	0	0	0	0	1	***	4-6
Eastern Plain and Hills:																
Hsin-yang.....	0500	A	87	90	88	92	94	95	97	98	93	93	85	87	92	4-6
		B	9	3	3	5	3	2	2	0	4	3	7	5	4	4-6
Ko-tse.....	0500	A	89	96	95	100	100	99	99	98	99	98	92	91	96	4-6
		B	5	4	3	0	0	1	1	1	1	1	7	7	3	4-6
Lin-yü.....	0500	A	99	99	98	99	99	97	97	99	100	100	99	100	99	4-6
		B	1	1	2	0	1	1	2	0	0	0	0	0	1	4-6
Lo-yang.....	0500	A	96	100	99	99	99	100	100	98	99	97	96	96	98	4-6
		B	1	0	1	0	1	0	0	2	1	2	1	0	1	4-6
Peiping.....	0500	A	88	91	95	98	98	96	86	93	93	92	96	88	94	4-6
		B	3	2	2	1	0	1	2	3	3	5	1	4	2	4-6
Shih-men.....	0500	A	94	98	97	99	98	98	98	92	98	96	94	94	96	4-6
		B	4	1	2	0	1	1	1	4	1	1	2	4	2	4-6
Shih-tao.....	0500	A	97	98	93	91	92	74	68	91	97	99	100	98	92	4-6
		B	2	1	7	7	7	23	30	8	2	1	0	1	7	4-6
Süchow.....	0500	A	87	90	86	89	85	85	85	87	92	96	88	87	88	4-6
		B	8	7	10	6	10	13	11	7	4	2	9	9	8	4-6
Tientsin.....	0500	A	94	94	95	99	97	92	87	96	98	96	93	88	94	4-6
		B	4	3	2	1	0	2	3	3	1	1	4	3	2	4-6
Tainan.....	0500	A	92	94	95	99	97	97	92	96	98	98	91	89	95	4-6
		B	5	5	3	1	1	2	1	2	1	2	3	7	3	4-6
Tsingtao.....	0500	A	91	91	85	83	86	59	58	84	95	97	96	96	85	4-6
		B	8	7	13	13	11	32	31	11	1	2	2	3	11	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOURLY (LST)	COMBINATION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:																
An-k'ang.....	0700	A	96	99	96	97	99	98	100	97	95	90	81	87	95	4-6
		B	3	1	4	3	0	2	0	1	3	10	15	12	5	4-6
Ch'ang-chih.....	0500	A	96	96	98	96	99	100	95	96	98	97	96	98	97	4-6
		B	2	2	2	2	1	0	2	3	1	3	3	1	2	4-6
Dolon Nor.....	0500	A	96	97	98	98	100	98	97	97	100	99	98	98	98	4-6
		B	2	3	2	1	0	2	2	3	0	1	1	1	2	4-6
Fu-shih.....	0700	A	98	97	95	95	99	97	94	83	87	85	98	96	94	4-6
		B	1	3	3	2	0	2	1	15	9	10	1	1	3	4-6
Hsi-feng-chen.....	0700	A	97	92	95	97	97	95	99	91	91	91	91	90	94	4-6
		B	2	8	4	2	3	4	0	8	9	8	6	8	5	4-6
Kuet-sui.....	0700	A	91	97	97	96	99	100	99	99	98	99	98	93	97	4-6
		B	2	0	1	2	1	0	1	1	2	1	1	3	1	4-6
Lan-chou.....	0700	A	73	84	89	91	95	95	96	96	98	89	88	59	88	4-6
		B	4	3	2	4	2	1	1	1	1	6	2	5	3	4-6
Sian.....	0700	A	64	65	67	75	84	91	82	82	66	58	59	55	71	4-6
		B	11	13	15	12	5	3	7	3	13	21	16	21	12	4-6
T'ai-yuan.....	0500	A	98	98	99	99	100	99	99	94	99	96	96	97	98	4-6
		B	1	1	1	1	0	0	1	3	0	1	1	1	1	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u).....	0700	A	99	99	98	99	99	100	99	99	100	100	98	100	99	4-6
		B	1	0	1	1	1	0	0	0	0	0	1	0	***	4-6
Wu-tu.....	0700	A	100	99	99	98	99	99	100	100	99	100	100	100	99	4-6
		B	0	1	1	2	0	1	0	0	0	0	0	0	***	4-6
Yen Ch'ih.....	0700	A	97	98	96	92	96	98	98	98	99	100	99	98	97	4-6
		B	2	1	1	5	3	1	1	1	1	0	0	1	1	4-6
Yü-lin.....	0700	A	97	98	99	98	98	99	99	98	99	96	98	97	98	4-6
		B	2	2	0	1	2	0	0	2	1	4	1	2	1	4-6
Northern Plateau:																
Chi-lan-t'ai.....	0700	A	99	98	98	96	96	100	99	99	99	100	98	100	99	4-6
		B	1	0	2	1	2	0	1	1	0	0	1	0	1	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	0500	A	100	98	98	99	99	99	100	99	98	100	99	100	99	4-6
		B	0	1	1	1	0	1	0	1	1	0	0	0	1	4-6
Hsing-hsing-hsiaf.....	0600	A	96	97	96	97	99	100	100	100	99	100	100	96	98	4-6
		B	2	2	1	2	0	0	0	0	1	0	0	4	1	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	A	100	99	96	100	99	99	100	100	99	100	100	99	99	4-5
		B	0	1	3	0	0	1	0	0	0	0	0	1	1	4-5
O-chi-na-ch'i.....	0700	A	100	100	100	96	na	100	100	100	100	100	100	100	na	1
		B	0	0	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	0700	A	99	99	99	100	100	99	100	100	99	98	99	100	99	4-6
		B	1	1	1	0	0	1	0	0	1	1	1	0	1	4-6
Pan-ting-t'o-lo-kai.....	0700	A	100	100	100	100	na	na	na	na	na	na	100	100	na	1
		B	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	A	100	99	97	99	99	100	100	97	99	100	99	100	99	4-6
		B	0	1	2	0	0	0	0	3	1	0	1	0	1	4-6
Shan-tan.....	0700	A	99	99	98	97	98	99	100	99	100	100	99	99	99	4-6
		B	0	1	0	1	1	1	0	0	0	0	0	0	***	4-6
Ting-hsin.....	0700	A	99	99	98	98	99	99	99	100	99	100	99	99	99	4-6
		B	0	0	0	1	0	1	1	0	0	0	1	1	***	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-keh-miao).....	0500	A	100	100	100	99	100	100	98	98	99	100	100	99	99	4-6
		B	0	0	0	1	0	0	1	2	1	0	0	0	***	4-6
Tun-huang.....	0600	A	100	100	98	99	99	100	99	99	100	100	100	100	99	4-6
		B	0	0	1	1	0	0	0	1	0	0	0	0	***	4-6
Wen-ch'üan†.....	0500	A	99	100	98	100	100	100	98	97	98	99	99	99	99	3-6
		B	0	0	1	0	0	0	2	2	2	0	0	0	1	3-6
Yin-ch'uan.....	0700	A	98	98	98	98	100	100	100	99	100	99	98	100	99	4-6
		B	2	2	0	1	0	0	0	1	0	1	2	0	1	4-6
Yü-men.....	0600	A	97	99	99	96	98	99	98	99	98	99	100	99	99	4-6
		B	2	1	1	1	1	2	2	0	2	1	0	0	1	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOURLY (1ST)	COMBINATION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:																
Hsin-yang.....	1100	A	84	92	85	93	90	94	96	92	94	95	86	87	91	4-6
		B	11	5	4	2	2	3	0	0	2	1	4	7	3	4-6
Ko-tse.....	1100	A	91	93	98	98	98	98	100	100	99	99	94	88	96	4-6
		B	4	5	0	1	1	1	0	0	1	1	4	8	2	4-6
Lin-yü.....	1100	A	98	95	98	98	100	99	98	98	100	100	99	100	99	4-6
		B	0	2	0	1	0	1	1	1	0	0	1	0	1	4-6
Lo-yang.....	1100	A	93	97	98	100	99	99	100	99	100	99	97	97	98	4-6
		B	1	2	0	0	1	0	0	0	0	0	1	0	***	4-6
Peiping.....	1100	A	82	91	89	98	99	98	97	97	96	91	91	80	92	4-6
		B	6	4	4	0	0	0	0	0	2	3	3	8	3	4-6
Shih-men.....	1100	A	95	97	93	98	98	97	97	96	98	97	88	89	95	4-6
		B	3	3	4	0	1	1	1	0	0	1	4	5	2	4-6
Shih-tao.....	1100	A	98	98	96	95	92	81	85	98	99	100	100	98	95	4-6
		B	2	2	3	2	7	14	15	2	1	0	0	1	4	4-6
Süchow.....	1100	A	89	93	88	96	94	95	90	97	97	96	91	89	93	4-6
		B	4	6	5	1	3	4	8	2	2	2	5	8	4	4-6
Tientsin.....	1100	A	84	91	95	98	99	98	98	97	97	97	91	81	94	4-6
		B	7	3	2	1	0	0	0	1	0	1	4	11	3	4-6
Tsinan.....	1100	A	87	94	97	99	100	97	97	99	99	98	93	86	96	4-6
		B	6	1	1	1	0	2	0	1	0	1	4	11	2	4-6
Tsingtao.....	1100	A	90	91	89	89	88	78	82	93	96	99	96	92	90	4-6
		B	6	5	10	6	12	18	12	6	1	1	0	4	7	4-6
Central Highlands:																
An-k'ang.....	1300	A	98	99	98	100	100	98	100	99	99	99	99	99	99	4-6
		B	1	1	1	0	0	2	0	0	0	0	0	1	1	4-6
Ch'ang-chih.....	1100	A	93	98	96	97	99	99	98	100	99	98	96	95	97	4-6
		B	4	2	3	2	0	1	1	0	0	2	3	1	2	4-6
Dolon Nor.....	1100	A	95	97	96	98	100	100	100	100	99	99	98	98	98	4-6
		B	5	1	3	2	0	0	0	0	1	1	1	1	1	4-6
Fu-shih.....	1300	A	98	97	99	97	99	99	100	100	100	100	99	100	99	4-6
		B	1	1	0	2	1	0	0	0	0	0	0	0	***	4-6
Hsi-feng-chen....	1300	A	98	97	98	97	99	99	100	99	99	99	96	96	98	4-6
		B	1	2	1	1	0	0	0	0	1	1	2	3	1	4-6
Kuei-sui.....	1300	A	98	97	98	98	99	100	100	99	100	99	99	99	99	4-6
		B	0	1	1	1	1	0	0	0	0	1	0	1	1	4-6
Lan-chou.....	1300	A	61	86	93	95	95	98	99	99	99	100	92	56	89	4-6
		B	10	2	0	1	1	1	1	1	0	0	1	10	2	4-6
Sian.....	1300	A	87	90	97	94	95	98	97	94	98	97	96	87	94	4-6
		B	3	4	1	3	3	1	1	2	2	1	0	5	2	4-6
T'ai-yüan.....	1100	A	84	96	98	97	98	99	98	99	97	98	92	88	95	4-6
		B	4	1	1	1	1	1	0	0	1	1	1	2	1	4-6
Wu-la-t'e-chung-how-lien-ho-ch'i (Hai-liu-t'u).....	1300	A	99	99	96	96	99	100	100	100	100	100	98	99	99	4-6
		B	0	1	3	3	1	0	0	0	0	0	1	1	1	4-6
Wu-tu.....	1300	A	99	99	99	98	100	98	100	100	99	100	100	99	99	4-6
		B	1	1	1	2	0	1	0	0	1	0	0	0	1	4-6
Yen Ch'ih.....	1300	A	92	89	90	86	95	99	100	100	99	98	97	94	95	4-6
		B	6	8	5	8	2	0	0	0	1	1	1	4	3	4-6
Yü-lin.....	1300	A	97	97	96	92	99	99	100	99	100	99	100	98	98	4-6
		B	2	1	3	6	1	0	0	1	0	0	0	2	1	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOOR (LST)	COM-BINA-TION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:																
Chi-lan-t'ai.....	1300	A	96	96	93	92	97	99	99	100	99	100	98	96	97	4-6
		B	1	2	5	7	1	2	1	0	1	0	0	3	2	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1100	A	98	99	96	96	99	100	100	100	100	98	99	99	99	4-6
		B	1	0	3	4	1	0	0	0	0	1	0	1	1	4-6
Hsing-hsing-hsiat.....	1200	A	98	96	96	99	99	99	100	100	100	100	100	98	99	4-6
		B	1	1	1	1	0	1	0	0	0	0	0	1	1	4-6
Hsi-su-ni-t'e-wang-fu.....	1100	A	99	97	98	99	99	99	100	100	99	99	98	98	99	4-6
		B	1	3	3	1	0	0	0	0	0	0	1	1	1	4-6
O-chi-na-ch'i.....	1300	A	93	92	100	92	na	100	100	100	100	100	100	100	na	1
		B	7	4	0	0	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	1300	A	98	97	98	99	99	100	100	100	99	99	99	99	99	4-6
		B	2	2	2	1	1	0	0	0	1	1	1	1	1	4-6
Pan-ting-t'o-lo-ke.....	1300	A	100	100	100	95	na	na	na	na	na	na	100	100	na	1
		B	0	0	0	5	na	na	na	na	na	na	0	0	na	4-6
Shan-pa.....	1300	A	99	98	99	99	99	100	99	100	100	100	99	99	99	4-6
		B	1	2	1	1	1	0	0	0	0	0	1	1	1	4-6
Shan-tan.....	1300	A	98	98	97	97	98	99	99	99	99	99	100	99	99	4-6
		B	1	1	2	1	1	1	0	0	1	1	0	0	1	4-6
Ting-hsin.....	1300	A	90	95	97	96	98	97	99	100	100	98	96	95	97	4-6
		B	8	5	2	4	1	2	1	0	0	1	1	4	2	4-6
Tung-wu-chu-mu-ch'in-ch'i (Lama-k'u-lieh-miao).....	1100	A	99	100	99	99	99	100	100	100	99	99	100	100	99	4-6
		B	1	0	1	1	0	0	0	0	1	0	0	0	***	4-6
Tun-huang.....	1200	A	99	97	96	97	99	100	98	100	100	100	99	99	99	4-6
		B	1	1	2	2	0	0	2	0	0	0	0	1	1	4-6
Wen-ch'üan.....	1100	A	100	100	99	99	99	99	100	100	100	99	99	100	99	4-6
		B	0	0	1	1	1	0	0	0	0	1	0	0	***	4-6
Yin-ch'uan.....	1300	A	99	96	98	98	99	99	100	100	100	99	99	99	99	4-6
		B	1	3	1	2	0	0	0	0	0	0	1	1	1	4-6
Yü-men.....	1200	A	95	96	94	94	99	99	96	99	100	100	97	98	97	4-6
		B	3	3	4	4	0	1	4	1	0	0	2	1	2	4-6
Eastern Plain and Hills:																
Hsin-yang.....	1400	A	86	93	87	95	96	96	98	97	96	96	86	91	93	4-6
		B	10	2	3	2	1	1	1	0	1	0	4	3	2	4-6
Ko-tse.....	1400	A	91	95	98	97	98	98	99	100	100	98	95	93	97	4-6
		B	3	3	2	1	1	2	0	0	0	1	3	2	2	4-6
Lín-yü.....	1400	A	98	99	99	99	100	99	100	99	100	100	99	98	99	4-6
		B	1	0	1	1	0	1	0	0	0	0	0	1	***	4-6
Lo-yang.....	1400	A	96	98	98	98	99	99	98	100	99	99	99	98	98	4-6
		B	1	1	1	0	0	0	1	0	0	0	0	0	***	4-6
Peiping.....	1400	A	93	95	97	99	99	100	98	98	99	98	95	93	97	4-6
		B	1	1	1	0	0	0	2	1	0	0	3	4	1	4-6
Shih-men.....	1400	A	96	96	96	98	99	98	97	97	99	98	95	93	97	4-6
		B	2	1	2	1	0	2	1	0	0	0	0	1	1	4-6
Shih-tao.....	1400	A	99	96	96	94	93	93	88	98	99	99	98	99	96	4-6
		B	1	2	3	2	7	6	11	1	0	0	1	1	3	4-6
Süchow.....	1400	A	91	94	95	96	97	97	98	96	99	98	94	92	96	4-6
		B	5	4	2	2	1	0	1	3	0	1	2	6	2	4-6
Tientsin.....	1400	A	92	98	95	97	98	100	97	98	99	100	94	94	97	4-6
		B	4	1	2	2	1	0	1	1	1	0	3	2	2	4-6
Tsinan.....	1400	A	91	96	97	97	100	100	100	100	99	99	98	95	98	4-6
		B	3	2	1	1	0	0	0	0	1	0	1	3	1	4-6
Tsingtao.....	1400	A	94	94	89	89	93	84	80	94	98	99	98	93	92	4-6
		B	5	3	9	8	6	13	15	3	1	0	1	4	6	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOUR (LST)	COM-BINA-TION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Central Highlands:																
An-k'ang.....	1600	A	99	98	99	99	99	98	100	100	100	99	100	100	99	4-6
		B	0	2	1	0	0	2	0	0	0	0	0	0	***	4-6
Ch'ang-chih.....	1400	A	96	97	97	98	99	100	99	100	100	100	100	100	99	4-6
		B	2	2	1	0	1	0	0	0	0	0	0	0	1	4-6
Dolon Nor.....	1400	A	93	97	97	96	99	100	100	100	100	100	98	97	98	4-6
		B	4	3	1	2	0	0	0	0	0	0	1	0	1	4-6
Fu-shih.....	1600	A	99	97	100	97	99	100	99	100	100	100	99	99	99	4-6
		B	1	2	0	3	1	0	1	0	0	0	1	0	1	4-6
Hsi-feng-chen.....	1600	A	98	99	100	99	99	100	100	100	99	99	96	98	99	4-6
		B	1	1	0	1	1	0	0	0	0	1	2	1	1	4-6
Kuei-sui.....	1600	A	99	99	98	97	99	100	99	100	99	100	100	100	99	4-6
		B	0	0	0	2	0	0	0	0	0	0	0	0	***	4-6
Lan-chou.....	1600	A	80	95	95	97	98	96	99	99	100	99	95	76	94	4-6
		B	2	1	2	3	0	2	1	0	0	0	1	3	1	4-6
Sian.....	1600	A	90	92	96	95	98	97	99	92	96	96	97	87	95	4-6
		B	2	4	0	2	1	0	0	0	1	1	1	4	1	4-6
T'ai-ai-yüan.....	1400	A	96	99	99	97	99	100	100	99	99	100	98	97	99	4-6
		B	1	0	1	1	0	0	0	0	0	0	1	1	***	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u).....	1600	A	99	97	95	95	100	99	100	100	99	99	99	99	99	4-6
		B	0	2	3	4	0	0	0	0	0	0	1	1	1	4-6
Wu-tu.....	1600	A	100	98	99	98	99	99	100	100	100	99	100	100	99	4-6
		B	0	1	1	3	1	1	0	0	0	0	0	0	1	4-6
Yen Ch'ih.....	1600	A	94	90	92	89	98	99	100	99	99	100	98	96	96	4-6
		B	3	6	6	7	2	0	0	0	1	0	1	2	2	4-6
Yü-lin.....	1600	A	98	95	97	95	96	98	98	100	100	100	99	99	98	4-6
		B	1	3	1	3	4	1	0	0	0	0	0	1	1	4-6
Northern Plateau:																
Chi-lan-t'ai.....	1600	A	99	96	96	89	97	97	99	100	99	99	99	99	97	4-6
		B	1	2	2	6	2	2	1	0	0	1	1	1	2	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	1400	A	98	99	99	98	99	100	100	99	99	99	98	99	99	4-6
		B	2	1	0	1	1	0	0	0	0	1	1	0	1	4-6
Hsing-hsing-hsia†.....	1500	A	97	98	99	99	99	100	100	100	99	100	99	96	99	4-5
		B	1	0	0	1	0	0	0	0	0	0	1	3	1	4-5
Hsi-su-ni-t'e-wang-fu.....	1400	A	98	98	96	99	99	100	99	99	100	100	100	99	99	4-6
		B	1	2	3	0	1	0	1	0	0	0	0	1	1	4-6
O-chi-na-ch'i.....	1600	A	100	93	100	93	na	na	100	100	100	96	100	100	na	1
		B	0	7	0	4	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1600	A	99	99	96	99	99	100	100	100	100	99	99	100	99	4-6
		B	1	1	3	1	1	0	0	0	0	1	0	0	1	4-6
Pan-t'ing-t'o-lo-kai.....	1600	A	100	100	100	100	na	na	na	100	100	100	100	100	na	1
		B	0	0	0	0	na	na	na	0	0	0	0	0	na	1
Shan-pa.....	1600	A	99	99	99	98	99	99	100	99	100	100	100	99	99	4-6
		B	1	1	0	1	1	1	0	1	0	0	0	2	1	4-6
Shan-tan.....	1600	A	99	98	96	96	98	99	99	100	98	99	100	100	99	3-5
		B	0	1	3	2	1	1	0	0	1	0	0	0	1	3-5
Ting-hsin.....	1600	A	90	93	97	94	99	98	99	100	100	98	98	95	97	4-6
		B	10	6	1	5	1	2	1	0	0	1	1	4	3	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'ulieh-miao).....	1400	A	100	99	99	98	98	99	100	100	99	99	99	99	99	4-6
		B	0	1	1	2	2	1	0	0	0	0	1	1	1	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOUR (LST)	COMBINATION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau (Continued):																
Tun-huang.....	1500	A	99	99	94	96	99	100	100	100	100	100	100	100	99	4-6
		B	1	1	4	3	0	0	0	0	0	0	0	0	1	4-6
Wan-ch'üan†.....	1400	A	100	100	99	99	98	100	100	100	98	99	100	100	99	4-6
		B	0	0	1	1	2	0	0	0	1	1	0	0	1	4-6
Yin-ch'uan.....	1600	A	99	97	98	98	100	99	100	99	100	100	99	99	99	4-6
		B	1	3	1	1	0	0	0	0	0	0	1	1	1	4-6
Yü-men.....	1500	A	95	97	96	95	95	98	98	99	100	100	99	99	98	4-6
		B	3	2	3	3	1	1	1	0	0	0	1	1	1	4-6
Eastern Plain and Hills:																
Hsin-yang.....	1700	A	87	93	92	97	96	97	100	97	96	97	88	93	94	4-6
		B	10	3	2	1	0	1	0	1	1	0	3	3	2	4-6
Ko-tse.....	1700	A	95	95	97	97	100	100	100	100	98	97	96	93	97	4-6
		B	2	2	0	2	0	0	0	0	1	1	2	2	1	4-6
Lín-yü.....	1700	A	98	96	97	99	100	99	98	98	100	100	99	100	99	4-6
		B	1	3	2	1	0	1	2	1	0	0	1	0	1	4-6
Lo-yang.....	1700	A	98	99	99	99	100	100	98	99	99	99	98	99	99	4-6
		B	1	1	0	0	0	0	0	0	0	0	0	0	***	4-6
Peiping.....	1700	A	89	94	97	98	100	100	97	99	99	98	94	87	96	4-6
		B	1	1	1	1	0	0	2	0	1	1	1	4	1	4-6
Shih-men.....	1700	A	97	98	97	97	99	98	99	100	99	98	96	95	98	4-6
		B	2	1	2	2	1	1	0	0	0	1	1	0	1	4-6
Shih-tao.....	1700	A	99	97	94	93	93	86	86	97	99	100	99	98	95	4-6
		B	1	3	5	5	6	14	13	2	1	0	0	1	4	4-6
Süchow.....	1700	A	96	98	96	95	97	96	97	99	99	99	95	93	97	4-6
		B	3	1	2	3	2	1	2	1	1	1	4	6	2	4-6
Tientsin.....	1700	A	93	99	98	98	99	98	97	100	99	99	94	93	97	4-6
		B	3	1	1	1	0	1	2	0	0	0	2	1	1	4-6
Tsinan.....	1700	A	94	99	99	100	99	98	98	100	99	99	98	94	98	4-6
		B	3	1	0	0	0	0	0	0	1	1	1	3	1	4-6
Tsingtao.....	1700	A	93	94	87	88	95	84	80	94	96	99	97	97	92	4-6
		B	4	5	12	10	4	15	14	6	3	0	2	1	6	4-6
Central Highlands:																
An-k'ang.....	1900	A	99	98	100	100	100	98	100	100	100	100	100	100	100	4-6
		B	1	2	0	0	0	2	0	0	0	0	0	0	***	4-6
Ch'ang-chih.....	1700	A	99	98	96	99	98	98	98	99	99	100	99	100	99	4-6
		B	1	1	3	1	2	2	0	0	1	0	1	0	1	4-6
Dolon Nor.....	1700	A	97	96	98	96	98	100	99	100	100	100	99	97	98	4-6
		B	3	3	1	3	2	0	1	0	0	0	1	2	1	4-6
Fu-shih.....	1900	A	99	95	99	96	98	98	99	99	100	99	97	98	98	4-6
		B	1	4	0	3	2	2	0	0	0	0	2	1	1	4-6
Hsi-feng-chen.....	1900	A	98	98	98	98	100	99	100	100	99	99	98	99	99	4-6
		B	1	2	1	2	0	0	0	0	1	0	2	1	1	4-6
Kuei-sui.....	1900	A	95	99	99	95	100	99	99	99	99	100	98	97	98	4-6
		B	2	0	1	4	0	0	0	0	1	0	1	1	1	4-6
Lan-chou.....	1900	A	71	97	91	93	96	98	99	99	99	99	92	65	92	4-6
		B	6	3	5	4	1	0	0	1	1	0	3	7	3	4-6
Sian.....	1900	A	89	92	94	94	98	98	98	96	97	93	95	86	94	4-6
		B	1	3	0	3	2	0	0	1	1	2	1	2	1	4-6
T'ai-yüan.....	1700	A	97	100	97	97	99	98	100	99	99	98	98	98	98	4-6
		B	0	0	0	2	1	0	0	0	0	0	1	0	***	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailu-t'u).....	1900	A	99	98	99	95	99	99	99	100	100	99	99	99	99	4-6
		B	0	2	1	3	1	0	1	0	0	0	1	1	1	4-6
Wu-tu.....	1900	A	100	99	100	96	100	100	99	99	99	100	99	100	99	4-6
		B	0	1	0	2	0	0	0	0	0	0	1	0	***	4-6
Yen Ch'ih.....	1900	A	99	95	96	96	98	99	99	100	99	99	99	99	98	4-6
		B	0	3	2	2	0	1	1	0	0	1	0	1	1	4-6
Yü-lin.....	1900	A	98	97	98	95	97	99	100	99	99	99	99	7	98	4-6
		B	1	3	1	5	2	0	0	1	1	1	1	2	2	4-6

See footnotes at end of table.

FIGURE 34. FREQUENCY OF SPECIFIED CEILING* AND VISIBILITY COMBINATIONS (Continued)

REGION AND STATION	HOUR (LST)	COM-BINATION**	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:																
Chi-lan-t'ai.....	1900	A	99	98	99	92	94	96	95	100	99	100	100	99	98	4-6
		B	1	1	1	4	4	2	2	0	1	0	0	0	1	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1700	A	99	99	100	98	99	100	99	99	99	100	99	99	99	4-6
		B	1	0	0	2	1	0	0	0	0	0	0	0	***	4-6
Hsing-hsing-hsia†.....	1800	A	98	99	99	98	100	100	100	100	100	100	100	98	99	4-6
		B	1	0	0	2	0	0	0	0	0	0	0	0	***	4-6
Hsi-su-ni-t'e-wang-fu (Pei-tzu-miao).....	1700	A	99	99	98	99	100	100	100	99	100	99	100	98	99	4-6
		B	1	1	1	1	0	0	0	0	0	0	0	2	1	4-6
O-chi-na-ch'i.....	1900	A	100	96	100	100	na	na	100	100	100	100	100	100	na	1
		B	0	0	0	0	na	na	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	A	99	99	98	98	99	100	100	100	100	98	99	99	99	4-6
		B	1	1	2	1	1	0	0	0	0	1	0	0	1	4-6
Pan-ting-t'o-lo-kai.....	1900	A	99	98	100	99	100	100	100	100	100	100	97	100	99	1-3
		B	0	0	0	1	0	0	0	0	0	0	3	0	***	1-3
Shan-pa.....	1900	A	100	99	100	98	99	99	100	100	100	100	100	99	99	4-6
		B	0	1	0	2	1	1	0	0	0	0	0	1	1	4-6
Shan-tan.....	1900	A	98	99	98	92	98	98	99	99	99	100	99	100	99	4-6
		B	1	1	1	3	1	2	1	0	0	0	0	0	1	4-6
Ting-hsin.....	1900	A	93	97	96	92	98	95	99	100	99	98	99	98	97	4-6
		B	5	1	2	6	1	3	1	0	0	1	0	1	2	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	1700	A	100	99	100	100	99	99	99	100	100	99	100	100	100	4-6
		B	0	1	0	0	2	0	0	0	0	1	0	0	***	4-6
Tun-huang.....	1800	A	99	99	95	98	97	99	100	100	100	100	100	100	99	4-6
		B	1	0	3	1	1	0	0	0	0	0	0	0	1	4-6
Wen-ch'üan†.....	1700	A	99	100	99	98	99	99	100	100	99	99	99	100	99	4-6
		B	0	0	0	1	1	0	0	0	0	1	0	0	***	4-6
Yin-ch'uan.....	1900	A	99	98	99	98	100	100	100	99	100	100	99	99	99	4-6
		B	1	2	1	1	0	0	0	0	0	0	0	1	1	4-6
Yü-men.....	1800	A	98	99	95	97	96	99	99	100	99	99	100	100	98	4-6
		B	1	0	2	1	2	1	0	0	1	1	0	0	1	4-6

na Data not available.

* Ceiling herein defined as ≥ 5 -eighths cloud cover.

** Combination:

A..... Ceiling ≥ 984 feet with visibility $\geq 2\frac{1}{2}$ miles.B..... Ceiling < 656 feet and/or visibility $< 1\frac{1}{4}$ miles.*** $< 0.5\%$.

† Near but outside North China (NIS 39A, Part III Area).

FIGURE 35. MAXIMUM SURFACE WIND SPEED (KNOTS)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Hsin-yang.....	19	23	31	27	23	19	23	25	23	27	19	25	31	4-6
Ko-tse.....	27	31	31	39	31	31	23	23	23	27	31	25	39	4-6
Lin-yü.....	27	35	39	39	31	27	23	23	19	19	25	27	39	4-6
Lo-yang.....	39	23	33	29	27	19	23	29	27	23	19	23	39	4-6
Peiping.....	27	27	35	23	27	23	21	12	19	23	23	31	35	4-6
Shih-men.....	27	19	27	25	27	21	16	16	16	17	19	27	27	4-6
Shih-tao.....	39	35	39	35	35	35	47	35	35	39	35	39	47	4-6
Süchow.....	27	27	27	27	27	23	27	23	31	27	27	23	31	4-6
Tientsin.....	27	23	27	27	23	27	23	19	23	23	27	27	27	4-6
Tsinan.....	27	33	35	33	31	31	23	19	25	29	27	23	35	4-6
Tsingtao.....	35	39	33	45	39	33	35	27	39	41	37	37	45	4-6
Central Highlands:														
An-k'ang.....	16	19	23	31	23	23	33	35	23	17	19	19	35	4-6
Ch'ang-chih.....	33	27	23	31	23	19	19	23	19	19	17	27	33	4-6
Dolon Nor.....	35	31	35	35	35	27	27	19	31	39	35	35	39	4-6
Fu-shih.....	14	16	19	19	23	23	12	21	14	19	14	23	23	4-6
Hsi-feng-chen.....	25	23	23	27	23	23	27	21	19	39	25	23	39	4-6
Kuei-sui.....	27	27	35	31	35	33	19	19	27	31	27	23	35	4-6
Lan-chou.....	12	19	23	23	16	19	19	16	23	25	19	8	25	4-6
Sian.....	23	27	31	23	31	31	33	31	31	23	31	29	33	4-6
T'ai-yüan.....	31	27	27	27	25	23	19	21	19	23	19	35	35	4-6
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	35	47	39	47	35	39	27	35	31	35	35	35	47	4-6
Wu-tu.....	21	17	23	17	31	19	23	23	16	16	16	16	31	4-6
Yen Ch'ih.....	35	31	47	39	31	31	23	25	23	27	27	35	47	4-6
Yü-lin.....	27	27	27	35	27	31	19	33	27	23	23	27	35	4-6
Northern Plateau:														
Chi-lan-t'ai.....	27	35	47	47	31	35	31	27	35	31	27	47	47	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	43	31	35	39	39	27	31	27	39	31	31	27	43	4-6
Hsing-hsing-hsia*.....	31	31	39	39	39	31	27	27	31	31	23	19	39	4-6
Hsi-su-ni-t'e-wang-fu.....	47	39	47	39	47	39	35	35	35	39	35	35	47	4-6
O-chi-na-ch'i.....	23	35	23	na	na	na	na	na	na	27	na	na	na	1
P'ang-pei.....	31	31	47	35	47	31	31	23	31	31	31	35	47	4-6
Pan-ting-t'o-lo-kai.....	19	27	27	35	na	na	na	na	na	na	27	31	na	1
Shan-pa.....	27	35	43	47	35	27	31	23	19	23	27	27	47	4-6
Shan-tan.....	17	27	31	35	35	27	19	27	27	25	29	19	35	4-6
Ting-hsin.....	35	43	39	35	29	27	23	25	23	31	23	31	43	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lien-miao).....	39	31	35	39	39	39	31	27	31	35	39	31	39	4-6
Tun-huang.....	19	23	27	27	23	19	27	25	16	19	19	21	27	4-6
Wen-ch'üan*.....	27	25	78	39	47	27	23	27	39	47	31	33	78	4-6
Yin-ch'uan.....	35	66	39	33	35	35	33	19	27	19	31	39	66	4-6
Yü-men.....	37	39	39	39	31	35	31	31	31	27	31	39	39	4-6

NOTE: Maximum wind speed derived from 8 observations daily.

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 36. MEAN NUMBER OF DAYS WITH SURFACE WIND ≥ 16 KNOTS AND NO PRECIPITATION OCCURRING AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	0	*	*	*	0	0	0	0	0	0	0	*	1	4-6
Ko-tse.....	2300	*	1	1	*	0	*	0	0	0	0	0	1	3	4-6
Lin-yü.....	2300	1	*	1	0	2	0	0	*	*	0	1	1	6	3-5
Lo-yang.....	2300	*	0	1	*	0	0	*	0	0	*	*	0	2	4-6
Peiping.....	2300	1	*	*	*	*	0	0	0	*	0	*	1	3	4-6
Shih-men.....	2300	0	0	0	*	*	0	0	0	0	0	0	0	*	4-6
Shih-tao.....	2300	3	5	3	4	1	1	1	1	1	3	2	2	26	3-5
Süchow.....	2300	*	1	1	1	1	1	1	*	*	0	*	0	5	3-5
Tientsin.....	2300	1	*	1	1	*	*	0	0	0	*	0	1	4	4-6
Tsinan.....	2300	0	2	2	2	2	1	0	0	*	*	1	1	10	4-6
Tsingtao.....	2300	4	5	4	5	3	1	2	2	2	4	4	4	39	4-6
Central Highlands:															
An-k'eng.....	0100	0	0	0	0	0	0	*	0	0	0	0	*	*	4-6
Ch'ang-chih.....	2300	1	0	1	0	*	0	*	*	*	0	0	*	2	3-5
Dolon Nor.....	2300	2	2	1	1	1	*	0	0	0	1	*	2	11	4-6
Fu-shih.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Hsi-feng-chen.....	0100	*	*	*	0	*	0	0	0	0	*	0	*	1	4-6
Kuei-sui.....	0100	*	1	*	1	*	0	0	0	0	0	*	*	3	4-6
Lan-chou.....	0100	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Sian.....	0100	*	*	1	1	*	0	*	0	0	0	*	*	3	4-6
T'ai-yüan.....	2300	1	*	*	1	1	1	0	1	0	*	*	0	5	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	1	1	2	3	2	1	*	1	1	1	1	2	15	4-6
Wu-tu.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yen Ch'ih.....	0100	2	*	1	1	1	*	1	0	0	1	*	2	8	4-6
Yü-lin.....	0100	0	*	*	*	1	0	*	0	*	0	0	0	1	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	*	0	1	1	*	0	1	*	*	*	0	*	4	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	1	*	1	2	2	1	*	0	*	1	*	1	9	4-6
Hsing-hsing-hsia**.....	0000	1	1	1	3	4	2	2	2	2	1	1	*	19	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	4	2	4	6	3	3	1	*	1	3	3	3	32	2-4
O-chi-na-ch'i.....	0100	0	0	0	0	na	na	0	0	1	0	0	0	na	1
P'ang-pei.....	0100	1	*	*	2	1	1	1	0	0	*	1	*	7	4-6
Pan-ting-t'o-lo-kai.....	0100	0	1	0	1	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0100	1	0	1	1	*	*	0	0	0	*	*	*	4	4-6
Shan-tan.....	0100	0	0	1	1	1	*	1	0	0	0	0	0	3	4-6
Tin-hsin.....	0100	*	*	*	1	1	*	1	*	*	*	0	*	4	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	2300	1	1	1	3	1	1	0	0	1	1	2	0	11	4-6
Tun-huang.....	0000	0	*	*	*	0	0	0	0	0	0	0	*	1	4-6
Wen-ch'üan**.....	2300	*	1	1	2	1	*	*	1	0	1	1	*	7	3-5
Yin-ch'uan.....	0100	*	*	*	*	*	*	*	0	0	0	*	*	2	4-6
Yü-men.....	0000	1	1	1	*	2	1	0	0	*	0	*	1	8	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	*	*	*	*	0	0	1	0	*	*	0	0	2	4-6
Ko-tse.....	0500	*	1	1	1	*	0	0	0	0	*	1	*	4	4-6
Lin-yü.....	0500	*	*	1	1	1	0	0	0	0	0	*	1	4	4-6
Lo-yang.....	0500	*	0	*	*	*	0	0	0	0	*	0	*	2	4-6
Peiping.....	0500	1	0	*	1	0	0	0	0	0	0	0	1	3	4-6
Shih-men.....	0500	*	*	*	0	*	0	0	0	0	0	0	*	1	4-6
Shih-tao.....	0500	3	4	4	3	2	1	1	1	1	1	1	2	23	4-6
Süchow.....	0500	*	*	1	*	0	*	0	0	*	*	0	0	2	4-6
Tientsin.....	0500	1	*	*	*	*	0	0	0	0	*	*	*	2	4-6
Tsinan.....	0500	1	1	1	3	2	0	0	0	*	*	1	*	9	4-6
Tsingtao.....	0500	5	4	4	3	3	1	1	1	2	3	3	6	35	4-6

See footnotes at end of table.

FIGURE 36. DAYS WITH SURFACE WIND ≥ 16 KNOTS AND NO PRECIPITATION (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	0	*	*	0	0	0	0	0	0	0	*	0	1	4-6
Ch'ang-chih.....	0500	*	0	*	*	0	*	0	0	0	*	0	0	1	4-6
Dolon Nor.....	0500	1	2	2	2	1	*	0	0	0	1	1	1	10	4-6
Fu-shih.....	0700	0	0	0	0	0	0	0	*	0	*	0	*	1	4-6
Hsi-feng-chen.....	0700	*	0	0	*	*	0	0	0	0	0	0	*	1	4-6
Kuei-sui.....	0700	*	1	*	1	*	1	0	0	0	0	0	*	3	4-6
Lan-chou.....	0700	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Sian.....	0700	*	1	0	0	*	0	0	*	0	0	0	*	2	4-6
T'ai-yüan.....	0500	1	*	*	*	*	0	0	0	0	0	*	*	3	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	2	1	2	3	3	2	1	1	1	1	1	1	18	4-6
Wu-tu.....	0700	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yen Ch'ih.....	0700	1	1	1	1	2	*	1	*	0	*	1	1	8	4-6
Yü-lin.....	0700	0	0	0	*	0	*	0	0	0	0	0	0	*	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	*	1	1	2	2	0	1	1	*	0	1	1	9	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	1	*	1	*	1	*	1	0	*	1	1	*	6	4-6
Hsing-hsing-hsia**.....	0600	1	1	2	2	4	3	2	2	1	*	*	*	20	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	5	4	4	5	4	3	1	*	2	2	3	3	36	4-6
O-chi-na-ch'i.....	0700	0	0	1	3	na	0	0	1	0	0	1	1	na	1
P'ang-pei.....	0700	1	0	2	4	4	2	2	*	1	1	1	*	17	4-6
Pan-ting-t'o-lo-kai.....	0700	0	1	2	5	na	na	na	na	na	na	1	0	na	1
Shan-pa.....	0700	1	*	*	1	1	1	0	0	0	0	*	*	5	4-6
Shan-tan.....	0700	0	*	1	1	1	*	0	0	*	*	0	0	3	4-6
Ting-hsin.....	0700	*	*	1	*	1	*	0	0	0	*	0	*	4	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	*	1	1	1	2	0	*	*	*	1	1	*	8	4-6
Tun-huang.....	0600	0	0	*	*	0	1	0	*	0	0	0	0	1	4-6
Wen-ch'üan**.....	0500	0	*	1	2	1	0	0	*	*	1	1	*	6	3-6
Yin-ch'uan.....	0700	*	*	*	1	*	0	0	0	0	0	0	0	2	4-6
Yü-men.....	0600	1	1	0	1	1	*	*	*	*	0	0	1	6	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	*	1	1	1	*	*	2	0	*	*	0	0	5	4-6
Ko-tse.....	1100	1	1	2	2	1	1	*	*	1	1	1	*	12	4-6
Lin-yü.....	1100	2	2	3	4	3	1	0	0	0	1	1	1	16	4-6
Lo-yang.....	1100	3	1	1	1	1	*	0	0	1	1	1	2	11	4-6
Peiping.....	1100	*	0	1	1	0	0	0	0	0	*	1	*	3	4-6
Shih-men.....	1100	1	*	1	*	*	0	0	0	0	0	0	*	2	4-6
Shih-tao.....	1100	4	6	7	7	4	1	0	1	3	4	4	3	43	4-6
Süchow.....	1100	1	1	2	2	1	*	1	0	*	*	0	*	8	4-6
Tientsin.....	1100	2	1	1	2	1	0	0	0	*	1	1	1	11	4-6
Tsinan.....	1100	1	2	4	6	4	1	1	0	1	1	2	1	23	4-6
Tsingtao.....	1100	5	3	4	7	3	2	1	1	3	5	6	5	45	4-6
Central Highlands:															
An-k'ang.....	1300	0	0	*	*	1	*	0	*	*	0	*	*	2	4-6
Ch'ang-chih.....	1100	1	*	*	1	*	1	0	0	0	0	0	1	4	4-6
Dolon Nor.....	1100	7	4	7	10	9	3	1	1	3	3	6	4	56	4-6
Fu-shih.....	1300	0	0	0	*	0	0	0	0	0	0	0	0	*	4-6
Hsi-feng-chen.....	1300	1	*	1	2	1	*	0	0	0	*	1	1	7	4-6
Kuei-sui.....	1300	1	1	2	2	2	1	*	0	*	*	1	1	10	4-6
Lan-chou.....	1300	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Sian.....	1300	1	1	1	1	1	*	0	1	0	0	0	*	5	4-6
T'ai-yüan.....	1100	1	*	*	1	*	*	0	*	0	*	0	*	4	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1300	5	4	6	8	7	4	2	1	3	2	4	4	50	4-6
Wu-tu.....	1300	*	0	*	0	0	0	*	0	0	0	0	0	1	4-6
Yen Ch'ih.....	1300	4	3	4	3	3	2	1	*	*	1	3	4	28	4-6
Yü-lin.....	1300	1	1	2	3	2	1	0	*	1	*	*	*	11	4-6

See footnotes at end of table.

FIGURE 36. DAYS WITH SURFACE WIND ≥ 16 KNOTS AND NO PRECIPITATION (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1300	2	3	4	5	3	4	3	1	1	1	2	2	30	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	3	2	4	7	9	2	2	1	3	3	3	2	39	4-6
Hsing-hsing-hsia**	1200	1	2	1	4	4	2	1	1	1	1	1	0	18	4-6
Hsi-su-ni-t'e-wang-fu	1100	10	7	10	14	9	6	5	2	8	9	9	9	96	4-6
O-chi-na-ch'i	1300	1	7	0	6	na	0	1	2	1	0	1	1	na	1
P'ang-pei	1300	4	4	7	12	7	2	4	1	5	5	5	2	58	4-6
Pan-ting-t'o-lo-kai	1300	0	5	6	6	na	na	na	na	na	na	5	7	na	1
Shan-pa	1300	2	2	1	4	1	1	1	0	1	1	1	1	16	4-6
Shan-tan	1300	*	*	1	1	1	*	*	*	*	*	0	0	5	4-6
Ting-hsin	1300	2	2	2	3	1	0	*	*	*	1	1	2	14	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lich-miao)	1100	2	3	5	9	9	2	1	1	3	5	4	2	45	4-6
Tung-huang	1200	1	1	1	*	1	0	1	0	0	*	0	*	4	4-6
Wen-ch'uan**	1100	*	1	2	4	4	1	1	1	1	3	1	*	18	4-6
Yin-ch'uan	1300	2	1	2	2	1	1	0	0	0	0	1	1	11	4-6
Yü-men	1200	5	4	5	7	4	2	1	1	1	2	4	5	40	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	*	*	1	1	*	0	1	*	*	1	0	0	5	4-6
Ko-tse	1400	1	2	3	2	1	1	0	1	1	1	1	1	15	4-6
Lün-yü	1400	2	2	3	5	3	1	0	0	*	1	2	1	20	4-6
Lo-yang	1400	3	1	2	3	1	*	0	*	*	1	1	2	15	4-6
Peiping	1400	1	*	1	1	0	0	0	0	*	1	1	1	5	4-6
Shih-men	1400	1	0	*	1	*	0	0	0	0	*	*	*	3	4-6
Shih-tao	1400	6	5	7	7	5	2	1	1	4	5	4	4	49	4-6
Süchow	1400	1	1	2	2	2	1	1	*	*	1	0	*	12	4-6
Tientsin	1400	2	1	2	3	2	*	*	0	0	*	1	1	13	4-6
Tsinan	1400	1	3	4	3	4	1	0	0	1	1	1	1	20	4-6
Tsingtao	1400	8	5	5	8	6	3	2	1	3	5	6	5	56	4-6
Central Highlands:															
An-k'ang	1600	0	0	*	*	0	*	0	*	0	0	0	0	1	4-6
Ch'ang-chih	1400	1	1	2	3	2	1	0	*	0	1	0	1	11	4-6
Dolon Nor	1400	9	7	9	11	10	4	1	1	6	6	7	5	74	4-6
Fu-shih	1600	0	0	*	0	0	*	0	0	0	0	0	0	*	4-6
Hsi-feng-chen	1600	1	*	1	1	1	0	0	0	0	*	*	*	5	4-6
Kuei-sui	1600	*	1	2	2	1	1	0	*	*	1	*	*	8	4-6
Lan-chou	1600	0	0	*	0	0	*	*	0	0	0	0	0	1	4-6
Sian	1600	*	*	1	1	*	1	1	1	1	0	0	*	5	4-6
T'ai-yüan	1400	2	1	2	2	1	1	0	0	1	1	1	2	13	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u)	1600	5	6	8	8	7	4	3	1	3	2	4	2	51	4-6
Wu-tu	1600	0	0	*	*	0	0	0	*	0	0	0	0	1	4-6
Yen Ch'ih	1600	3	1	3	3	3	1	1	0	1	1	1	2	20	4-6
Yü-lin	1600	*	2	1	2	1	*	0	*	*	*	*	*	8	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	1	3	3	5	4	2	2	1	1	1	2	1	27	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	5	3	5	8	7	3	3	1	3	6	5	3	51	4-6
Hsing-hsing-hsia**	1500	1	2	3	3	5	3	1	1	2	1	*	1	24	4-5
Hsi-su-ni-t'e-wang-fu	1400	12	7	11	15	9	6	4	3	8	10	12	9	106	4-6
O-chi-na-ch'i	1600	3	4	4	8	na	na	1	3	0	2	3	0	na	1
P'ang-pei	1600	2	3	5	11	7	4	3	2	4	5	2	*	49	4-6
Pan-ting-t'o-lo-kai	1600	4	8	7	4	na	na	na	8	6	4	6	7	na	1
Shan-pa	1600	1	1	1	2	3	2	1	0	*	*	1	1	13	4-6
Shan-tan	1600	0	*	1	1	1	1	0	0	*	*	0	*	5	3-5
Ting-hsin	1600	1	2	2	5	1	*	*	0	*	1	1	1	14	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lich-miao)	1400	4	4	7	10	8	3	3	2	4	7	5	3	60	4-6
Tun-huang	1500	*	*	2	1	1	1	*	0	0	0	0	0	5	4-6
Wen-ch'uan**	1400	*	1	3	6	6	2	1	1	1	2	1	*	24	4-6
Yin-ch'uan	1600	1	2	1	2	1	1	1	0	0	*	*	1	8	4-6
Yü-men	1500	5	5	5	7	5	*	2	1	1	2	3	5	40	4-6

See footnotes at end of table.

FIGURE 36. DAYS WITH SURFACE WIND ≥ 16 KNOTS AND NO PRECIPITATION (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	*	*	*	1	*	0	1	*	*	*	0	0	3	4-6
Ko-tse.....	1700	1	2	2	1	1	1	*	*	*	*	1	*	9	4-6
Lin-yü.....	1700	1	1	2	5	2	1	1	0	*	*	1	*	13	4-6
Lo-yang.....	1700	2	2	2	1	1	1	1	*	*	*	0	1	10	4-6
Peiping.....	1700	*	*	1	*	0	0	0	0	0	0	*	1	3	4-6
Shih-nen.....	1700	*	*	1	*	0	0	0	0	0	0	0	*	1	4-6
Shih-tao.....	1700	4	5	7	8	4	1	0	1	2	3	2	2	39	4-6
Süchow.....	1700	*	1	2	2	1	1	*	*	1	*	*	0	9	4-6
Tientsin.....	1700	1	*	*	2	1	*	0	0	0	0	*	*	5	4-6
Tsinan.....	1700	*	2	4	3	1	*	0	0	1	*	*	*	12	4-6
Tsingtao.....	1700	9	5	6	7	6	3	1	2	4	5	4	7	59	4-6
Central Highlands:															
An-k'ang.....	1900	0	0	0	0	*	*	0	*	0	0	0	0	1	4-6
Ch'ang-chih.....	1700	1	1	*	3	1	*	0	0	0	*	0	1	7	4-6
Dolon Nor.....	1700	4	3	7	11	9	2	1	*	4	2	3	2	48	4-6
Fu-shih.....	1900	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Hsi-feng-chen.....	1900	*	0	0	*	*	0	*	0	0	0	0	*	1	4-6
Kuei-sui.....	1900	*	*	1	1	*	*	*	0	0	1	*	1	5	4-6
Lan-chou.....	1900	0	*	1	0	0	*	*	0	0	0	*	0	2	4-6
Sian.....	1900	0	0	1	*	*	*	*	*	1	0	*	*	3	4-6
T'ai-yüan.....	1700	2	1	1	2	*	0	0	*	*	*	0	1	8	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	2	1	2	4	3	4	1	*	1	1	1	1	21	4-6
Wu-tu.....	1900	0	0	0	0	*	0	0	0	0	0	0	0	*	4-6
Yen Ch'ih.....	1900	0	1	1	*	1	*	1	*	0	0	*	*	5	4-6
Yü-lin.....	1900	*	*	*	1	1	0	*	0	*	*	0	*	3	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	*	1	1	2	2	2	2	1	*	0	*	1	12	4-6
Hsi-lin-hao-t'e (Pei- tsu-miao).....	1700	2	1	5	7	6	2	2	2	2	2	1	1	32	4-6
Hsing-hsing-hsia**.....	1800	1	1	2	3	4	3	2	3	2	1	1	1	23	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	7	3	10	15	11	7	4	3	5	5	5	3	80	4-6
O-chi-na-ch'i.....	1900	0	0	1	5	na	0	0	0	0	0	0	0	na	1
P'ang-pei.....	1900	1	*	1	2	3	2	1	1	*	1	1	0	11	4-6
Pan-ting-t'o-lo-kai.....	1900	*	0	1	5	9	10	6	5	0	1	0	1	38	1-3
Shan-pa.....	1900	1	*	1	2	1	*	0	0	*	0	*	1	6	4-6
Shan-tan.....	1900	*	0	*	1	1	*	*	0	*	0	0	*	4	4-6
Ting-hsin.....	1900	1	0	1	2	1	1	*	*	0	*	*	0	5	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	2	1	5	10	8	3	1	1	2	4	1	1	39	4-6
Tun-huang.....	1800	*	*	1	*	1	0	*	*	0	0	0	*	3	4-6
Wen-ch'üan**.....	1700	*	*	2	4	4	1	*	1	2	2	1	*	17	4-6
Yin-ch'uan.....	1900	*	1	*	1	0	*	*	0	0	*	*	1	3	4-6
Yü-men.....	1800	1	1	3	4	3	1	1	*	*	1	*	1	16	4-6

na Data not available.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 37. MEAN NUMBER OF DAYS WITH SURFACE WIND 3 TO 10 KNOTS, TEMPERATURE $>32^{\circ}$ F. BUT $<90^{\circ}$ F., AND NO PRECIPITATION OCCURRING AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	6	9	12	11	9	9	12	9	7	9	5	10	108	4-6
Ko-tse.....	2300	2	12	16	19	18	14	16	14	13	14	13	9	161	4-6
Lin-yü.....	2300	*	2	9	14	15	13	11	11	12	16	7	2	112	3-5
Lo-yang.....	2300	6	17	21	20	20	17	14	18	19	17	18	12	199	3-4
Peiping.....	2300	1	5	12	15	18	14	8	6	6	7	5	1	94	4-6
Shih-men.....	2300	2	8	15	17	16	12	10	5	9	8	9	4	114	4-6
Shih-tao.....	2300	4	6	11	11	13	13	14	13	10	12	10	6	121	3-5
Süchow.....	2300	4	11	15	16	19	17	17	17	14	16	11	10	168	3-5
Tientsin.....	2300	*	5	16	21	24	22	19	14	18	20	17	5	181	4-6
Tsinan.....	2300	4	9	17	17	19	17	14	18	19	20	15	8	175	4-6
Tsingtao.....	2300	6	8	12	11	12	13	15	20	17	18	15	10	156	4-6
Central Highlands:															
An-k'ang.....	0100	3	3	4	4	3	3	4	5	3	2	3	3	41	4-6
Chang-chih.....	2300	*	4	12	17	17	16	11	8	10	12	7	1	116	3-5
Dolon Nor.....	2300	0	*	2	10	17	11	11	11	13	7	2	0	83	4-6
Fu-shih.....	0100	0	2	11	20	20	19	13	13	21	15	5	*	139	4-6
Hsi-feng-chen.....	0100	*	4	16	22	21	21	21	19	18	18	9	1	170	4-6
Kuei-sui.....	0100	0	0	3	6	7	4	5	4	6	4	*	0	39	4-6
Lan-chou.....	0100	0	1	4	7	11	8	11	5	3	4	2	*	56	4-6
Sian.....	0100	2	7	14	14	14	15	13	10	9	11	11	7	125	4-6
T'ai-yüan.....	2300	1	2	15	16	16	15	12	12	9	9	6	1	113	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0100	0	*	2	5	12	11	8	9	8	4	1	0	61	4-2
Wu-tu.....	0100	4	4	8	7	5	7	9	6	3	3	4	4	63	4-6
Yen Ch'ih.....	0100	0	*	7	12	15	10	12	11	12	10	3	0	93	4-6
Yü-lin.....	0100	0	*	7	9	11	8	10	10	7	5	2	0	68	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	0	*	8	19	19	21	19	18	21	16	3	0	143	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	2300	0	0	*	9	14	14	15	14	12	10	2	0	88	4-6
Hsing-hsing-hsia**.....	0000	0	0	4	12	14	16	15	14	12	7	*	0	95	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	0	*	2	8	14	14	18	19	16	9	2	0	100	2-4
O-chi-na-ch'i.....	0100	0	0	10	21	na	na	23	26	21	15	4	0	na	1
P'ang-peï.....	0100	0	0	1	10	21	21	20	23	20	11	1	0	128	4-6
Pan-ting-t'o-lo-kai.....	0100	0	0	3	12	na	na	na	na	na	na	1	0	na	1
Shan-pa.....	0100	0	1	7	15	17	11	13	11	12	9	3	0	98	4-6
Shan-tan.....	0100	0	0	5	12	14	14	15	16	15	9	*	0	100	4-6
Ting-hsin.....	0100	0	*	9	16	17	16	15	17	13	14	3	0	120	4-6
Tung-wu-chu-mu- ch'in-ch'i.....	2300	0	0	1	7	11	16	15	16	13	8	1	0	87	4-6
Tun-huang.....	0000	0	2	11	16	17	12	9	12	11	9	4	0	102	4-6
Wen-ch'üan**.....	2300	0	0	*	3	4	7	6	7	4	3	1	0	35	3-5
Yin-ch'uan.....	0100	*	1	9	14	16	14	16	14	16	12	3	*	115	4-6
Yü-men.....	0000	0	0	7	19	22	22	19	22	23	17	2	0	154	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	4	8	9	10	10	7	9	8	9	7	6	7	93	4-6
Ko-tse.....	0500	1	5	14	18	18	18	18	10	14	16	12	4	149	4-6
Lin-yü.....	0500	0	1	4	13	14	16	11	12	12	16	7	1	105	4-6
Lo-yang.....	0500	2	8	16	18	18	16	13	12	13	13	11	4	142	3-4
Peiping.....	0500	*	1	5	7	6	5	5	4	5	5	7	1	50	4-6
Shih-men.....	0500	2	4	12	11	10	8	7	7	11	12	6	3	91	4-6
Shih-tao.....	0500	3	3	8	13	11	13	12	12	10	13	12	5	115	3-5
Süchow.....	0500	2	4	14	14	17	17	14	14	13	13	13	7	141	4-6
Tientsin.....	0500	0	3	14	21	23	21	16	15	17	18	13	2	162	4-6
Tsinan.....	0500	3	5	14	14	16	18	17	13	19	16	15	6	156	4-6
Tsingtao.....	0500	5	5	12	16	16	15	18	18	19	20	16	7	166	4-6

See footnotes at end of table.

FIGURE 37. DAYS WITH SURFACE WIND 3 TO 10 KNOTS, TEMPERATURE $>32^{\circ}$ F. BUT $<90^{\circ}$ F., AND NO PRECIPITATION (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	4	2	2	3	3	2	4	3	2	2	2	4	32	4-6
Ch'ang-chih.....	0500	*	1	5	11	11	10	5	3	4	4	2	1	56	4-6
Dolon Nor.....	0500	0	0	*	4	9	8	6	7	6	4	*	0	45	4-6
Fu-shih.....	0700	*	*	6	18	22	20	15	13	19	13	3	*	128	4-6
Hsi-feng-chen.....	0700	0	1	14	20	20	18	24	19	17	14	6	0	152	4-6
Kuei-sui.....	0700	0	0	2	8	11	8	8	5	6	4	1	*	54	4-6
Lan-chou.....	0700	0	*	3	6	5	4	5	4	2	1	1	0	29	4-6
Sian.....	0700	*	5	11	12	17	17	15	13	10	10	10	4	125	4-6
T'ai-yüan.....	0500	0	1	6	11	12	6	5	6	6	7	4	1	65	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0700	0	*	2	7	12	12	13	13	8	5	*	0	72	4-6
Wu-tu.....	0700	3	4	6	6	5	4	7	4	3	2	3	3	50	4-6
Yen Ch'ih.....	0700	0	0	6	10	10	13	13	10	11	7	2	0	82	4-6
Yü-lin.....	0700	0	*	4	9	14	10	11	13	9	7	3	0	79	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	0	*	4	16	16	20	20	20	21	17	2	0	134	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	0500	0	*	1	6	10	13	11	12	11	5	*	0	69	4-6
Hsing-hsing-hsia**.....	0600	0	0	1	6	11	12	15	10	10	3	0	0	68	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	0	0	1	5	11	17	20	18	16	7	1	0	95	4-6
O-chi-na-ch'i.....	0700	0	1	6	12	na	19	24	27	22	8	1	0	na	1
P'ang-peï.....	0700	0	0	1	9	15	17	19	21	18	8	1	0	107	4-6
Pan-ting-t'o-lo-kai.....	0700	0	0	2	7	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0700	0	0	2	15	17	13	16	14	15	9	1	0	102	4-6
Shan-tan.....	0700	0	0	1	10	18	16	16	15	17	7	*	0	100	4-6
Ting-hsin.....	0700	0	0	3	15	19	17	18	19	17	9	0	0	117	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	0500	0	0	*	3	9	13	13	14	9	4	*	0	66	4-6
Tun-huang.....	0600	0	1	6	12	15	12	8	11	8	7	2	*	82	4-6
Wen-ch'üan**.....	0500	0	0	0	3	6	8	7	6	5	2	*	0	37	3-6
Yin-ch'uan.....	0700	*	*	5	14	20	19	14	10	10	10	2	*	103	4-6
Yü-men.....	0600	0	0	5	15	21	22	20	22	24	15	1	0	144	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	8	13	15	14	18	13	7	15	19	16	13	15	167	4-6
Ko-tse.....	1100	11	15	18	16	19	15	13	17	19	18	16	13	188	4-6
Lin-yü.....	1100	3	7	13	14	15	17	20	22	19	18	13	6	167	4-6
Lo-yang.....	1100	11	16	18	18	20	14	14	17	18	19	15	12	191	4-6
Peiping.....	1100	4	9	16	15	17	15	9	11	13	11	12	5	137	4-6
Shih-men.....	1100	9	13	19	20	19	14	12	10	16	15	12	6	165	4-6
Shih-tao.....	1100	7	11	14	12	15	16	17	18	17	17	15	12	171	4-6
Süchow.....	1100	12	16	17	16	18	17	13	17	19	20	20	16	200	4-6
Tientsin.....	1100	5	11	18	16	20	22	19	22	22	21	17	10	203	4-6
Tsinan.....	1100	7	12	15	13	14	12	13	17	19	16	16	10	164	4-6
Tsingtao.....	1100	7	8	16	11	16	15	17	17	18	15	17	11	167	4-6
Central Highlands:															
An-k'ang.....	1300	8	10	11	12	12	7	5	5	12	9	7	9	106	4-6
Ch'ang-chih.....	1100	1	6	11	15	16	16	11	11	12	9	7	3	120	4-6
Dolon Nor.....	1100	0	*	4	6	9	12	16	14	14	8	2	*	84	4-6
Fu-shih.....	1300	7	19	22	22	21	16	14	15	20	17	17	13	202	4-6
Hsi-feng-chen.....	1300	6	11	18	17	20	19	21	23	21	19	16	12	204	4-6
Kuei-sui.....	1300	*	6	14	14	19	17	20	19	16	18	11	1	154	4-6
Lan-chou.....	1300	1	7	14	16	15	15	15	12	9	7	6	1	118	4-6
Sian.....	1300	13	13	16	17	17	11	9	10	20	17	16	18	176	4-6
T'ai-yüan.....	1100	1	8	19	20	20	20	18	17	19	16	13	4	175	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1300	0	3	12	10	11	13	17	19	16	17	9	1	126	4-6
Wu-tu.....	1300	13	14	15	17	15	12	12	10	15	13	14	15	165	4-6
Yen Ch'ih.....	1300	4	8	14	14	19	18	17	19	20	17	10	8	169	4-6
Yü-lin.....	1300	2	10	16	13	18	15	15	19	20	21	14	8	169	4-6

See footnotes at end of table.

FIGURE 37. DAYS WITH SURFACE WIND 3 TO 10 KNOTS, TEMPERATURE $>32^{\circ}$ F. BUT $<90^{\circ}$ F., AND NO PRECIPITATION (Continued)

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Northern Plateau:															
Chi-lan-t'ai	1300	1	7	14	15	16	12	11	15	19	19	11	4	142	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	0	0	6	8	10	15	18	17	15	10	2	0	101	4-6
Hsing-hsing-hsia**	1200	*	5	16	16	15	17	18	19	19	19	9	3	155	4-6
Hsi-su-ni-t'e-wang-fu	1100	0	1	7	6	9	14	15	15	13	10	3	*	93	4-6
O-chi-na-ch'i	1300	2	5	21	14	na	9	13	8	19	24	14	9	na	1
P'ang-pei	1300	0	2	9	8	11	15	15	16	15	13	5	*	110	4-6
Pan-ting-t'o-lo-kai	1300	0	7	13	14	na	na	na	na	na	na	10	0	na	1
Shan-pa	1300	*	5	16	13	16	15	18	17	16	17	9	3	147	4-6
Shan-tan	1300	4	8	15	16	17	17	17	15	18	15	13	6	160	4-6
Ting-hsin	1300	1	10	18	16	21	16	15	19	19	20	14	5	173	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	0	*	3	7	8	13	17	17	12	10	1	0	88	4-6
Tun-huang	1200	1	12	20	20	18	18	13	17	20	20	14	6	178	4-6
Wen-ch'üan**	1100	0	0	2	9	13	19	17	15	13	10	2	*	100	4-6
Yin-ch'uan	1300	2	11	19	19	20	17	19	19	19	19	12	7	183	4-6
Yü-men	1200	1	6	10	10	15	18	21	20	18	17	8	4	148	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	15	15	18	17	15	10	5	12	18	19	19	16	178	4-6
Ko-tse	1400	13	14	14	15	12	10	9	12	19	19	16	16	170	4-6
Lin-yü	1400	4	8	12	10	14	12	19	20	17	16	15	8	154	4-6
Lo-yang	1400	13	14	17	18	14	8	7	10	19	20	19	17	176	4-6
Peiping	1400	9	13	18	16	21	14	12	14	19	16	15	9	175	4-6
Shih-men	1400	12	17	21	22	18	11	11	11	20	16	17	14	190	4-6
Shih-tao	1400	7	9	11	10	12	18	18	19	16	14	14	11	158	4-6
Süchow	1400	15	16	17	14	16	13	9	14	20	22	20	18	192	4-6
Tientsin	1400	9	17	17	16	19	16	16	21	20	21	17	15	204	4-6
Tsinan	1400	10	13	14	14	14	10	8	14	19	18	15	15	164	4-6
Tsingtao	1400	8	10	11	8	9	10	11	14	16	17	15	12	142	4-6
Central Highlands:															
An-k'ang	1600	7	9	12	11	9	7	4	5	7	7	7	7	91	4-6
Ch'ang-chih	1400	6	12	16	16	18	16	13	18	16	16	14	7	168	4-6
Dolon Nor	1400	*	1	4	6	7	12	15	16	12	8	4	1	87	4-6
Fu-shih	1600	9	18	20	21	19	16	15	15	17	16	16	11	191	4-6
Hsi-feng-chen	1600	7	13	19	17	20	19	21	22	19	18	16	11	200	4-6
Kuei-sui	1600	*	5	14	14	19	19	16	16	17	17	7	*	144	4-6
Lan-chou	1600	3	8	17	15	16	15	11	13	11	9	11	3	132	4-6
Sian	1600	13	13	17	18	19	8	7	9	15	13	17	14	162	4-6
T'ai-yüan	1400	8	15	21	18	19	18	16	20	22	22	18	14	210	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u)	1600	0	3	9	10	12	12	15	17	16	17	6	0	116	4-6
Wu-tu	1600	10	13	17	14	16	15	9	11	13	12	11	8	149	4-6
Yen Ch'ih	1600	5	9	16	15	17	15	17	19	18	16	14	9	170	4-6
Yü-lin	1600	3	12	16	14	14	15	14	18	17	18	14	5	160	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	2	7	14	17	12	11	9	11	16	20	14	7	139	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	0	1	7	7	11	15	15	18	15	12	4	0	104	4-6
Hsing-hsing-hsia**	1500	*	6	14	14	15	13	17	16	17	17	10	3	143	4-5
Hsi-su-ni-t'e-wang-fu	1400	*	2	6	6	11	9	13	15	11	11	3	1	88	4-6
O-chi-na-ch'i	1600	3	7	17	15	na	na	10	8	18	16	18	13	na	1
P'ang-pei	1600	0	1	8	10	13	11	11	16	15	15	6	0	106	4-6
Pan-ting-t'o-lo-kai	1600	0	10	8	16	na	na	na	7	11	17	7	0	na	1
Shan-pa	1600	*	4	17	15	18	12	15	18	17	18	13	5	153	4-6
Shan-tan	1600	4	10	18	18	17	15	14	14	19	21	15	8	175	3-5
Ting-hsin	1600	4	13	17	15	17	18	10	16	21	21	16	7	175	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	0	*	5	8	10	13	16	15	11	12	3	0	93	4-6
Tun-huang	1500	5	15	19	20	20	14	6	9	18	21	15	9	170	4-6
Wen-ch'üan**	1400	0	0	3	7	10	16	18	16	13	11	3	0	97	4-6
Yin-ch'uan	1600	4	10	18	17	20	17	17	18	16	15	12	6	168	4-6
Yü-men	1500	2	6	11	12	16	19	17	21	17	16	11	4	152	4-6

See footnotes at end of table.

FIGURE 37. DAYS WITH SURFACE WIND 3 TO 10 KNOTS, TEMPERATURE $>32^{\circ}$ F. BUT $<90^{\circ}$ F., AND NO PRECIPITATION (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hain-yang.....	1700	17	18	19	18	15	11	7	9	21	21	19	21	196	4-6
Ko-tse.....	1700	15	16	19	17	14	11	8	12	20	19	17	14	181	4-6
Lin-yü.....	1700	3	5	14	13	17	17	21	21	22	22	16	7	177	4-6
Lo-yang.....	1700	16	14	15	16	13	7	6	10	19	17	16	17	164	4-6
Peiping.....	1700	7	14	18	19	18	16	11	16	21	18	12	5	174	4-6
Shih-men.....	1700	10	18	21	20	17	8	9	10	18	17	13	8	170	4-6
Shih-tao.....	1700	5	9	12	11	16	16	18	19	19	19	16	11	170	4-6
Süchow.....	1700	16	17	16	15	16	12	10	15	20	21	18	18	194	4-6
Tientsin.....	1700	7	16	20	16	19	17	16	22	23	22	18	9	204	4-6
Tsinan.....	1700	11	15	15	14	15	12	9	16	22	22	19	15	185	4-6
Tsingtao.....	1700	7	7	8	6	11	8	13	17	16	16	14	12	134	4-6
Central Highlands:															
An-k'ang.....	1900	4	5	8	5	5	8	7	7	5	3	3	5	66	4-6
Ch'ang-chih.....	1700	5	13	15	14	15	18	16	16	15	16	14	9	166	4-6
Dolon Nor.....	1700	*	1	5	6	8	12	16	16	15	13	5	*	98	4-6
Fu-shih.....	1900	1	8	15	12	15	11	9	8	11	10	11	3	114	4-6
Hai-feng-chen.....	1900	3	7	18	22	22	22	21	18	18	15	12	4	182	4-6
Kuei-sui.....	1900	*	1	8	13	15	15	11	9	8	6	3	0	89	4-6
Lan-chou.....	1900	*	6	11	13	17	15	13	11	12	7	6	*	109	4-6
Sian.....	1900	6	9	13	15	15	15	10	13	11	10	13	8	136	4-6
T'ai-yüan.....	1700	6	12	19	17	18	15	12	16	21	20	15	8	179	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1900	0	1	7	17	18	16	19	18	15	9	1	0	119	4-6
Wu-tu.....	1900	8	12	17	12	14	15	13	14	10	11	6	6	136	4-6
Yen Ch'ih.....	1900	*	5	17	19	17	19	20	19	17	18	10	1	162	4-6
Yü-lin.....	1900	*	3	16	17	22	18	20	18	15	11	6	1	146	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	1	4	17	21	20	15	12	17	21	20	9	*	157	4-6
Hai-lin-hao-t'e (Pei-tzu- miao).....	1700	0	1	7	9	10	12	16	15	17	18	5	*	112	4-6
Hsing-hsing-hsia**.....	1800	0	2	15	15	14	15	18	16	19	19	2	0	135	4-6
Hai-su-ni-t'e-wang-fu.....	1700	0	1	7	7	12	13	13	13	14	12	7	1	98	4-6
O-chi-na-ch'i.....	1900	0	6	11	20	na	na	16	11	24	13	11	1	na	1
P'ang-pei.....	1900	0	1	8	18	19	18	21	21	22	18	2	0	149	4-6
Pan-ting-t'o-lo-kai.....	1900	0	3	15	14	10	7	4	11	20	22	7	0	112	1-3
Shan-pa.....	1900	*	3	11	18	20	16	17	14	10	13	6	*	127	4-6
Shan-tan.....	1900	0	4	13	17	18	17	15	16	16	11	4	0	132	4-6
Ting-hsin.....	1900	1	5	19	18	21	18	20	20	19	20	9	1	171	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	1700	0	*	4	9	9	14	14	14	14	11	3	0	92	4-6
Tun-huang.....	1800	*	10	16	15	15	12	9	9	12	10	9	1	117	4-6
Wen-ch'üan**.....	1700	0	*	3	9	12	17	16	16	15	9	1	0	97	4-6
Yin-ch'uan.....	1900	*	3	15	15	16	15	15	12	9	10	8	1	119	4-6
Yü-men.....	1800	0	3	15	14	16	19	18	20	18	23	8	*	154	4-6

na Data not available.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 38. MEAN NUMBER OF DAYS WITH CEILING* $\leq 1,000$ FEET, VISIBILITY $\leq 2\frac{1}{2}$ MILES, AND SURFACE WIND ≥ 10 KNOTS AT SPECIFIED HOURS

REGION AND STATION	HOURLY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	2300	28	26	27	28	28	29	29	30	28	28	25	26	331	4-6
Ko-tse.....	2300	28	23	25	27	28	27	29	31	29	29	25	26	328	4-6
Lin-yü.....	2300	27	23	26	26	28	27	29	30	29	29	26	26	326	3-5
Lo-yang.....	2300	28	25	29	28	28	27	28	29	28	29	28	29	335	3-4
Peiping.....	2300	25	25	28	27	30	29	30	31	29	30	26	24	333	4-6
Shih-men.....	2300	29	27	30	29	31	29	30	31	30	31	29	29	354	4-6
Shih-tao.....	2300	20	16	20	18	22	21	20	25	24	24	23	24	259	3-5
Süchow.....	2300	27	25	24	25	26	25	28	28	27	29	25	26	315	3-5
Tientsin.....	2300	24	24	25	25	27	28	30	29	29	29	26	25	322	4-6
Tsinan.....	2300	24	20	23	22	25	26	29	29	28	28	24	22	301	4-6
Tsingtao.....	2300	18	13	14	14	15	12	14	22	21	21	18	16	198	4-6
Central Highlands:															
An-k'ang.....	0100	31	27	30	29	30	29	29	29	29	30	29	29	353	4-6
Ch'ang-chih.....	2300	29	26	29	28	30	29	30	31	30	30	28	30	350	3-5
Dolon Nor.....	2300	20	22	25	24	27	28	29	30	27	28	26	23	311	4-6
Fu-shih.....	0100	29	27	31	30	30	30	31	31	30	31	30	31	359	4-6
Hsi-feng-chen.....	0100	29	26	29	27	29	29	31	30	28	30	28	30	344	4-6
Kuei-sui.....	0100	27	26	28	28	30	29	31	30	30	31	28	29	346	4-6
Lan-chou.....	0100	23	25	28	28	30	30	31	31	30	30	29	21	335	4-6
Sian.....	0100	24	23	26	26	27	26	27	28	26	25	26	27	311	4-6
T'ai-yüan.....	2300	29	26	28	26	27	28	29	29	30	29	28	29	337	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0100	28	24	26	24	27	25	29	29	28	29	27	27	320	4-6
Wu-tu.....	0100	31	28	31	27	30	28	30	30	29	30	30	31	355	4-6
Yen Ch'ih.....	0100	26	24	26	27	27	26	29	29	29	29	27	27	327	4-6
Yü-lin.....	0100	31	27	29	27	30	29	30	30	29	29	29	29	349	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0100	27	25	25	27	26	27	28	29	28	29	28	27	324	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	2300	26	25	26	25	25	26	28	28	27	29	27	27	320	4-6
Hsing-hsing-hsia**.....	0000	27	24	24	22	22	24	23	23	24	28	27	28	295	4-6
Hsi-su-ni-t'e-wang-fu.....	2300	14	15	18	16	21	21	26	27	22	18	15	13	225	2-4
O-chi-na-ch'i.....	0100	29	26	26	29	na	na	29	30	28	29	30	31	na	1
P'ang-pei.....	0100	24	23	25	21	25	25	27	29	27	26	25	25	302	4-6
Pan-ting-t'o-lo-kai.....	0100	30	25	22	27	na	na	na	na	na	na	28	25	na	1
Shan-pa.....	0100	27	26	28	26	28	28	29	30	29	30	28	29	339	4-6
Shan-tan.....	0100	30	27	28	27	28	29	29	29	29	31	30	31	348	4-6
Ting-hsin.....	0100	28	26	29	27	28	28	30	29	28	30	28	28	337	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	2300	26	25	26	22	24	28	28	28	27	26	24	26	310	4-6
Tun-huang.....	0000	30	28	28	28	29	30	30	29	29	30	29	30	350	4-6
Wen-ch'üan**.....	2300	29	27	26	24	26	29	28	29	27	27	26	29	325	3-5
Yin-ch'uan.....	0100	30	27	29	28	29	29	30	31	29	30	29	30	351	4-6
Yü-men.....	0000	22	22	24	24	26	27	29	28	27	29	25	24	309	4-6
Eastern Plain and Hills:															
Hsin-yang.....	0500	26	24	25	26	27	28	29	30	27	27	25	26	322	4-6
Ko-tse.....	0500	26	24	26	28	29	28	30	30	28	28	25	27	328	4-6
Lin-yü.....	0500	26	23	25	25	27	28	29	30	29	29	28	28	328	4-6
Lo-yang.....	0500	26	26	28	28	30	28	29	30	29	29	28	26	337	3-4
Peiping.....	0500	24	24	27	28	29	29	27	29	27	28	28	24	323	4-6
Shih-men.....	0500	28	27	29	28	29	30	31	29	29	30	28	28	345	4-6
Shih-tao.....	0500	20	17	18	19	20	19	18	24	25	23	24	23	250	3-5
Süchow.....	0500	25	23	24	23	25	24	24	27	26	29	25	25	300	4-6
Tientsin.....	0500	25	24	26	27	28	27	26	29	28	28	25	24	317	4-6
Tsinan.....	0500	25	23	23	21	23	26	27	29	28	28	24	24	299	4-6
Tsingtao.....	0500	17	15	17	17	18	11	15	20	23	23	19	18	211	4-6

See footnotes at end of table.

FIGURE 33. DAYS WITH CEILING* $\leq$ 1,000 FEET, VISIBILITY $\leq$ 2½ MILES, AND SURFACE WIND $\leq$ 10 KNOTS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	0700	29	27	29	29	31	28	31	30	28	28	24	27	340	4-6
Ch'ang-chih.....	0500	29	27	29	28	30	30	29	30	29	30	28	30	349	4-6
Dolon Nor.....	0500	23	22	23	23	27	27	29	30	28	28	26	24	310	4-6
Fu-shih.....	0700	30	27	29	29	31	29	29	25	26	26	29	30	339	4-6
Hsi-feng-chen.....	0700	28	25	28	26	28	28	30	28	27	27	27	27	329	4-6
Kuei-sui.....	0700	27	25	28	27	30	28	30	31	29	30	28	27	339	4-6
Lan-chou.....	0700	23	24	28	27	30	28	30	30	29	28	27	18	319	4-6
Sian.....	0700	18	16	18	19	25	25	24	25	18	17	17	16	238	4-6
T'ai-yüan.....	0500	29	27	29	29	30	30	30	29	29	29	29	29	347	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	0700	27	24	27	23	22	25	27	28	27	29	27	28	313	4-6
Wu-tu.....	0700	31	28	31	29	30	29	31	31	29	31	30	31	359	4-6
Yen Ch'ih.....	0700	27	24	27	25	22	26	27	29	29	29	27	27	316	4-6
Yü-lin.....	0700	30	27	30	27	28	27	28	29	29	28	29	30	341	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	26	24	25	25	20	26	25	25	27	29	26	26	304	4-6
Hsi-lin-hao-t'e (Pei-tzu- miao).....	0500	26	25	27	25	25	27	29	29	27	28	26	25	319	4-6
Hsing-hsing-hsia**.....	0600	27	21	24	20	18	19	23	21	23	27	27	26	276	4-6
Hsi-su-ni-t'e-wang-fu.....	0500	14	13	17	13	15	22	24	25	22	19	15	15	212	4-6
O-chi-na-ch'i.....	0700	28	26	28	20	na	20	26	27	28	31	27	30	na	1
P'ang-pei.....	0700	24	23	25	17	18	21	24	28	24	24	25	27	278	4-6
Pan-ting-t'o-lo-kai.....	0700	30	24	28	22	na	na	na	na	na	na	23	28	na	1
Shan-pa.....	0700	28	26	28	26	25	28	31	30	29	30	27	29	336	4-6
Shan-tan.....	0700	30	27	29	28	29	28	30	30	30	30	29	30	350	4-6
Ting-hsin.....	0700	27	25	27	26	27	28	29	30	29	30	27	28	332	4-6
Tung-wu-chu-mu-ch'in- ch'i (La-ma-k'u-lieh- miao).....	0500	24	24	26	21	24	27	28	28	27	26	23	26	303	4-6
Tun-huang.....	0600	30	27	30	29	29	30	29	30	30	30	29	29	353	4-6
Wen-ch'üan**.....	0500	30	27	27	26	28	29	29	28	27	27	27	29	332	3-6
Yin-ch'uan.....	0700	29	26	30	27	28	29	31	30	30	30	29	30	349	4-6
Yü-men.....	0600	23	23	25	25	25	28	29	30	29	29	26	24	313	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1100	23	23	22	21	25	26	24	27	26	27	23	25	293	4-6
Ko-tse.....	1100	21	19	20	20	23	24	27	28	25	24	23	23	276	4-6
Lin-yü.....	1100	20	18	18	15	16	21	25	28	24	22	23	24	253	4-6
Lo-yang.....	1100	22	23	25	24	27	26	27	29	27	28	25	25	307	4-6
Peiping.....	1100	21	23	24	26	28	29	30	30	28	25	25	20	306	4-6
Shih-men.....	1100	26	26	27	27	29	28	30	30	29	29	25	25	331	4-6
Shih-tao.....	1100	17	17	15	13	16	17	21	23	20	20	18	19	214	4-6
Süchow.....	1100	20	20	18	18	23	22	22	26	23	23	23	23	261	4-6
Tientsin.....	1100	17	19	21	19	23	26	28	28	25	26	20	19	270	4-6
Tsinan.....	1100	18	17	17	17	18	21	25	27	26	22	20	19	247	4-6
Tsingtao.....	1100	15	13	17	12	16	15	18	20	20	20	19	16	201	4-6
Central Highlands:															
An-k'ang.....	1300	29	27	29	29	29	28	30	29	29	30	29	30	348	4-6
Ch'ang-chih.....	1100	26	25	26	24	26	27	30	31	28	29	28	27	326	4-6
Dolon Nor.....	1100	15	17	16	10	12	21	26	26	19	18	15	17	210	4-6
Fu-shih.....	1300	30	27	29	27	29	29	31	31	30	31	29	30	352	4-6
Hsi-feng-chen.....	1300	26	24	25	23	26	27	28	30	28	28	26	27	316	4-6
Kuei-sui.....	1300	28	23	24	18	22	24	29	30	26	28	25	27	302	4-6
Lan-chou.....	1300	19	24	29	28	29	29	30	30	30	31	28	18	322	4-6
Sian.....	1300	23	21	24	24	24	27	28	26	26	28	26	25	301	4-6
T'ai-yüan.....	1100	23	24	26	24	27	28	29	30	27	28	26	25	318	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai-liu- t'u).....	1300	21	17	16	12	14	17	21	23	19	20	19	23	221	4-6
Wu-tu.....	1300	31	27	29	27	28	28	28	29	28	30	29	31	344	4-6
Yen Ch'ih.....	1300	22	17	20	17	22	23	25	27	26	24	19	20	262	4-6
Yü-lin.....	1300	25	22	21	17	23	23	27	27	25	27	24	27	287	4-6

See footnotes at end of table.

FIGURE 38. DAYS WITH CEILING* $\leq 1,000$ FEET, VISIBILITY $\geq 2\frac{1}{2}$ MILES, AND SURFACE WIND ≤ 10 KNOTS (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Northern Plateau:															
Chi-lan-t'ai	1300	20	16	19	19	19	21	23	22	23	23	18	19	240	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1100	21	21	20	12	14	20	24	25	21	19	18	22	235	4-6
Hsing-hsing-hsia**	1200	26	20	22	19	18	19	21	24	23	26	23	27	268	4-6
Hsi-su-ni-t'e-wang-fu	1100	8	11	14	7	12	19	19	22	15	12	11	12	161	4-6
O-chi-na-ch'i	1300	23	19	27	15	na	24	26	20	21	28	20	24	na	1
P'ang-pei	1300	17	16	14	9	13	20	22	20	16	16	16	19	197	4-6
Pan-ting-t'o-lo-kai	1300	23	18	17	19	na	na	na	na	na	na	15	18	na	1
Shan-pa	1300	25	20	24	20	20	25	28	29	28	25	24	26	292	4-6
Shan-tan	1300	29	26	27	23	27	27	29	29	28	30	29	30	332	4-6
Ting-hsin	1300	18	20	21	21	24	24	28	28	25	26	22	21	280	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1100	21	20	16	11	10	21	25	23	18	17	17	22	219	4-6
Tun-huang	1200	28	25	25	24	26	28	29	29	29	29	26	27	324	4-6
Wen-ch'ian**	1100	29	25	23	16	17	24	27	23	21	18	24	29	275	4-6
Yin-ch'uan	1300	29	26	27	25	26	25	29	29	29	29	27	28	329	4-6
Yü-men	1200	14	15	14	13	17	20	23	22	19	21	16	15	207	4-6
Eastern Plain and Hills:															
Hsin-yang	1400	23	22	21	23	25	26	24	27	25	27	24	24	290	4-6
Ko-tse	1400	20	17	18	19	22	23	25	29	25	24	21	22	265	4-6
Lin-yü	1400	16	16	15	11	14	14	23	25	20	19	20	20	215	4-6
Lo-yang	1400	21	22	22	22	26	24	27	29	26	27	25	24	293	4-6
Peiping	1400	22	22	25	21	28	28	30	31	29	28	24	24	310	4-6
Shih-men	1400	26	26	28	26	29	29	30	30	29	30	28	28	339	4-6
Shih-tao	1400	13	12	12	11	15	19	20	22	18	17	17	18	194	4-6
Süchow	1400	21	20	19	17	20	20	23	25	26	26	24	23	262	4-6
Tientsin	1400	18	21	18	17	23	25	28	29	25	26	20	23	273	4-6
Tsinan	1400	19	17	17	17	20	24	26	28	25	22	20	22	257	4-6
Tsingtao	1400	14	13	12	8	11	10	13	17	18	18	17	16	166	4-6
Central Highlands:															
An-k'ang	1600	30	27	30	28	29	27	29	28	27	30	29	30	343	4-6
Ch'ang-chih	1400	25	22	22	20	24	25	26	30	28	29	27	27	303	4-6
Dolon Nor	1400	12	11	9	8	11	18	22	24	16	13	12	15	171	4-6
Fu-shih	1600	31	26	28	26	29	28	30	31	29	31	30	31	349	4-6
Hsi-feng-chen	1600	27	25	25	22	26	27	27	30	27	28	27	28	319	4-6
Kuei-sui	1600	27	23	23	17	23	27	27	30	26	28	26	27	303	4-6
Lan-chou	1600	25	26	28	25	28	27	29	30	30	30	29	23	331	4-6
Sian	1600	26	22	25	23	28	25	24	25	25	29	28	26	306	4-6
T'ai-yüan	1400	26	22	25	21	23	27	29	30	28	28	27	26	312	4-6
Wu-la-t'e-chung-hou-lien-ho-ch'i (Hailiu-t'u)	1600	22	16	14	11	13	15	20	22	19	20	18	22	212	4-6
Wu-tu	1600	30	25	26	24	27	27	25	28	27	28	28	31	324	4-6
Yen Ch'ih	1600	23	18	20	17	22	23	25	28	26	24	22	23	272	4-6
Yü-lin	1600	26	21	21	18	19	24	26	28	26	27	28	28	291	4-6
Northern Plateau:															
Chi-lan-t'ai	1600	21	16	18	18	18	19	22	21	21	24	22	21	239	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao)	1400	14	15	15	9	13	19	22	24	18	15	13	18	194	4-6
Hsing-hsing-hsia**	1500	25	19	20	17	17	16	20	19	20	22	22	25	242	4-5
Hsi-su-ni-t'e-wang-fu	1400	10	11	11	8	13	14	19	20	13	13	9	11	151	4-6
O-chi-na-ch'i	1600	25	16	23	16	na	na	25	22	23	24	20	26	na	1
P'ang-pei	1600	21	17	15	10	15	17	19	22	16	17	22	26	217	4-6
Pan-ting-t'o-lo-kai	1600	21	15	13	21	na	na	na	15	17	20	17	20	na	1
Shan-pa	1600	23	19	23	19	21	22	29	28	26	28	28	28	295	4-6
Shan-tan	1600	28	24	24	22	26	25	28	26	28	28	28	30	316	3-5
Ting-hsin	1600	20	20	22	18	22	27	27	28	26	26	22	22	282	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao)	1400	16	16	13	10	12	20	20	22	14	14	14	19	189	4-6
Tun-huang	1500	28	24	25	23	25	28	29	29	29	30	28	28	325	4-6
Wen-ch'ian**	1400	28	24	20	13	14	22	26	23	19	15	19	27	248	4-6
Yin-ch'uan	1600	28	24	26	23	26	27	29	30	29	29	28	29	330	4-6
Yü-men	1500	14	13	15	14	17	21	21	25	19	19	16	15	208	4-6

See footnotes at end of table.

FIGURE 38. DAYS WITH CEILING* $\leq 1,000$ FEET, VISIBILITY $\leq 2\frac{1}{2}$ MILES, AND SURFACE WIND ≤ 10 KNOTS (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	1700	24	23	24	25	26	27	25	28	27	28	25	28	309	4-6
Ko-tse.....	1700	26	21	22	22	25	26	26	29	26	28	26	27	303	4-6
Lin-yü.....	1700	26	20	20	15	19	20	25	26	26	26	25	27	275	4-6
Lo-yang.....	1700	22	18	21	21	25	25	25	27	26	26	26	24	286	4-6
Peiping.....	1700	24	23	25	22	26	28	30	31	30	30	27	23	319	4-6
Shih-men.....	1700	29	27	27	24	28	28	30	31	29	30	29	29	341	4-6
Shih-tao.....	1700	18	13	14	12	17	19	20	24	22	22	22	23	226	4-6
Süchow.....	1700	24	23	20	18	22	21	24	25	26	29	28	27	286	4-6
Tientsin.....	1700	24	24	22	17	23	25	28	30	28	29	26	26	300	4-6
Tainan.....	1700	25	19	17	18	21	24	25	28	27	27	26	27	284	4-6
Tsingtao.....	1700	13	11	8	7	11	8	14	19	18	18	17	17	161	4-6
Central Highlands:															
An-k'ang.....	1900	30	27	30	29	31	27	30	29	28	30	29	30	351	4-6
Ch'ang-chih.....	1700	26	22	22	17	21	25	27	29	27	29	28	29	302	4-6
Dolon Nor.....	1700	20	14	11	8	10	17	22	25	19	17	20	23	205	4-6
Fu-shih.....	1900	31	26	31	29	30	29	31	30	30	30	29	31	356	4-6
Hsi-feng-chen.....	1900	29	26	29	26	29	29	29	30	29	29	28	29	342	4-6
Kuei-sui.....	1900	26	26	26	26	29	28	30	30	29	29	27	27	334	4-6
Lan-chou.....	1900	22	27	26	26	27	26	28	30	29	30	27	20	317	4-6
Sian.....	1900	26	25	26	26	28	28	29	28	27	27	27	27	325	4-6
T'ai-yüan.....	1700	25	21	22	19	24	26	28	30	27	28	26	27	305	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	1900	26	23	24	22	20	19	25	27	26	27	25	27	290	4-6
Wu-tu.....	1900	31	26	27	24	27	27	26	28	27	30	29	31	331	4-6
Yen Ch'ih.....	1900	28	25	26	25	26	27	27	29	29	28	27	28	325	4-6
Yü-lin.....	1900	29	26	27	25	28	27	27	30	29	29	29	30	335	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1900	28	24	24	23	22	19	19	24	26	28	27	28	291	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1700	18	19	13	11	13	17	21	22	22	23	25	24	228	4-6
Hsing-hsing-hsia**.....	1800	27	24	23	18	16	16	20	18	22	28	28	28	268	4-6
Hsi-su-ni-t'e-wang-fu.....	1700	15	14	12	8	13	15	18	19	16	14	19	19	183	4-6
O-chi-na-ch'i.....	1900	30	25	27	22	na	na	25	25	28	28	29	30	na	1
P'ang-pei.....	1900	26	23	25	23	22	22	25	27	26	26	27	28	298	4-6
Pan-ting-t'o-lo-kai.....	1900	27	24	22	18	11	10	12	19	29	28	26	29	255	1-3
Shan-pa.....	1900	26	26	28	25	27	27	29	30	29	30	28	29	334	4-6
Shan-tan.....	1900	30	27	27	24	27	27	28	29	29	30	29	30	337	4-6
Ting-hsin.....	1900	26	24	27	23	25	26	28	29	29	29	27	27	319	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1700	23	22	14	10	11	18	19	22	17	15	24	26	220	4-6
Tun-huang.....	1800	30	26	28	25	26	29	30	30	30	30	29	30	343	4-6
Wen-ch'üan**.....	1700	28	24	20	15	16	23	28	24	23	24	25	28	278	4-6
Yin-ch'uan.....	1900	29	26	29	27	29	29	30	31	29	30	29	30	347	4-6
Yü-men.....	1800	23	21	23	18	20	23	25	25	25	28	24	24	277	4-6

na Data not available.

* Ceiling herein is defined as ≤ 5 -eighths cloud cover.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 39. MEAN DAILY MAXIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	41	46	62	75	87	96	94	89	84	76	57	48	71	5
Chefoo.....	35	37	47	62	74	82	84	85	78	68	54	41	62	29
Ch'ing-yüan.....	34	42	55	70	83	91	91	88	81	71	52	39	66	19
Hsin-yang.....	44	51	58	70	77	87	93	90	81	72	58	48	69	4-6
Ko-tse.....	39	47	57	69	79	89	90	87	81	69	54	43	67	4-6
Lin-yü.....	31	36	46	60	72	79	83	83	77	64	47	35	59	4-6
Lo-yang.....	43	51	59	73	81	91	91	89	82	71	56	46	69	4-6
Pang-fou*.....	42	45	54	71	80	90	89	90	83	72	61	47	69	4
Peiping.....	35	40	53	69	80	89	89	87	80	69	50	38	65	29
Shih-men.....	38	42	59	73	84	93	90	87	82	72	53	44	68	8
Shih-tao.....	35	39	46	57	68	73	80	82	76	67	53	42	60	4-6
Süchow.....	40	49	58	69	78	87	90	88	80	71	57	44	68	4-6
Tientsin.....	34	39	52	68	81	88	90	88	80	68	50	37	64	37
Tsinan.....	39	44	57	72	84	92	92	89	82	73	57	43	69	31
Tsingtao.....	36	39	47	58	68	75	80	84	78	68	54	41	61	48
Central Highlands:														
An-k'ang.....	47	53	62	72	78	88	92	92	82	70	58	49	70	4-6
Ch'ang-chih.....	34	42	52	66	74	82	84	80	74	62	48	38	61	4-6
Ching-yüan.....	37	42	56	69	78	84	88	84	74	63	49	36	63	12
Dolon Nor.....	10	20	35	53	65	74	77	73	65	53	33	14	48	4-6
Fu-shih.....	34	45	56	68	75	85	86	81	75	63	50	39	63	4-6
Hai-feng-chen.....	31	39	49	61	67	77	80	75	68	56	44	35	57	4-6
Kuei-sui.....	24	31	46	60	73	82	83	81	72	59	40	28	57	14
Lan-chou.....	36	43	54	67	77	82	85	82	72	62	48	37	62	19
Nan-cheng.....	44	49	59	70	80	85	88	87	75	67	55	46	67	10
Sian.....	41	46	59	71	82	91	95	89	77	68	54	43	68	21
T'ai-yüan.....	34	39	52	67	79	86	88	84	77	66	49	37	63	20
T'ien-shui.....	37	43	55	67	75	79	85	82	70	61	50	38	62	11
Wu-ch'iao-ling.....	25	29	36	43	54	61	64	61	53	44	35	26	44	5
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	18	28	43	58	70	81	84	78	69	55	35	22	53	4-6
Wu-tu.....	46	52	63	70	76	83	87	83	77	68	58	49	67	4-6
Yen Ch'ih.....	30	40	51	63	72	81	85	79	72	61	45	34	59	4-6
Yü-lin.....	32	39	51	66	77	86	88	85	73	64	46	34	62	13
Northern Plateau:														
Chi-lan-t'ai.....	27	38	51	65	76	87	90	86	77	62	43	30	61	4-6
Chiu-ch'üan.....	32	37	50	63	75	83	87	84	75	62	43	31	60	18
Hai-lin-hao-t'e (Pei-tzu-miao).....	10	18	35	55	66	77	81	77	66	53	32	13	49	4-6
Hsing-hsing-hsia*.....	21	31	46	58	66	77	81	79	70	55	37	27	54	4-5
Hai-su-ni-t'e-wang-fu.....	15	25	39	58	69	80	84	79	68	56	35	19	52	4-6
P'ang-pei.....	11	23	40	59	69	82	85	80	70	56	32	14	52	4-6
Shan-pa.....	24	35	48	63	74	84	86	81	72	60	39	27	58	4-5
Shan-tan.....	29	36	50	61	69	79	84	80	73	59	44	34	58	4-6
Ting-hsin.....	28	39	53	65	74	86	89	86	77	63	43	32	61	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	7	16	32	52	65	77	78	74	64	51	29	11	46	4-6
Tun-huang.....	33	42	57	71	82	88	93	91	82	68	48	33	66	12
Wen-ch'üan*.....	-2	7	21	43	57	70	72	68	59	46	21	5	39	4-6
Yin-ch'uan.....	29	40	52	65	74	83	86	81	74	62	43	31	60	4-6
Yü-men.....	25	35	49	62	70	80	83	81	73	59	41	29	57	4-6

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 40. MEAN DAILY MINIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	20	25	32	48	59	69	73	69	59	47	34	24	47	5
Che-foo.....	25	25	33	45	55	64	71	72	64	53	40	30	48	29
Ch'ing-yüan.....	14	19	31	45	56	66	72	69	58	44	30	18	43	19
Hsin-yang.....	28	32	42	52	60	71	77	73	63	51	41	32	52	4-6
Ko-tse.....	21	26	36	47	58	69	75	72	61	49	37	26	48	4-6
Lin-yü.....	12	17	29	41	53	63	71	69	58	44	29	17	42	4-6
Lo-yang.....	25	29	39	50	59	70	75	72	61	49	38	28	50	4-6
Pang-fou*.....	26	32	38	50	60	69	76	75	66	53	42	31	51	4
Peiping.....	14	19	30	43	56	65	71	69	58	44	30	18	43	29
Shih-men.....	13	19	41	46	57	66	71	69	58	45	30	20	44	8
Shih-tao.....	23	28	34	43	53	62	69	71	63	53	40	29	47	4-6
Süchow.....	23	28	37	48	57	67	75	72	62	49	39	28	49	4-6
Tientsin.....	16	20	30	45	56	66	72	72	61	48	34	21	45	37
Tsinan.....	21	26	37	50	61	71	75	72	62	51	38	26	49	31
Tsingtao.....	24	26	34	45	55	63	71	73	65	54	41	29	48	48
Central Highlands:														
An-k'ang.....	31	34	44	54	60	70	75	73	65	54	45	35	53	4-6
Ch'ang-chih.....	8	14	28	38	48	59	65	61	49	37	25	14	37	4-6
Ching-yüan.....	8	15	29	42	51	59	64	62	53	41	25	10	38	12
Dolon Nor.....	-13	-7	11	26	36	48	56	51	38	25	7	-9	22	4-6
Fu-shih.....	8	17	30	39	48	57	64	61	50	38	27	15	38	4-6
Hsi-feng-chen.....	13	20	31	41	48	57	63	59	50	40	28	18	39	4-6
Kuei-sui.....	-3	5	20	32	44	55	62	58	47	31	15	5	31	14
Lan-chou.....	8	16	29	41	49	57	62	60	52	40	24	11	37	19
Nan-cheng.....	31	34	43	52	60	68	73	71	63	54	43	33	52	10
Sian.....	22	27	37	48	57	66	73	70	60	48	36	25	47	21
T'ai-yüan.....	7	14	25	39	50	59	66	63	50	37	24	12	37	20
T'ien-shui.....	21	25	36	46	54	61	66	64	56	46	36	23	45	11
Wu-ch'iao-ling.....	1	5	6	22	32	40	45	43	35	25	14	1	23	5
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	-9	0	15	28	41	55	60	56	42	27	10	-4	27	4-6
Wu-tu.....	30	35	44	52	57	65	70	67	59	50	42	32	50	4-6
Yen Ch'ih.....	2	10	22	35	46	55	60	57	45	33	17	5	32	4-6
Yü-lin.....	4	12	25	39	49	59	65	64	52	39	23	9	37	13
Northern Plateau:														
Chi-lan-t'ai.....	1	9	23	37	50	61	66	63	51	36	20	7	35	4-6
Chiu-ch'üan.....	7	12	26	38	48	57	62	59	48	36	21	9	34	18
Hsi-lin-hao-t'e (Pei-tzu-miao).....	-15	-9	8	26	37	51	59	54	41	24	6	-10	23	4-6
Hsing-hsing-hsia*.....	-9	2	18	31	40	52	58	54	44	28	11	0	28	4-5
Hsi-su-ni-t'e-wang-fu.....	-7	0	15	31	43	55	61	57	45	31	13	-1	28	4-6
P'ang-peï.....	-14	-6	11	28	41	55	61	56	43	28	7	-9	25	4-6
Shan-pa.....	0	8	21	34	46	58	63	59	47	34	19	6	33	4-6
Shan-tan.....	-3	5	22	32	41	52	57	55	42	28	14	4	29	4-6
Ting-hsin.....	2	9	24	36	46	57	63	59	46	32	18	8	33	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	-17	-12	4	24	36	51	57	53	39	23	3	-13	21	4-6
Tun-huang.....	9	15	29	41	53	61	66	63	50	37	24	11	38	12
Wen-ch'üan*.....	-24	-17	-4	17	30	43	51	47	35	18	-1	-17	15	4-6
Yin-ch'üan.....	4	13	26	38	47	58	65	61	50	37	23	11	36	4-6
Yü-men.....	4	12	23	35	44	55	59	56	46	32	19	9	33	4-6

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 41. ABSOLUTE MAXIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	71	77	90	97	109	111	109	105	99	102	80	65	111	5
Chefoo.....	76	66	84	98	103	104	104	102	95	93	80	73	104	39
Ch'ing-yüan.....	59	64	79	95	109	108	107	98	95	88	77	54	109	11
Hsin-yang.....	66	93	100	108	106	102	106	106	100	90	79	73	108	18
Ko-tse.....	59	73	79	90	97	106	102	100	90	88	73	63	106	4-6
Lin-yü.....	54	61	73	82	88	104	97	93	89	81	69	55	104	32
Lo-yang.....	64	81	92	100	110	111	110	108	91	95	79	66	111	15
Pang-fou*.....	68	75	90	95	102	108	111	112	100	91	88	79	112	15
Peiping.....	58	65	85	96	101	109	105	101	91	88	75	56	109	44
Shih-men.....	67	85	88	99	101	109	107	102	96	98	77	67	109	13
Shih-tao.....	50	52	61	73	86	90	99	91	84	82	68	59	99	4-6
Süchow.....	63	75	89	92	99	105	106	104	97	91	81	66	106	13
Tientsin.....	54	64	84	96	107	109	109	103	96	90	78	58	109	52
Tsinan.....	68	73	90	97	105	108	109	106	98	94	83	66	109	38
Tsingtao.....	53	60	73	85	89	92	97	96	93	83	84	60	97	59
Central Highlands:														
An-k'ang.....	60	73	86	94	103	106	105	118	99	93	75	64	118	7-9
Ch'ang-chih.....	53	70	80	92	95	97	98	97	87	91	72	58	98	10-12
Ching-yüan.....	56	64	77	92	97	102	103	100	90	85	72	51	103	14
Dolon Nor.....	37	51	67	83	87	90	92	93	84	77	66	38	93	11
Fu-shih.....	59	72	77	91	91	99	97	99	95	82	70	57	99	4-6
Hsi-feng-chen.....	52	61	70	86	84	91	91	90	81	75	63	48	91	4-6
Kuei-sui.....	52	54	71	88	92	100	96	98	90	79	65	50	100	17
Lan-chou.....	59	64	81	92	96	99	100	100	90	82	71	68	100	25
Nan-cheng.....	54	68	73	86	95	99	97	98	89	80	70	60	99	4
Sian.....	66	73	84	98	105	111	113	109	100	93	76	66	113	26
T'ai-yüan.....	58	67	82	92	104	106	106	99	94	91	81	57	106	40
T'ien-shui.....	57	65	80	92	96	98	101	99	89	82	71	52	101	19
Wu-ch'iao-ling.....	47	52	60	71	71	80	78	79	65	70	60	46	80	5
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	36	50	64	82	88	97	95	93	82	82	54	41	97	4-6
Wu-tu.....	64	69	82	94	99	104	102	102	92	87	77	62	104	9-11
Yen Ch'ih.....	48	63	75	84	88	95	97	95	86	81	68	52	97	4-6
Yü-lin.....	51	63	76	89	99	104	103	101	92	86	72	53	104	18
Northern Plateau:														
Chi-lan-t'ai.....	48	61	73	88	91	100	102	99	91	82	63	45	102	4-6
Chiu-ch'üan.....	54	63	75	85	93	100	100	100	95	84	66	55	100	19
Hsi-lin-hao-t'e (Pei-tzu-miao).....	32	46	68	84	93	97	99	91	84	79	57	41	99	4-6
Hsing-hsing-hsia*.....	43	48	63	81	86	95	95	94	84	75	57	46	95	6-8
Hsi-su-ni-t'e-wang-fu.....	41	54	68	86	93	100	99	95	86	81	61	45	100	4-6
P'ang-pei.....	36	54	72	90	95	99	100	97	90	81	61	41	100	4-6
Shan-pa.....	43	57	70	86	93	97	102	95	86	81	59	43	102	4-6
Shan-tan.....	52	61	77	86	86	97	99	95	88	81	70	52	99	4-6
Ting-hsin.....	43	59	81	86	91	97	100	100	91	82	68	45	100	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	34	50	64	84	93	99	95	91	86	79	54	39	99	4-6
Tun-huang.....	50	70	86	93	101	103	111	109	98	89	72	49	111	17
Wen-ch'üan*.....	27	37	55	77	88	88	86	84	82	70	59	39	88	4-6
Yin-ch'uan.....	54	63	74	86	96	99	103	100	90	82	66	53	103	10-12
Yü-men.....	46	57	70	82	90	98	96	96	86	77	64	52	98	7-9

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 42. ABSOLUTE MINIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	6	9	19	28	37	57	63	53	50	28	18	10	6	5
Chefoo.....	5	9	16	25	32	48	59	58	44	29	15	12	5	39
Ch'ing-yüan.....	-12	-4	7	28	41	48	59	51	37	26	13	0	-12	11
Hsin-yang.....	-4	7	19	30	41	55	65	59	48	34	21	11	-4	18
Ko-tse.....	1	5	12	25	39	55	57	61	46	32	18	10	1	4-6
Lin-yü.....	-8	3	1	23	39	46	52	56	34	21	1	-6	-8	32
Lo-yang.....	-4	3	5	30	36	51	53	48	34	30	5	3	-4	15
Pang-fou*.....	-3	12	23	33	43	54	62	56	44	30	21	7	-3	15
Peiping.....	-9	-4	7	26	38	47	59	52	35	23	8	-3	-9	44
Shih-men.....	-16	0	14	23	39	51	57	55	39	21	7	4	-16	13
Shih-tao.....	5	14	18	28	39	50	61	54	45	30	25	16	5	4-6
Süchow.....	0	-1	10	27	34	35	57	50	38	28	16	3	-1	13
Tientsin.....	-5	-1	7	27	38	49	57	57	40	28	10	-2	-5	52
Tsinan.....	-3	1	12	28	36	51	62	56	40	25	12	2	-3	38
Tsingtao.....	3	9	12	24	38	52	56	58	47	34	15	7	3	59
Central Highlands:														
An-k'ang.....	17	18	23	36	45	52	64	64	54	37	27	23	17	7-9
Ch'ang-chih.....	-20	-8	0	19	32	38	52	42	28	13	5	-16	-20	10-12
Ching-yüan.....	-13	-12	3	16	31	41	51	45	37	20	2	-5	-13	14
Dolon Nor.....	-38	-34	-24	1	12	29	41	34	21	-2	-20	-33	-38	11
Fu-shih.....	-11	-2	5	16	30	43	48	48	28	16	7	-4	-11	4-6
Hsi-feng-chen.....	-6	-4	12	19	30	41	54	43	30	23	12	-2	-6	4-6
Kuei-sui.....	-33	-22	-12	10	24	38	46	39	25	11	-7	-27	-33	17
Lan-chou.....	-10	-8	3	17	33	37	47	42	33	19	4	-7	-10	25
Nan-cheng.....	23	26	28	39	50	55	64	62	48	44	28	23	23	4
Sian.....	-2	11	12	28	35	49	58	55	41	23	2	-1	-2	26
T'ai-yüan.....	-22	-8	-1	14	32	40	47	44	30	10	-6	-11	-22	40
T'ien-shui.....	3	6	15	22	38	45	55	51	41	30	17	4	3	19
Wu-ch'iao-ling.....	-18	-16	-10	2	18	28	34	31	22	6	-12	-17	-18	5
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	-27	-29	-9	7	19	34	46	41	18	7	-17	-36	-36	4-6
Wu-tu.....	18	19	26	38	45	54	59	54	48	32	27	21	18	9-11
Yen Ch'ih.....	-22	-17	-6	9	28	36	46	43	21	14	0	-17	-22	4-6
Yü-lin.....	-16	-13	-3	14	27	41	51	48	28	14	-9	-16	-16	18
Northern Plateau:														
Chi-lan-t'ai.....	-17	-17	-2	7	30	43	54	45	30	18	-4	-15	-17	4-6
Chiu-ch'uan.....	-11	-25	-5	14	27	42	47	46	32	16	-3	-14	-25	19
Hsi-lin-hao-t'e (Pei-tzu-miao).....	-44	-35	-27	-13	16	34	46	39	19	-2	-22	-36	-44	4-6
Hsing-hsing-hsia*.....	-31	-16	-19	12	21	32	45	39	21	7	-18	-31	-31	6-8
Hsi su-ni-t'e-wang-fu.....	-31	-26	-17	-2	18	39	48	39	23	10	-17	-29	-31	4-6
P'ang-pei.....	-40	-35	-24	0	18	37	46	41	19	5	-22	-40	-40	4-6
Shan-pa.....	-17	-18	-6	18	23	43	52	48	27	16	1	-13	-18	4-6
Shan-tan.....	-22	-17	0	7	25	36	46	45	27	3	-4	-15	-22	4-6
Ting-hsin.....	-22	-13	5	14	30	39	52	45	25	16	1	-11	-22	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lich-miao).....	-35	-36	-35	-11	14	34	43	36	16	0	-27	-36	-36	4-6
Tun-huang.....	-17	-10	5	14	26	40	48	45	28	10	2	-13	-17	17
Wen-ch'üan*.....	-45	-40	-33	-15	7	25	30	27	14	-8	-31	-42	-45	4-6
Yin-ch'uan.....	-23	-11	-3	15	28	39	54	45	32	21	3	-10	-23	10-12
Yü-men.....	-18	-13	-7	17	18	46	49	45	23	12	-4	-18	-18	7-9

* Near but outside North China (NIS 39A, Part III Area).

FIGURE 43. MEAN NUMBER OF DAYS WITH MAXIMUM TEMPERATURE $\geq 90^{\circ}$ F.

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Hsin-yang.....	0	0	0	0	3	14	24	21	4	1	0	0	67	4-6
Ko-tse.....	0	0	0	*	8	18	20	14	*	0	0	0	58	4-6
Lin-yü.....	0	0	0	0	0	1	3	2	0	0	0	0	6	4-6
Lo-yang.....	0	0	0	1	8	20	21	17	3	1	0	0	71	4-6
Peiping.....	0	0	0	0	4	12	14	7	1	0	0	0	37	4-6
Shih-men.....	0	0	0	1	9	17	19	11	3	0	0	0	59	4-6
Shih-tao.....	0	0	0	0	0	1	2	1	0	0	0	0	4	4-6
Süchow.....	0	0	0	1	5	12	20	14	1	0	0	0	53	4-6
Tientsin.....	0	0	0	0	5	10	14	7	*	0	0	0	36	4-6
Tsinan.....	0	0	0	1	8	16	20	15	3	0	0	0	62	4-6
Tsingtao.....	0	0	0	0	0	*	2	2	0	0	0	0	4	4-6
Central Highlands:														
An-k'ang.....	0	0	0	1	4	16	23	21	5	1	0	0	70	4-6
Ch'ang-chih.....	0	0	0	0	*	6	5	1	0	0	0	0	12	4-6
Dolon Nor.....	0	0	0	0	0	*	*	0	0	0	0	0	1	4-6
Fu-shih.....	0	0	0	*	2	10	12	6	*	0	0	0	29	4-6
Hsi-feng-chen.....	0	0	0	0	0	1	1	*	0	0	0	0	3	4-6
Kuei-sui.....	0	0	0	0	*	2	4	1	0	0	0	0	8	4-6
Lan-chou.....	0	0	0	*	*	3	9	4	0	0	0	0	17	4-6
Sian.....	0	0	0	0	3	16	21	15	1	*	0	0	56	4-6
T'ai-yüan.....	0	0	0	*	1	9	13	4	*	0	0	0	27	4-6
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	0	0	0	0	0	3	5	1	0	0	0	0	9	4-6
Wu-tu.....	0	0	0	*	1	6	13	7	0	0	0	0	26	4-6
Yen Ch'ih.....	0	0	0	0	0	3	10	4	0	0	0	0	17	4-6
Yü-lin.....	0	0	0	0	1	6	11	5	0	0	0	0	23	4-6
Northern Plateau:														
Chi-lan-t'ai.....	0	0	0	0	1	12	20	10	1	0	0	0	45	4-6
Hsi-lin-hai-t'e (Pei-tzu-miao) ..	0	0	0	0	1	2	5	1	0	0	0	0	9	4-6
Hsing-hsing-hsia**.....	0	0	0	0	0	1	4	2	0	0	0	0	6	4-5
Hsi-su-ni-t'e-wang-fu.....	0	0	0	0	1	6	9	3	0	0	0	0	19	4-6
O-chi-na-ch'i.....	0	0	0	0	na	na	2	0	0	0	0	0	na	1
P'ang-peï.....	0	0	0	*	1	7	9	3	*	0	0	0	21	4-6
Pan-ting-t'o-lo-kai.....	0	0	0	0	na	na	na	na	na	na	0	0	na	1
Shan-pa.....	0	0	0	0	1	8	10	4	0	0	0	0	23	4-6
Shan-tan.....	0	0	0	0	0	3	8	4	0	0	0	0	14	4-6
Ting-hsin.....	0	0	0	0	1	9	18	9	1	0	0	0	37	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	0	0	0	0	*	1	2	*	0	0	0	0	4	4-6
Tun-huang.....	0	0	0	*	3	13	24	19	4	0	0	0	62	4-6
Wen-ch'üan*.....	0	0	0	0	0	0	0	0	0	0	0	0	0	4-6
Yin-ch'uan.....	0	0	0	0	*	6	10	5	0	0	0	0	21	4-6
Yü-men.....	0	0	0	0	0	1	3	2	0	0	0	0	6	4-6

na Data not available.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 44. MEAN NUMBER OF DAYS WITH MINIMUM TEMPERATURE $\geq 32^{\circ}$ F.

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Hsin-yang.....	25	15	3	*	0	0	0	0	0	0	6	18	67	4-6
Ko-tse.....	30	24	11	1	0	0	0	0	0	*	10	28	104	4-6
Lin-yü.....	31	28	22	5	0	0	0	0	0	2	21	30	139	4-6
Lo-yang.....	29	21	6	1	0	0	0	0	0	1	8	25	90	4-6
Peiping.....	31	27	19	2	0	0	0	0	0	2	17	31	129	4-6
Shih-men.....	31	26	14	1	0	0	0	0	0	1	15	29	116	4-6
Shih-tao.....	28	22	12	2	0	0	0	0	0	*	8	24	95	4-6
Süchow.....	27	23	8	0	0	0	0	0	0	*	10	25	92	4-6
Tientsin.....	31	27	14	1	0	0	0	0	0	0	11	29	112	4-6
Tsinan.....	29	22	9	1	0	0	0	0	0	*	9	23	92	4-6
Tsingtao.....	26	19	9	1	0	0	0	0	0	0	4	18	77	4-6
Central Highlands:														
An-k'ang.....	20	10	2	0	0	0	0	0	0	0	1	12	45	4-6
Ch'ang-chih.....	31	28	22	9	*	0	0	0	1	10	25	30	156	4-6
Dolon Nor.....	31	28	30	24	11	1	0	0	9	25	30	31	219	4-6
Fu-shih.....	31	28	21	7	1	0	0	0	1	10	24	31	151	4-6
Hsi-feng-chen.....	31	28	20	3	1	0	0	0	1	6	23	31	142	4-6
Kuei-sui.....	31	28	29	15	2	0	0	0	2	16	28	31	180	4-6
Lan-chou.....	31	28	19	2	0	0	0	0	0	9	26	31	146	4-6
Sian.....	31	21	7	1	0	0	0	0	0	*	6	26	92	4-6
T'ai-yüan.....	31	28	22	7	0	0	0	0	1	8	25	31	153	4-6
Wu-la-t'e-chung-hou-lien-ho- ch'i (Hai-liu-t'u).....	31	28	29	20	4	0	0	0	5	22	30	31	200	4-6
Wu-tu.....	24	10	1	0	0	0	0	0	0	*	3	18	55	4-6
Yen Ch'ih.....	31	28	23	14	2	0	0	0	2	16	29	31	177	4-6
Yü-lin.....	31	28	24	10	*	0	0	0	*	10	26	31	160	4-6
Northern Plateau:														
Chi-lan-t'ai.....	31	28	26	10	*	0	0	0	*	12	29	31	168	4-6
Hsi-lin-hao-t'e (Pei-tzu-miao).....	31	28	30	24	10	0	0	0	6	26	30	31	215	4-6
Hsing-hsing-hsia**.....	31	28	29	17	6	*	0	0	2	22	30	31	196	4-5
Hsi-su-ni-t'e-wang-fu.....	31	28	29	17	5	0	0	0	3	20	29	31	193	4-6
O-chi-na-ch'i.....	31	27	26	9	na	na	0	0	1	19	30	31	na	1
P'ang-pei.....	31	28	31	20	5	0	0	0	3	22	30	31	201	4-6
Pan-ting-t'o-lo-kai.....	31	28	29	18	na	na	na	na	na	na	29	31	na	1
Shan-pa.....	31	28	28	14	2	0	0	0	1	14	29	31	176	4-6
Shan-tan.....	31	28	29	17	3	0	0	0	3	22	30	31	194	4-6
Ting-hsin.....	31	28	28	13	1	0	0	0	2	17	30	31	180	4-6
Tung-wu-chu-mu-ch'in-ch'i (La-ma-k'u-lieh-miao).....	31	28	30	25	11	0	0	0	8	28	30	31	221	4-6
Tun-huang.....	31	27	25	9	*	0	0	0	1	17	29	31	170	4-6
Wen-ch'üan**.....	31	28	31	23	20	4	1	1	13	28	30	31	246	4-6
Yin-ch'uan.....	31	28	26	10	0	0	0	0	*	11	28	31	164	4-6
Yü-men.....	31	28	28	12	2	0	0	0	1	15	29	31	177	4-6

na Data not available.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 45. MEAN RELATIVE HUMIDITY (%) AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Plain and Hills:															
Hsin-yang.....	0500	82	84	87	87	88	88	87	90	91	90	91	87	88	4-6
Ko-tse.....	0500	78	78	76	77	80	79	91	91	85	82	85	83	82	4-6
Lin-yü.....	0500	52	58	62	65	65	81	90	88	83	72	62	59	70	4-6
Lo-yang.....	0500	65	58	72	71	74	72	87	89	82	80	83	70	76	4-6
Peiping.....	0500	47	58	63	60	62	76	88	90	84	79	65	56	69	4-6
Shih-men.....	0500	62	67	65	59	65	74	87	90	81	80	78	71	73	4-6
Shih-tao.....	0500	68	72	76	76	76	89	94	92	84	77	73	75	79	4-6
Süchow.....	0500	75	78	77	80	85	84	92	93	89	84	86	83	84	4-6
Tientsin.....	0500	62	67	68	64	67	79	89	89	82	79	72	69	74	4-6
Tsinan.....	0500	57	61	61	56	58	69	84	86	71	68	70	65	67	4-6
Tsingtao.....	0500	71	78	78	78	79	91	95	91	81	74	75	73	80	4-6
Central Highlands:															
An-k'ang.....	0700	81	80	82	84	83	80	84	82	86	91	92	87	84	4-6
Ch'ang-chih.....	0500	71	70	76	70	75	79	92	94	90	86	86	78	80	4-6
Dolon Nor.....	0500	75	77	73	63	68	84	92	91	86	76	72	74	78	4-6
Fu-shih.....	0700	66	66	66	62	68	70	84	88	86	83	78	76	74	4-6
Hsi-feng-chen.....	0700	56	61	64	61	69	66	79	86	82	79	75	68	71	4-6
Kuei-sui.....	0700	67	69	56	49	45	56	69	76	70	70	68	70	64	4-6
Lan-chou.....	0700	76	72	67	60	67	65	75	81	83	87	82	83	75	4-6
Sian.....	0700	76	78	77	74	76	69	79	84	85	86	87	81	79	4-6
T'ai-yüan.....	0500	60	58	62	57	64	76	86	89	85	80	75	66	72	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- liu-t'u).....	0700	74	70	55	40	39	44	59	68	61	64	72	74	60	4-6
Wu-tu.....	0700	69	69	69	72	74	73	77	84	85	84	79	78	76	4-6
Yen Ch'ih.....	0700	61	58	55	47	51	54	69	80	76	75	69	70	64	4-6
Yü-lin.....	0700	74	71	63	58	56	61	77	80	78	80	75	79	71	4-6
Northern Plateau:															
Chi-lan-t'ai.....	0700	61	56	48	44	41	48	58	66	57	58	56	62	55	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	0500	78	78	73	58	61	76	85	87	81	70	72	81	75	4-6
Hsing-hsing-hsia*.....	0600	70	68	50	39	37	37	43	47	45	47	60	74	51	4-5
Hsi-su-ni-t'e-wang-fu.....	0500	68	65	56	44	45	58	69	72	63	56	58	65	60	4-6
O-chi-na-ch'i.....	0700	67	55	38	30	na	31	42	37	44	37	46	66	na	1
P'ang-pei.....	0700	75	75	59	38	38	48	62	66	58	54	68	75	60	4-6
Pan-ting-t'o-lo-kai.....	0700	72	55	40	37	na	na	na	na	na	na	64	69	na	1
Shan-pa.....	0700	62	58	54	48	46	55	68	77	71	71	68	70	62	4-6
Shan-tan.....	0700	66	65	59	51	49	50	63	68	62	62	66	65	60	4-6
Ting-hsin.....	0700	67	62	52	52	46	52	58	63	59	59	64	70	59	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	0500	78	79	73	58	62	79	87	87	81	67	74	80	76	4-6
Tun-huang.....	0600	60	53	44	44	46	49	56	54	57	52	61	62	53	4-6
Wen-ch'üan*.....	0500	84	82	79	71	73	87	92	92	85	76	79	84	82	4-6
Yin-ch'uan.....	0700	71	67	64	57	56	65	74	82	79	81	80	76	71	4-6
Yü-men.....	0600	58	54	43	39	41	44	55	55	47	44	51	59	49	4-6
Eastern Plain and Hills:															
Hsin-yang.....	1400	53	54	59	56	58	59	62	60	56	51	58	58	57	4-6
Ko-tse.....	1400	46	44	43	39	40	46	68	63	48	48	56	55	50	4-6
Lin-yü.....	1400	35	39	44	44	49	63	73	67	53	44	39	38	49	4-6
Lo-yang.....	1400	40	38	45	39	40	44	62	59	47	47	51	43	46	4-6
Peiping.....	1400	30	32	34	29	29	44	63	62	49	45	39	34	41	4-6
Shih-men.....	1400	32	35	35	27	32	41	60	63	46	46	45	41	42	4-6
Shih-tao.....	1400	59	60	60	58	61	76	84	79	64	56	54	58	64	4-6
Süchow.....	1400	49	45	46	44	46	52	68	64	53	44	52	53	51	4-6
Tientsin.....	1400	37	40	40	31	34	50	65	63	49	46	46	45	46	4-6
Tsinan.....	1400	40	36	34	30	31	42	62	58	44	39	46	44	42	4-6
Tsingtao.....	1400	56	57	59	59	62	75	84	74	62	52	58	58	63	4-6

See footnotes at end of table.

FIGURE 45 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Central Highlands:															
An-k'ang.....	1600	66	63	64	63	64	64	68	63	66	74	79	77	68	4-6
Ch'ang-chih.....	1400	37	35	39	29	35	40	57	60	44	45	46	42	43	4-6
Doton Nor.....	1400	63	57	44	27	25	42	54	53	41	34	42	60	45	4-6
Fu-shih.....	1600	30	30	30	27	36	40	56	59	49	47	43	38	40	4-6
Hai-feng-chen.....	1600	38	40	39	36	47	47	55	64	57	59	55	49	49	4-6
Kuei-sui.....	1600	44	41	30	26	26	36	47	51	44	41	41	45	39	4-6
Lan-chou.....	1600	34	33	29	29	36	35	43	51	49	49	42	43	39	4-6
Sian.....	1600	44	43	46	44	49	43	56	60	56	58	92	54	51	4-6
T'ai-yuan.....	1400	30	30	32	26	31	39	53	57	43	43	41	36	38	4-6
Wu-la-t'e-chung-hou- lien-ho-ch'i (Hai- lu-t'u).....	1600	47	39	28	19	21	24	35	40	31	31	38	46	33	4-6
Wu-tu.....	1600	45	39	42	45	46	49	53	61	59	53	52	53	50	4-6
Yen Ch'ih.....	1600	31	28	24	24	28	29	38	47	39	39	35	35	33	4-6
Yü-lin.....	1600	34	31	28	26	30	35	46	50	43	42	40	41	37	4-6
Northern Plateau:															
Chi-lan-t'ai.....	1600	33	30	21	20	21	26	33	33	29	27	29	35	28	4-6
Hsi-lin-hao-t'e (Pei- tzu-miao).....	1400	60	56	40	24	25	36	44	44	38	31	38	60	41	4-6
Hsing-hsing-hsia*.....	1500	43	33	21	18	19	18	23	21	18	20	27	44	26	4-6
Hsi-su-ni-t'e-wang-fu.....	1400	52	49	33	20	21	29	36	39	31	26	36	51	35	4-6
O-chi-na-ch'i.....	1600	33	19	13	11	na	na	21	21	19	15	24	32	na	1
P'ang-pei.....	1600	55	46	29	16	21	26	33	32	27	24	42	55	34	4-6
Pan-ting-t'o-lo-kai.....	1600	35	26	18	21	na	na	na	23	23	24	36	39	na	1
Shan-pa.....	1600	31	28	26	22	21	27	40	42	34	34	39	39	32	4-6
Shan-tan.....	1600	36	31	23	21	25	26	35	38	31	28	29	34	30	4-6
Ting-hsin.....	1600	33	24	20	20	22	26	31	31	26	24	32	37	27	4-6
Tung-wu-chu-mu- ch'in-ch'i (La-ma- k'u-lieh-miao).....	1400	63	58	42	27	25	39	51	51	40	31	46	63	45	4-6
Tun-huang.....	1500	29	22	15	17	19	20	24	21	17	16	27	33	22	4-6
Wen-ch'üan.....	1400	77	70	60	43	38	52	66	63	55	42	57	73	58	4-6
Yin-ch'uan.....	1600	37	29	28	26	29	34	44	52	45	41	48	48	38	4-6
Yü-men.....	1500	35	28	19	16	19	22	31	29	23	21	26	34	25	4-6

na Data not available.

* Near but outside North China (NIS 39A, PART III Area).

FIGURE 46. MEAN PRECIPITATION (INCHES)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	0.2	0.2	0.4	0.9	1.3	2.5	5.4	4.6	2.0	0.7	0.5	0.4	19.1	12
Chefoo.....	0.6	0.4	0.6	1.1	1.5	2.2	6.6	6.1	2.5	1.1	1.1	0.8	24.6	49
Ch'ih-p'ing.....	0.1	0.2	0.4	0.7	1.7	5.2	6.9	10.4	1.3	0.6	0.7	0.6	29.1	5
Ch'ing-yüan.....	0.2	0.1	0.3	0.4	0.8	2.4	5.5	5.6	1.5	0.3	0.4	0.2	17.5	17
Fou-yang.....	1.8	1.5	1.4	2.8	2.6	3.6	5.3	4.5	2.7	1.3	1.3	0.9	29.8	11
Hsin-t'ai.....	0.1	0.3	0.7	0.8	2.9	2.7	7.5	9.1	1.7	0.1	0.7	0.4	27.0	5
Hsin-yang.....	1.5	2.0	1.7	3.5	4.8	4.4	4.5	3.7	2.3	1.9	0.9	1.2	32.1	6
K'ai-feng.....	0.4	0.4	0.6	1.1	2.0	2.0	8.1	4.9	2.6	0.7	0.6	0.6	24.5	12
Lao-yeh-chien.....	0.1	0.2	0.2	0.3	2.0	2.5	6.3	4.3	1.7	0.4	0.2	0.2	18.4	5
Li-ching.....	0.1	0.1	0.6	1.1	1.1	3.9	5.8	5.3	1.4	0.6	0.5	0.6	20.7	4
Lin-i.....	0.4	0.4	1.1	1.8	2.0	4.3	6.2	8.7	4.2	0.6	0.7	1.3	31.3	6
Lin-yü.....	0.1	0.1	0.6	0.7	2.5	2.7	7.0	7.6	2.7	0.8	0.5	0.1	25.4	26
Lo-chia-t'un.....	0.1	0.3	0.5	0.5	2.5	4.0	10.3	8.6	3.2	0.8	0.5	0.2	31.5	5
Lo-yang.....	0.4	0.4	0.7	0.9	2.3	2.6	3.0	3.7	2.6	0.7	1.1	0.4	18.8	7
Ma-ch'ang.....	0.2	0.1	0.2	0.5	1.0	2.3	7.3	5.9	1.2	0.4	0.2	0.2	19.5	13
Nan-yang.....	0.5	0.7	0.6	2.6	3.3	2.8	4.8	3.5	2.6	0.7	0.2	1.2	23.6	4
Nei-ch'iu.....	0.4	0.1	0.7	0.4	1.6	3.8	3.8	4.8	1.8	0.4	0.2	0.4	18.3	5
Pang-fou**.....	0.9	1.1	1.6	2.4	2.0	4.0	6.9	3.8	2.2	1.4	0.9	0.9	28.2	19
Peiping.....	0.2	0.2	0.3	0.7	1.4	3.1	9.6	5.8	2.3	0.6	0.4	0.1	24.7	82
Po-hsien.....	1.3	1.0	0.6	1.5	3.1	3.0	5.9	3.1	1.9	1.4	2.0	1.4	26.4	8
Shih-men.....	0.1	0.2	0.2	0.7	0.9	2.0	4.2	5.6	1.2	1.1	0.6	0.1	17.1	8
Shih-tao.....	0.3	0.4	0.7	1.5	1.7	3.0	6.3	6.0	3.2	1.2	1.2	0.7	26.2	48
Süchow.....	0.7	0.9	1.2	2.3	1.8	3.5	4.0	6.6	4.0	1.3	0.7	1.4	28.4	9

See footnotes at end of table.

FIGURE 46 (Continued)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills (Con.):														
Su-hsien.....	0.6	0.2	1.2	0.8	0.5	2.2	4.0	4.5	2.3	0.6	0.3	1.4	18.6	12
Sui-p'ing.....	0.5	0.9	1.2	1.4	2.5	3.4	5.9	5.0	2.8	1.3	1.2	0.6	26.9	10
Tang-shan.....	0.2	0.2	1.1	0.8	2.1	6.2	8.6	8.5	3.3	0.6	0.4	0.7	32.7	3
Te-hsien.....	0.2	0.2	0.3	0.4	1.5	3.3	4.2	4.4	1.5	0.8	0.8	0.2	17.8	7
Tientsin.....	0.2	0.1	0.4	0.6	1.1	2.4	7.1	5.8	1.9	0.6	0.4	0.2	20.8	41
Tsinan.....	0.3	0.4	0.5	0.8	1.3	2.8	7.3	6.9	2.5	0.8	0.8	0.5	24.9	31
Tsingtao.....	0.4	0.3	0.7	1.2	1.7	3.5	5.8	6.0	3.4	1.4	0.8	0.7	25.9	36
Tzu-yang.....	0.4	0.2	0.6	1.0	1.8	3.1	6.2	5.2	2.3	1.0	1.0	0.7	23.5	10
Wei-hsien.....	0.2	0.1	0.2	1.0	2.5	4.0	6.5	5.3	2.4	1.0	0.8	0.7	24.9	7
Central Highlands:														
An-k'ang.....	0.2	0.8	1.1	1.9	2.1	2.4	7.7	6.4	5.6	1.9	1.2	0.5	31.8	3
Chang-chia-k'ou.....	0.1	0.2	0.2	0.4	1.3	1.9	5.1	3.1	1.5	0.4	0.2	0.1	14.4	22
Ch'ang-chih.....	0.3	0.4	0.4	1.3	1.8	2.5	6.9	3.4	2.0	0.6	0.2	0.4	20.1	8
Ch'eng-te.....	*	0.2	0.3	0.6	2.6	3.3	6.2	4.4	1.9	1.1	0.7	*	21.3	8
Ching-yüan.....	0.1	0.2	0.2	0.4	0.9	1.1	1.7	2.6	1.5	0.4	0.2	*	9.4	14
Dolon Nor.....	0.2	0.1	0.3	0.2	1.6	2.6	6.4	3.7	1.7	0.9	0.3	0.2	18.2	6
Hua Shan.....	0.2	0.7	1.3	1.8	4.2	1.6	6.7	7.4	5.8	1.3	2.6	1.1	34.2	3
Hun-yüan.....	0.2	0.2	0.6	0.9	1.3	2.2	4.2	3.6	1.5	0.6	0.4	0.2	15.9	5
Kuei-sui.....	0.2	0.3	0.2	0.4	1.3	1.9	3.9	4.1	2.4	0.6	0.3	0.4	16.1	13
Kuo-hsien.....	0.1	0.2	0.2	1.1	1.9	2.8	6.4	5.0	3.7	0.4	0.5	0.2	22.8	3
Lan-chou.....	*	0.1	0.3	0.6	1.3	1.6	2.6	3.6	2.2	0.7	0.2	0.1	13.3	19
Lu-shih.....	0.3	0.6	1.0	0.8	2.5	2.5	7.2	7.3	2.3	1.3	1.2	0.7	27.7	3
Min-hsien.....	0.1	0.2	0.6	1.6	3.1	3.1	5.4	4.0	3.5	1.8	0.2	*	23.8	14
Nan-cheng.....	0.1	0.4	0.7	1.6	2.9	3.4	4.9	4.2	5.1	2.6	1.1	0.2	27.2	13
P'ing-liang.....	0.1	0.2	0.4	1.2	2.4	2.7	3.4	3.8	3.5	1.1	0.3	0.1	19.0	9
P'ing-yao.....	0.1	0.1	0.2	1.1	1.1	1.4	4.5	4.6	1.9	0.5	0.3	0.4	16.2	13
Sa-la-ch'i.....	0.3	0.2	0.4	0.2	1.3	1.7	4.4	2.7	1.4	0.6	0.3	0.4	13.9	14
Sian.....	0.2	0.4	0.9	1.6	2.3	1.9	3.5	3.8	4.6	2.2	0.9	0.3	22.6	22
Sui-te.....	0.2	0.3	0.4	0.4	1.5	1.8	5.5	5.7	4.1	1.3	0.2	0.6	22.0	3
T'ai-yüan.....	0.2	0.2	0.4	0.6	1.1	1.6	4.2	4.1	2.0	0.7	0.4	0.2	15.7	28
Ta-t'ung.....	*	0.1	0.2	0.5	1.1	1.7	4.1	3.3	1.4	0.6	0.1	0.1	13.3	11
T'ien-shui.....	0.1	0.2	0.7	1.4	2.5	3.0	3.5	4.3	3.9	1.3	0.6	0.1	21.7	14
Wei-ch'ang.....	*	0.1	0.3	0.9	2.4	2.9	5.6	4.1	2.0	0.7	0.7	0.1	19.9	6
Wu-ch'iao-ling.....	0.1	0.3	0.9	1.5	2.1	2.4	3.3	4.8	3.4	0.9	0.4	0.2	20.4	5
Wu-tu.....	0.1	0.2	0.4	0.6	3.3	2.2	3.9	4.0	2.2	1.7	0.3	*	18.9	3
Yü-lin.....	0.1	0.1	0.3	0.6	0.9	1.6	4.0	4.4	2.7	0.8	0.5	0.1	16.1	15
Yün-ch'eng.....	0.1	0.6	0.9	2.0	1.7	2.2	4.7	3.5	3.4	1.3	1.4	0.2	22.0	2
Northern Plateau:														
An-hsi.....	0.1	*	0.2	0.1	0.1	0.3	0.8	0.4	0.1	*	0.1	0.2	2.4	6
Chiu-ch'üan.....	*	0.1	0.2	0.2	0.1	0.4	0.8	1.0	0.2	*	0.1	0.1	3.5	13
Chung-ning.....	0.1	0.1	0.2	0.2	0.6	0.9	1.9	3.1	1.8	0.4	0.1	*	9.4	8
Hsi-lin-hao-t'e (Pei-tzu-miao).....	0.3	*	0.2	0.3	0.5	1.6	6.1	6.3	1.4	0.4	0.2	0.1	17.4	na
Heing-hsing-hsia**.....	*	0.4	0.1	*	0.1	0.6	0.6	0.7	0.6	0.1	0.1	0.2	3.5	3
Hsi-su-ni-t'e-wang-fu.....	*	*	0.1	0.2	0.4	0.8	3.9	1.7	1.3	0.2	0.1	*	8.7	na
So-lun**.....	*	*	*	0.6	0.9	4.4	5.5	4.1	2.2	0.2	*	0.2	18.1	3-4
Tun-huang.....	*	*	0.1	0.1	0.2	0.4	0.6	0.2	0.1	*	*	0.1	1.9	12
Wu-wei.....	0.2	0.2	0.3	0.4	0.4	0.6	0.8	2.2	1.2	0.4	0.2	0.1	6.8	11
Yin-ch'uan.....	*	0.2	0.2	0.5	0.9	0.5	1.5	1.8	1.7	0.5	0.3	*	8.1	4
Yü-men.....	*	0.4	0.1	0.2	0.3	0.2	0.7	0.3	*	0.1	0.2	*	2.5	2

na Data not available.

* <0.05 inch.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 47. GREATEST AND LEAST PRECIPITATION (INCHES)

REGION AND STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:															
An-yang.....	Greatest	0.6	1.2	1.0	2.3	4.0	4.3	14.7	18.8	5.4	1.9	1.5	1.4	na	10
	Least	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.2	0.2	0.0	0.0	0.0	na	10
Chefoo.....	Greatest	2.1	3.0	2.4	3.2	5.2	11.6	17.0	16.1	9.5	3.3	4.9	4.8	na	48
	Least	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0	0.0	0.0	na	48
Fou-yang.....	Greatest	6.2	3.3	3.3	2.4	2.3	4.7	12.6	6.5	4.8	3.3	4.9	7.4	na	5
	Least	1.7	0.3	0.0	1.9	2.2	0.4	1.5	2.9	1.1	0.0	0.0	0.4	na	5
K'ai-feng.....	Greatest	0.8	1.9	2.4	13.6	6.3	7.9	19.5	12.2	6.5	2.0	3.2	1.3	na	10
	Least	0.1	0.1	0.0	0.2	0.0	0.1	1.2	1.0	0.0	0.0	0.0	0.0	na	10
Lin-yü.....	Greatest	0.5	0.6	2.3	1.9	9.2	7.4	18.4	17.4	8.4	2.2	3.2	0.5	na	26
	Least	0.0	0.0	0.0	0.0	0.2	0.6	1.5	1.3	0.2	0.0	0.0	0.0	na	26
Pang-fou*.....	Greatest	2.2	2.4	3.5	7.5	4.7	7.0	19.2	12.3	5.8	4.6	3.5	2.6	na	14
	Least	0.0	0.0	0.3	0.2	0.1	1.2	1.1	0.4	0.6	0.0	0.0	0.0	na	14
Peiping.....	Greatest	1.9	1.1	2.7	2.6	4.6	11.5	32.5	14.7	11.5	3.8	2.8	0.8	na	72
	Least	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.0	0.0	0.0	0.0	na	72
Süchow.....	Greatest	1.9	2.4	2.4	4.1	3.3	6.5	15.4	20.4	10.0	3.4	2.5	2.4	na	13
	Least	0.0	0.0	0.1	0.2	0.0	0.2	1.3	1.2	0.6	0.0	0.0	0.1	na	13
Su-hsien.....	Greatest	2.9	2.0	3.8	3.6	3.8	4.5	18.4	9.1	6.5	2.8	3.3	4.8	na	13
	Least	0.0	0.0	0.0	0.0	0.2	0.9	0.6	0.9	**	**	0.0	0.0	na	13
Tientsin.....	Greatest	1.0	0.7	2.1	4.3	4.7	8.6	14.9	13.8	8.0	3.9	3.0	1.1	na	41
	Least	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.7	0.1	0.0	0.0	0.0	na	41
Tsinan.....	Greatest	1.6	1.1	1.1	2.9	6.2	7.1	16.5	14.3	6.2	2.8	2.5	2.9	na	18
	Least	0.0	0.0	0.0	0.0	0.1	0.3	2.4	1.9	0.1	0.1	0.0	0.1	na	18
Tsingtao.....	Greatest	2.4	1.9	4.3	5.4	6.6	8.8	11.8	19.6	10.2	5.8	3.5	2.1	na	30
	Least	0.0	0.0	0.0	0.1	0.1	0.4	1.3	1.1	0.1	0.0	0.1	0.0	na	30
Central Highlands:															
Chang-chia-k'ou.....	Greatest	0.5	0.6	0.5	1.2	3.0	3.5	12.4	5.8	4.1	2.2	0.5	0.3	24.3	18
	Least	0.0	0.0	0.0	0.0	0.3	0.8	0.4	1.2	0.3	0.0	0.0	0.0	5.2	18
Ch'ang-chih.....	Greatest	0.6	0.9	0.8	2.8	3.1	5.7	12.3	6.1	4.3	1.4	0.8	1.6	na	8
	Least	**	0.0	0.0	0.5	0.5	0.2	2.9	1.6	0.1	0.0	0.0	0.0	na	8
Ch'eng-te.....	Greatest	1.5	0.4	1.1	3.4	3.6	8.8	15.6	9.6	2.8	2.0	2.5	0.5	32.7	10
	Least	0.0	0.0	0.0	0.0	0.2	0.7	3.7	2.2	0.5	0.1	0.0	0.0	15.8	10
Hun-yüan.....	Greatest	0.4	0.8	0.9	2.1	3.1	3.3	6.9	7.1	3.0	1.3	1.5	0.6	na	13
	Least	0.0	0.0	0.0	0.1	0.0	0.0	1.6	0.8	0.0	0.0	0.0	0.0	na	13
Kuei-sui.....	Greatest	1.0	1.7	0.7	1.5	3.2	5.5	10.0	12.3	4.6	1.8	1.0	3.0	27.9	13
	Least	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.6	0.0	0.0	0.0	8.6	13
Lan-chou.....	Greatest	0.6	0.4	0.6	0.7	2.5	2.1	5.9	8.6	2.8	1.1	0.6	0.4	17.5	2
	Least	**	0.2	0.1	0.7	0.9	0.2	2.2	3.1	1.6	0.3	0.0	0.2	14.1	2
P'ing-yao.....	Greatest	0.5	0.5	1.5	3.1	2.5	2.7	15.1	9.1	6.7	2.6	1.7	1.3	na	11
	Least	0.0	0.0	0.0	0.0	0.3	0.2	0.9	0.2	0.3	0.0	0.0	0.0	na	11
Sa-la-ch'i.....	Greatest	2.0	0.9	1.8	0.7	3.1	7.6	9.4	6.5	3.4	2.4	0.8	2.7	20.6	9
	Least	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.4	1.2	0.0	0.0	0.0	8.3	9
Sian.....	Greatest	0.6	1.0	1.4	3.0	2.9	5.6	21.7	14.9	14.4	6.9	5.0	5.0	na	7
	Least	0.1	**	0.3	0.1	1.5	0.2	1.9	2.7	1.3	**	0.1	**	na	7
T'ai-yüan.....	Greatest	1.5	0.5	3.9	1.6	2.4	4.7	9.4	9.4	7.2	1.5	1.4	1.2	na	16
	Least	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	**	0.0	0.0	0.0	na	16
Ta-t'ung.....	Greatest	0.3	0.4	0.6	2.0	2.9	3.8	8.0	8.1	2.6	1.9	0.4	0.7	na	8
	Least	0.0	0.0	0.0	0.0	0.0	0.2	1.3	0.8	0.0	0.0	0.0	0.0	na	8

na Data not available.

* Near but outside North China (NIS 39A, Part III Area).

** <0.05 inch.

FIGURE 48. MAXIMUM 24-HOUR PRECIPITATION (INCHES)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	0.6	0.5	1.0	1.5	2.0	3.2	7.4	13.5	4.8	1.6	1.0	1.0	13.5	18
Chefoo.....	1.3	1.0	0.9	1.6	3.5	5.1	6.1	7.8	7.5	4.2	2.0	1.1	7.8	64
Ch'ing-yüan.....	0.2	0.6	0.4	0.7	2.9	2.8	4.3	6.6	2.0	1.6	0.6	0.4	6.6	27
Hsin-yang.....	1.0	1.7	1.8	2.5	3.1	5.6	7.3	3.1	6.3	2.7	1.0	0.9	7.3	22
K'ai-feng.....	0.4	0.4	0.9	1.5	6.3	5.1	6.1	3.7	3.3	2.0	1.0	0.7	6.3	9
Lin-i.....	0.6	0.7	1.0	1.2	1.3	2.6	2.0	2.7	7.3	1.3	1.4	0.7	7.3	4
Lin-yü.....	0.1	0.2	0.7	0.8	2.6	3.7	7.3	6.6	5.0	0.7	0.7	0.5	7.3	8
Lo-yang.....	0.1	0.4	1.1	0.9	2.0	1.4	1.7	2.8	1.3	1.0	1.3	0.5	2.8	6
Nan-yang.....	0.2	0.3	0.5	1.1	1.8	2.0	6.7	3.8	2.6	2.4	0.9	0.5	6.7	6
Pang-fou*.....	0.9	1.3	2.2	2.8	4.7	6.0	8.5	4.0	2.5	1.8	1.7	1.2	8.5	30
Peiping.....	0.6	0.4	1.0	2.6	3.9	8.0	8.9	5.7	3.8	1.5	2.2	0.4	8.9	77
Shih-men.....	0.2	0.2	0.9	1.7	2.7	3.6	4.4	5.1	2.3	1.8	0.9	0.2	5.1	30
Süchow.....	0.7	0.7	1.0	1.8	3.3	3.9	3.4	4.1	5.8	1.8	0.9	1.0	5.8	8
Tang-shan.....	0.2	0.2	0.2	0.3	2.0	3.7	3.3	6.5	1.9	1.2	0.5	0.3	6.5	3
Te-hsien.....	0.2	0.4	0.4	2.6	2.5	3.8	3.6	5.7	2.2	1.5	1.5	0.2	5.7	18
Tientsin.....	0.6	0.5	1.4	1.8	1.9	3.1	5.1	6.4	2.3	1.8	3.0	0.7	6.4	49
Tsinan.....	0.6	0.6	0.9	2.6	3.7	2.6	5.8	4.9	2.0	1.6	1.4	0.9	5.8	35
Tsingtao.....	1.3	0.9	2.2	2.7	2.6	5.4	5.2	6.4	8.9	5.2	2.9	0.9	8.9	65
Tzu-yang.....	0.6	0.5	1.4	1.5	2.2	3.3	3.2	3.7	4.3	5.0	1.3	1.0	5.0	19
Wei-hsien.....	0.4	0.3	0.9	1.6	3.2	2.8	5.1	9.8	1.3	2.7	0.7	1.0	9.8	10
Central Highlands:														
An-k'ang.....	0.2	0.7	0.6	0.9	1.1	1.3	2.3	3.3	1.9	0.7	0.9	0.2	3.3	3
Chang-chia-k'ou.....	0.3	0.5	0.3	0.6	1.1	1.5	4.1	2.0	1.5	1.1	0.3	0.3	4.1	25
Ch'ang-chih.....	0.4	0.7	0.7	1.2	3.0	3.6	3.0	3.1	1.3	1.4	0.8	0.6	3.6	28
Ch'eng-te.....	0.1	0.4	0.7	0.7	2.3	1.9	4.4	3.0	1.7	1.3	2.5	0.3	4.4	16
Ching-yüan.....	0.3	0.2	0.5	0.8	1.0	2.2	1.5	2.7	1.4	0.4	0.8	0.2	2.7	15
Dolon Nor.....	0.4	0.1	0.3	0.2	1.0	1.5	3.1	1.6	1.1	0.7	1.0	0.2	3.1	7
Hua Shan.....	0.6	1.5	1.1	2.1	1.4	4.6	2.4	2.6	2.9	1.4	2.6	0.8	4.6	12
Kuei-sui.....	0.4	0.4	0.4	1.4	1.2	2.2	3.6	3.3	2.2	0.8	0.5	0.3	3.6	13
Lan-chou.....	0.6	0.4	0.4	0.6	1.5	2.1	2.7	2.8	2.8	0.8	0.6	0.4	2.8	21
Lu-shih.....	0.2	0.4	0.8	0.3	1.4	1.9	2.8	3.1	1.1	0.8	0.9	0.6	3.1	4
Min-hsien.....	0.1	0.4	0.3	0.9	1.3	1.2	1.2	1.9	1.2	0.5	0.2	**	1.9	4
Nan-cheng.....	0.3	0.5	0.5	1.4	2.5	2.6	3.3	2.9	6.5	2.6	1.1	0.5	6.5	15
P'iang-liang.....	0.2	0.6	0.5	0.9	2.2	2.7	2.5	2.3	1.9	0.6	1.2	0.4	2.7	15
Sian.....	0.5	0.6	0.7	1.3	1.5	2.2	2.3	2.4	2.0	0.9	0.9	0.5	2.4	22
T'ai-yüan.....	1.2	0.3	3.0	1.1	2.4	2.8	2.6	2.9	1.9	1.4	1.4	0.4	3.0	35
Ta-t'ung.....	0.3	0.4	0.6	0.6	2.3	2.1	2.6	5.1	1.9	1.0	0.4	0.4	5.1	19
T'ien-shui.....	0.3	0.6	0.5	1.4	1.7	2.3	2.5	2.8	1.7	0.9	1.4	0.2	2.8	16
Wei-ch'ang.....	0.1	0.1	0.2	1.0	1.9	1.5	2.3	2.8	1.3	0.9	1.9	0.2	2.8	10
Wu-ch'iao-ling.....	0.1	0.2	0.8	0.5	1.6	0.8	1.1	1.5	1.3	0.5	0.2	0.1	1.6	5
Wu-tu.....	0.2	0.2	0.7	0.9	1.6	0.8	2.4	2.3	1.6	0.7	0.3	0.1	2.4	8
Yü-lin.....	0.2	2.0	0.4	1.0	2.5	2.2	4.3	5.6	2.0	0.9	1.6	0.2	5.6	18
Yün-ch'eng.....	0.2	0.3	0.8	1.1	1.3	2.2	1.9	2.1	2.0	0.8	0.7	0.2	2.2	3
Northern Plateau:														
An-hsi.....	0.4	0.1	0.3	0.7	0.3	0.3	0.8	1.3	0.2	0.3	0.2	0.4	1.3	7
Chiu-ch'üan.....	0.1	0.3	0.6	0.4	0.7	0.6	1.1	1.1	0.4	0.2	0.6	0.2	1.1	18
Chung-ning.....	0.1	0.2	0.3	0.5	1.2	0.7	1.7	2.6	1.9	0.7	0.4	0.1	2.6	8
Hsing-hsing-hsia*.....	**	0.6	**	**	0.2	0.8	0.5	0.4	0.6	0.1	0.1	0.1	0.8	4
So-lun*.....	**	**	**	0.4	0.6	1.3	1.9	2.6	1.3	0.5	**	**	2.6	3
Tun-huang.....	0.1	0.2	0.6	0.4	0.6	1.3	1.1	1.2	0.3	0.1	0.4	0.2	1.3	17
Wu-wei.....	0.2	0.3	0.9	0.4	0.5	0.5	0.6	1.4	1.4	1.1	0.5	0.2	1.4	15
Yin-ch'uan.....	**	0.6	0.2	0.8	0.5	0.7	1.1	1.8	1.9	0.4	0.4	0.1	1.9	5
Yü-men.....	**	0.5	0.2	0.1	0.5	0.3	0.7	0.4	0.1	0.2	0.2	**	0.7	3

* Near but outside North China (NIS 39A, PART III Area).

** <0.05 inch.

FIGURE 49. MEAN NUMBER OF DAYS WITH PRECIPITATION ≥ 0.004 INCH

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
An-yang.....	1	1	1	3	3	4	7	5	3	2	1	1	32	12
Chefoo.....	5	3	3	4	5	5	10	10	6	4	5	6	66	51
Ch'ing-yüan.....	3	2	3	3	5	7	12	11	5	2	2	3	58	12
Fou-yang.....	5	4	3	7	5	4	5	7	4	4	4	4	57	8
Hsin-yang.....	6	5	4	8	8	7	6	7	6	4	4	6	71	6
K'ai-feng.....	3	3	3	5	6	6	8	11	5	4	3	3	59	12
Lin-i.....	2	1	2	2	2	5	7	6	4	2	3	5	42	3
Lo-yang.....	2	4	4	5	6	4	10	10	6	4	7	3	65	5
Ma-ch'ang.....	1	1	2	2	4	6	9	9	3	2	1	2	42	12
Nan-yang.....	3	5	3	4	5	8	10	9	6	5	3	2	63	6
Pang-fou*.....	5	4	5	7	6	6	9	7	5	4	4	4	65	18
Peiping.....	3	3	3	4	6	8	13	11	7	3	3	2	66	57
Po-hsien.....	3	4	3	5	6	5	9	6	5	4	5	3	58	7
Shih-men.....	2	4	2	4	6	6	11	11	5	4	3	1	58	8
Shüchow.....	4	4	3	5	4	5	7	7	3	1	2	3	48	13
Su-hsien.....	5	1	4	4	2	5	9	9	5	3	1	5	53	12
Sui-p'ing.....	3	5	5	5	5	5	8	8	5	4	4	3	59	10
Te-hsien.....	2	2	3	2	4	8	9	9	4	3	3	2	51	7
Tientsin.....	2	2	3	4	6	9	13	11	6	4	3	2	65	41
Tsinan.....	3	4	4	5	6	8	13	13	7	3	4	4	74	34
Tsingtao.....	4	4	5	6	7	8	13	11	8	4	4	4	78	50
Tzu-yang.....	3	3	3	4	5	6	10	10	6	3	4	3	60	9
Wei-hsien.....	2	2	3	4	4	8	10	10	6	4	3	3	58	4
Central Highlands:														
An-k'ang.....	5	6	12	9	9	10	15	14	13	11	12	11	127	3
Chang-chia-k'ou.....	2	3	2	3	7	8	12	9	7	3	2	2	59	22
Ch'ang-chih.....	2	3	2	4	5	5	8	6	4	2	1	2	44	8
Ch'eng-te.....	2	3	4	4	10	12	15	14	7	5	3	2	79	3
Ching-yüan.....	1	2	4	4	6	7	9	9	9	5	2	1	60	14
Dolon Nor.....	3	3	5	3	10	10	16	15	8	6	6	5	94	4
Hua Shan.....	3	5	6	4	11	7	14	13	15	7	6	5	97	3
Hun-yüan.....	1	1	3	4	6	8	9	9	4	2	1	**	48	7
Kuei-sui.....	2	2	2	3	4	4	12	7	6	2	1	2	48	8
Kuo-hsien.....	3	3	4	7	8	13	16	15	12	5	4	2	92	3
Lan-chou.....	1	2	4	5	7	9	10	11	12	6	2	1	72	19
Lu-shih.....	5	5	7	9	9	7	15	18	13	12	9	10	118	3
Min-hsien.....	2	4	7	11	13	15	16	13	15	11	4	1	112	13
Nan-cheng.....	4	5	8	10	10	11	11	13	14	12	8	4	111	11
P'ing-liang.....	2	1	3	7	6	8	10	8	8	5	3	1	63	8
P'ing-yao.....	1	1	**	3	4	4	9	8	6	1	1	1	39	5
Sa-la-ch'i.....	1	1	2	2	4	5	10	9	3	2	1	1	41	12
Sian.....	3	5	7	8	8	8	11	11	11	8	6	4	90	22
T'ai-yüan.....	1	2	3	3	5	7	11	9	7	3	2	2	56	23
Ta-t'ung.....	1	1	2	2	3	4	6	6	4	2	1	1	31	11
T'ien-shui.....	3	5	8	8	9	11	12	11	14	10	5	3	98	13
Wei-ch'ang.....	1	2	6	5	11	12	16	12	9	5	3	1	83	5
Wu-ch'iao-ling.....	5	7	12	14	13	15	18	18	18	9	8	4	140	5
Wu-tu.....	2	3	5	12	9	9	8	9	12	12	7	2	91	3
Yü-lin.....	2	3	4	4	5	7	10	8	8	9	2	2	64	14
Yün-ch'eng.....	2	9	5	6	12	5	14	8	10	6	7	2	86	2
Northern Plateau:														
An-hsi.....	2	1	2	2	1	3	4	2	1	**	1	3	21	6
Chiu-ch'üan.....	1	2	2	2	3	5	7	7	2	1	2	3	37	18
Chung-ning.....	2	1	4	3	5	5	8	8	8	3	1	1	49	8
Hsi-lin-hao-t'e (Pei-tsu-miao).....	6	6	8	8	13	18	18	14	10	5	4	4	114	4
Hsing-hsing-hsia*.....	5	3	2	2	3	4	6	4	3	1	2	7	42	3
Hsi-su-ni-t'e-wang-fu.....	4	5	6	6	9	16	18	14	9	5	7	2	101	4
So-lun*.....	4	4	4	6	7	18	16	12	10	4	4	6	95	3-4
Tun-huang.....	1	1	1	1	1	2	3	2	1	**	**	1	14	12
Wu-wei.....	2	3	3	4	4	5	7	7	8	3	2	2	49	11
Yin-ch'uan.....	1	1	3	3	5	4	7	10	6	3	4	4	50	5
Yü-men.....	1	2	2	3	2	2	5	6	1	1	3	5	33	2

* Near but outside North China (NIS 39A, PART III Area).

** <0.5 day.

FIGURE 50. MEAN NUMBER OF DAYS WITH SNOWFALL

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Chefoo.....	10	5	3	*	*	0	0	0	0	0	4	10	33	21
Ch'ing-yüan.....	2	3	1	0	0	0	0	0	0	*	1	2	8	15
Hsin-yang.....	7	4	2	0	0	0	0	0	0	0	1	9	24	6
K'ai-feng.....	2	4	1	*	0	0	0	0	0	0	2	2	10	6
Lo-yang.....	3	7	2	0	0	0	0	0	0	0	2	5	19	5
Nan-yang.....	5	6	3	0	0	0	0	0	0	0	1	6	21	3
Pang-fou**.....	3	4	4	0	0	0	0	0	0	0	1	5	16	4
Peiping.....	2	3	2	*	0	0	0	0	0	0	1	2	10	39
Po-hsien.....	5	4	4	0	0	0	0	0	0	0	0	9	21	2
Shih-men.....	2	7	1	0	0	0	0	0	0	0	*	1	11	3
Süchow.....	3	3	1	0	0	0	0	0	0	0	*	2	9	0
Sui-p'ing.....	4	6	3	0	0	0	0	0	0	0	1	8	22	3
Tang-shan.....	2	4	2	0	0	0	0	0	0	0	1	1	9	2
Te-hsien.....	3	4	1	*	0	0	0	0	0	0	1	2	11	6
Tientsin.....	1	2	3	0	0	0	0	0	0	0	1	2	9	3
Tsinan.....	3	3	2	*	0	0	0	0	0	0	1	3	11	32
Tsingtao.....	3	3	1	*	0	0	0	0	0	0	1	2	9	51
Tzu-yang.....	2	4	1	*	0	0	0	0	0	0	1	3	10	9
Wei-hsien.....	3	6	2	0	0	0	0	0	0	0	2	3	17	3
Central Highlands:														
An-k'ang.....	2	1	1	0	0	0	0	0	0	0	1	5	9	3
Chang-chia-k'ou.....	2	5	2	1	0	0	0	0	0	*	1	3	13	5
Ch'eng-te.....	2	3	3	*	0	0	0	0	0	0	1	2	11	10
Ching-yüan.....	2	2	2	1	0	0	0	0	0	1	2	2	10	10
Dolon Nor.....	3	4	4	2	2	*	0	0	*	1	4	2	22	3
Hua Shan.....	3	5	5	3	1	0	0	0	0	1	5	3	26	3
Kuei-sui.....	2	3	2	1	0	0	0	0	0	1	2	2	13	6
Lan-chou.....	1	2	2	1	*	0	0	0	0	1	2	1	10	19
Lu-shih.....	4	5	2	0	0	0	0	0	0	0	3	8	23	3
Min-hsien.....	3	4	6	3	1	*	0	0	*	3	3	1	24	14
Nan-cheng.....	2	2	1	0	0	0	0	0	0	0	*	1	7	14
P'ing-liang.....	2	2	3	1	*	0	0	0	0	*	2	2	12	10
Sian.....	3	4	2	*	0	0	0	0	0	0	1	3	12	21
T'ai-yüan.....	2	3	2	*	0	0	0	0	0	0	1	3	11	13
T'ien-shui.....	3	4	3	*	0	0	0	0	0	0	2	3	16	14
Wei-ch'ang.....	4	5	3	2	1	0	0	0	*	1	3	2	22	3
Wu-ch'iao-ling.....	6	7	14	11	8	2	1	1	5	8	9	5	75	4
Wu-tu.....	1	2	0	0	0	0	0	0	0	0	0	1	4	5
Yü-lin.....	1	3	3	1	*	0	0	0	0	*	1	1	11	16
Yün-ch'eng.....	2	6	1	0	0	0	0	0	0	0	2	2	12	3
Northern Plateau:														
An-hai.....	1	1	*	*	0	0	0	0	0	0	1	2	6	7
Chiu-ch'üan.....	1	2	2	1	*	0	0	0	*	*	2	2	11	18
Chung-ning.....	2	1	2	*	0	0	0	0	0	0	1	1	6	8
Hsing-hsing-hsia**.....	5	3	2	2	0	0	0	0	*	2	3	7	23	3
Tun-huang.....	1	1	*	*	0	0	0	0	0	*	1	1	4	15
Wu-wei.....	1	2	1	1	0	0	0	0	0	1	3	1	9	4
Yin-ch'uan.....	0	1	0	0	0	0	0	0	0	1	1	1	4	4
Yü-men.....	2	2	2	1	0	0	0	0	0	2	3	4	16	3

NOTE A day with snowfall is defined as a day with a snowfall amount ≥ 0.004 inch of liquid precipitation.

* <0.5 day.

** Near but outside North China (NIS 39A, PART III Area).

FIGURE 51. MEAN NUMBER OF DAYS WITH SNOW COVER

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Chefoo.....	10	8	1	0	0	0	0	0	0	0	2	11	32	4
Ch'ing-yüan.....	5	3	1	0	0	0	0	0	0	0	1	3	13	11
Hsin-yang.....	12	7	4	0	0	0	0	0	0	0	1	7	30	4
Lo-yang.....	5	4	1	0	0	0	0	0	0	0	2	2	15	3
Nan-yang.....	11	5	2	0	0	0	0	0	0	0	1	6	24	3
Pang-fou*.....	8	5	2	0	0	0	0	0	0	0	1	4	20	4
Peiping.....	3	4	2	0	0	0	0	0	0	0	1	3	12	20
Po-hsien.....	15	2	3	0	0	0	0	0	0	0	0	12	31	2
Shih-men.....	8	10	1	0	0	0	0	0	0	0	**	3	22	3
Sui-p'ing.....	11	6	3	0	0	0	0	0	0	0	1	8	30	3
Tang-shan.....	8	8	2	0	0	0	0	0	0	0	1	3	22	2
Te-hsien.....	5	8	**	0	0	0	0	0	0	0	1	3	16	6
Tientsin.....	6	2	1	0	0	0	0	0	0	0	0	9	17	6
Tsinan.....	4	2	1	**	0	0	0	0	0	0	1	3	11	24
Tsingtao.....	1	2	1	0	0	0	0	0	0	0	0	**	5	47
Tzu-yang.....	1	4	1	**	0	0	0	0	0	0	0	3	10	7
Wei-hsien.....	8	8	2	0	0	0	0	0	0	0	2	4	25	3
Central Highlands:														
An-k'ang.....	1	**	0	0	0	0	0	0	0	0	0	2	4	3
Chang-chia-k'ou.....	3	7	3	**	0	0	0	0	0	0	3	1	17	4
Ch'eng-te.....	8	5	2	**	0	0	0	0	0	0	1	7	24	10
Ching-yüan.....	4	4	1	**	0	0	0	0	0	**	2	5	16	10
Dolon Nor.....	13	11	10	3	1	0	0	0	0	1	10	14	63	3
Hua Shan.....	11	19	16	8	1	0	0	0	0	**	15	12	82	3
Lan-chou.....	5	7	**	0	0	0	0	0	0	0	1	3	17	7
Lu-shih.....	15	8	2	0	0	0	0	0	0	0	2	10	38	3
Min-hsien.....	6	2	3	2	0	0	0	0	0	2	3	3	20	3
Nan-cheng.....	**	1	**	0	0	0	0	0	0	0	**	1	2	14
P'ing-liang.....	2	3	2	**	0	0	0	0	0	0	2	3	11	5
Sian.....	4	5	1	0	0	0	0	0	0	0	1	4	15	21
T'ai-yüan.....	2	2	**	0	0	0	0	0	0	0	1	4	9	8
T'ien-shui.....	5	3	1	0	0	0	0	0	0	0	1	3	13	14
Wei-ch'ang.....	9	11	7	2	0	0	0	0	0	0	2	5	35	3
Wu-ch'iao-ling.....	19	13	20	17	11	1	0	**	3	10	12	16	124	4
Wu-tu.....	0	**	0	0	0	0	0	0	0	0	0	**	1	7
Yü-lin.....	2	4	1	**	0	0	0	0	0	0	1	2	10	16
Yüan-ch'eng.....	2	4	1	0	0	0	0	0	0	0	1	2	11	3
Northern Plateau:														
An-hsi.....	1	**	**	0	0	0	0	0	0	0	2	4	8	6
Chiu-ch'üan.....	6	4	1	**	0	0	0	0	0	0	2	8	22	18
Chung-ning.....	3	2	1	0	0	0	0	0	0	0	0	2	7	8
Hsing-hsing-hsia*.....	26	10	5	1	0	0	0	0	0	5	6	22	72	3
Tun-huang.....	1	1	**	**	0	0	0	0	0	0	1	3	7	15
Wu-wei.....	2	5	**	0	0	0	0	0	0	0	1	3	11	3
Yin-ch'uan.....	0	5	0	0	0	0	0	0	0	0	**	2	7	4
Yü-men.....	7	5	5	1	0	0	0	0	0	2	5	16	40	3

NOTE A day with snow cover is defined as a day when more than half of the ground in the vicinity of the meteorological station is covered by snow.

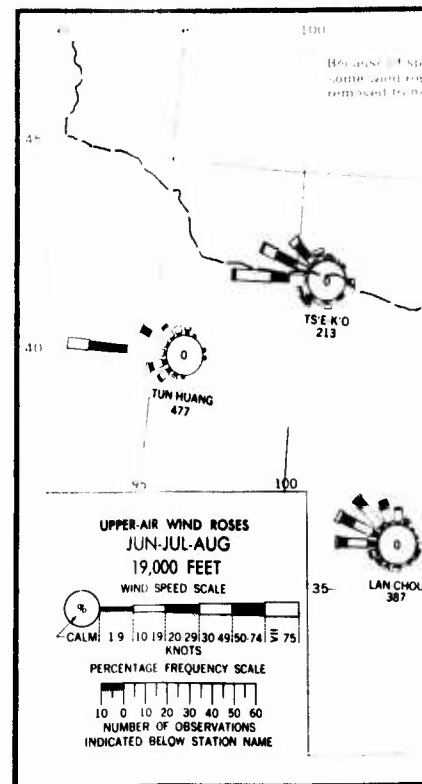
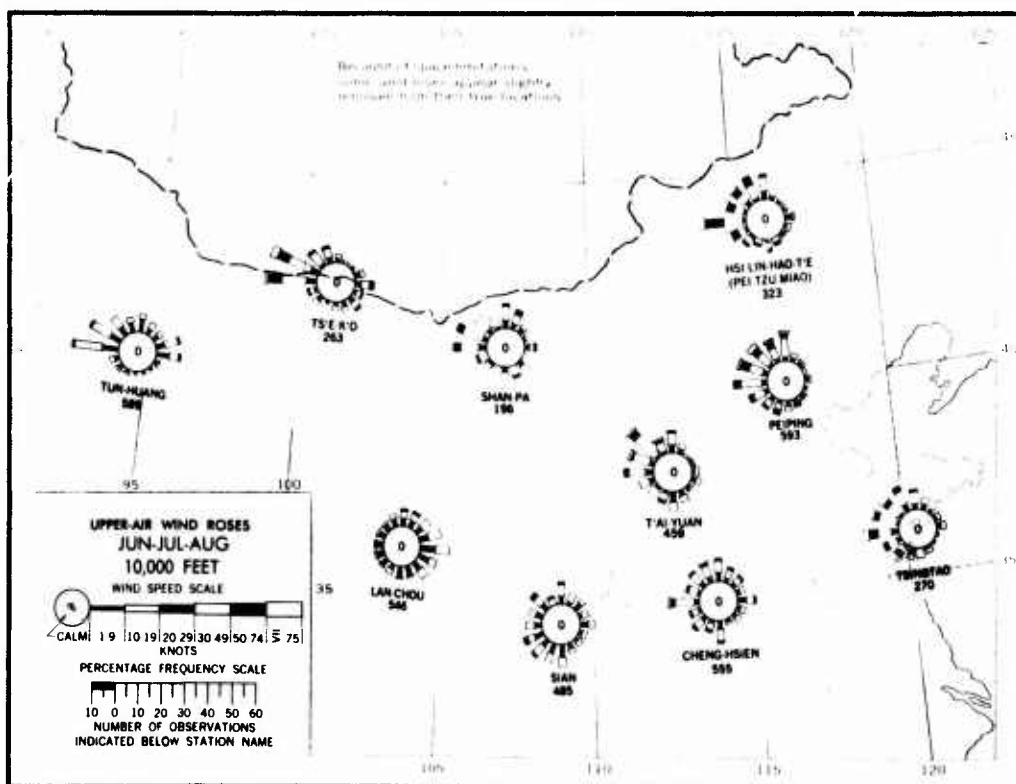
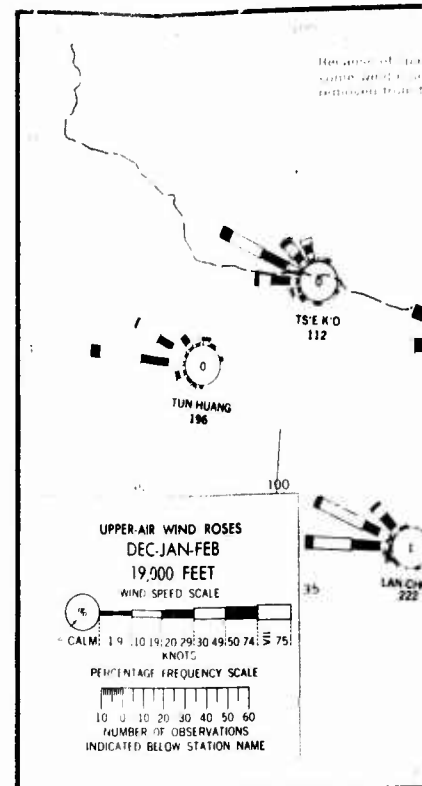
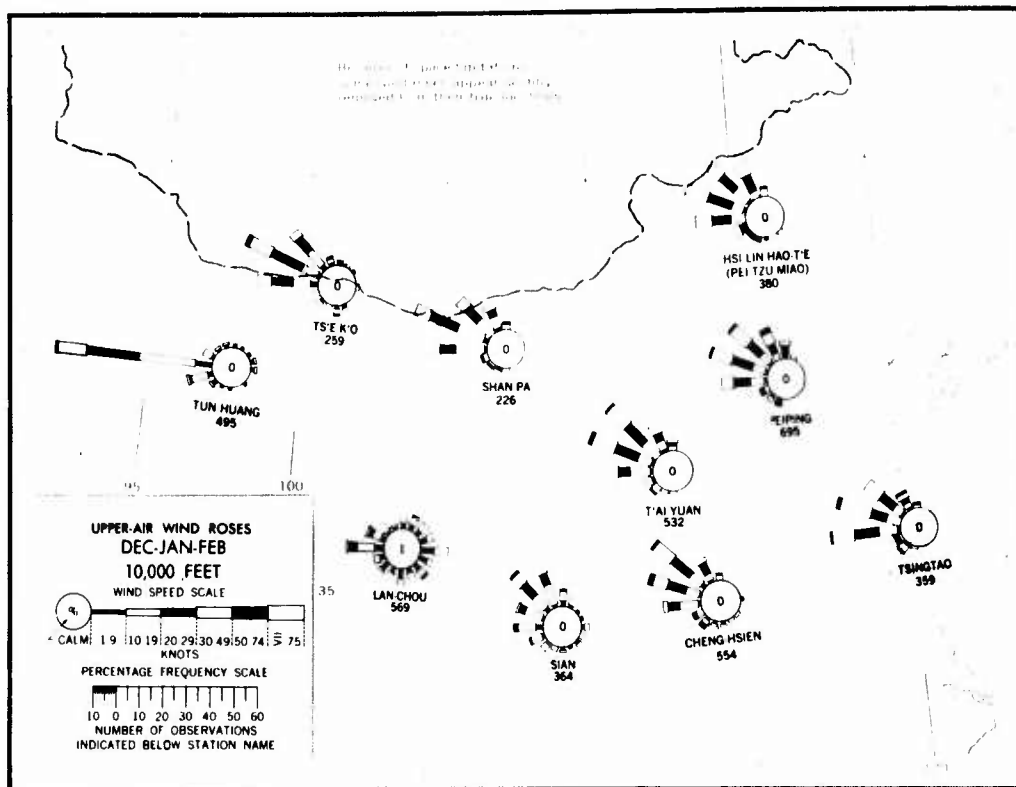
* Near but outside North China (NIS 39A, PART III Area).

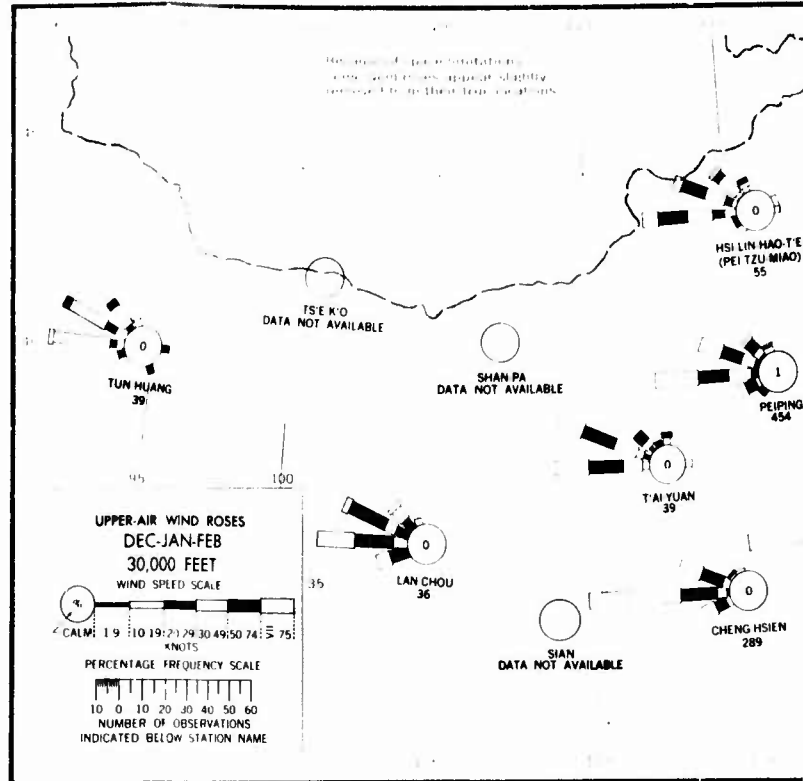
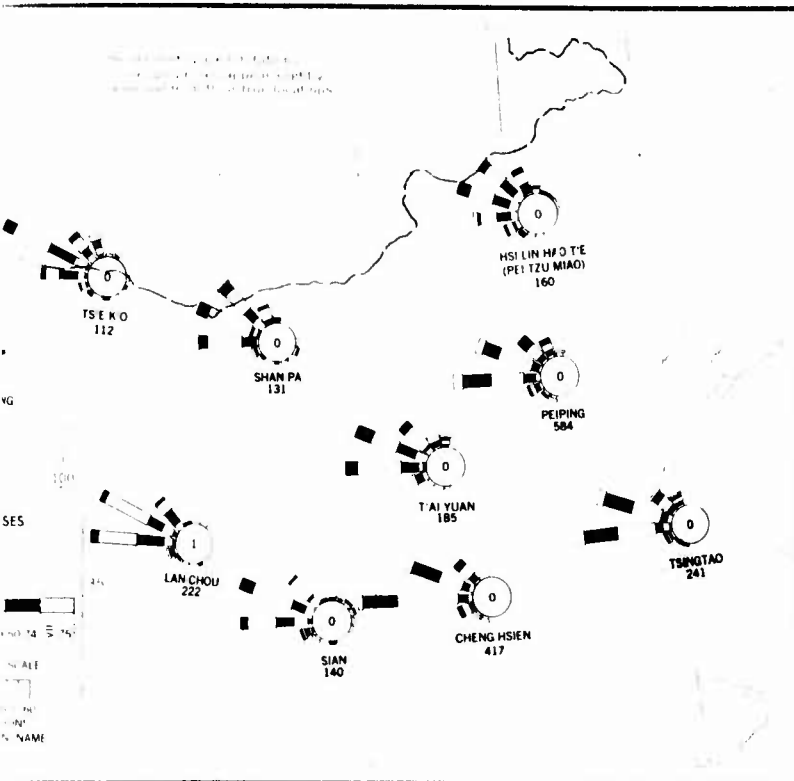
** <0.5 day.

FIGURE 52. MAXIMUM SNOW DEPTH (INCHES)

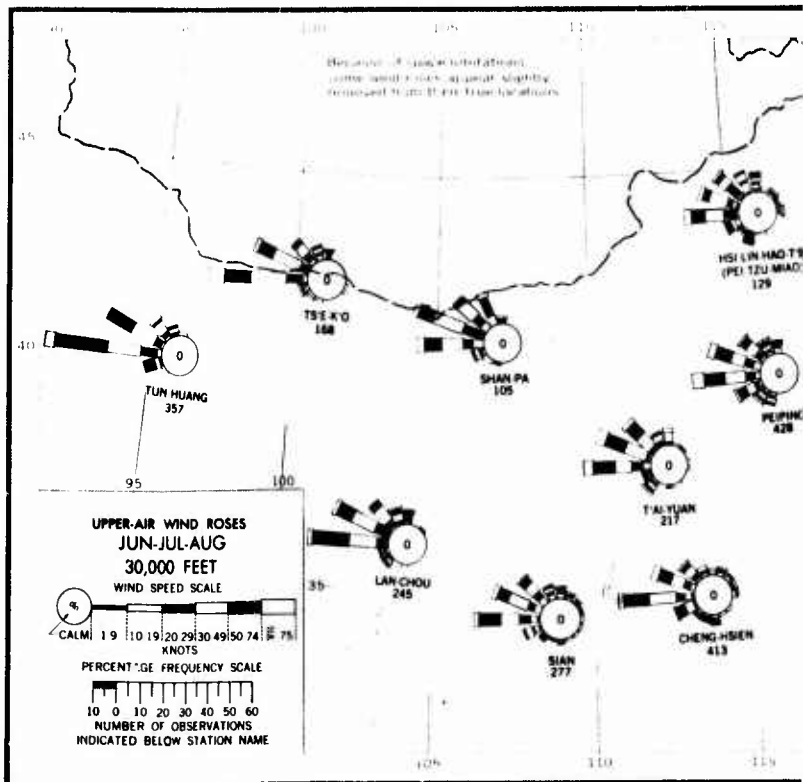
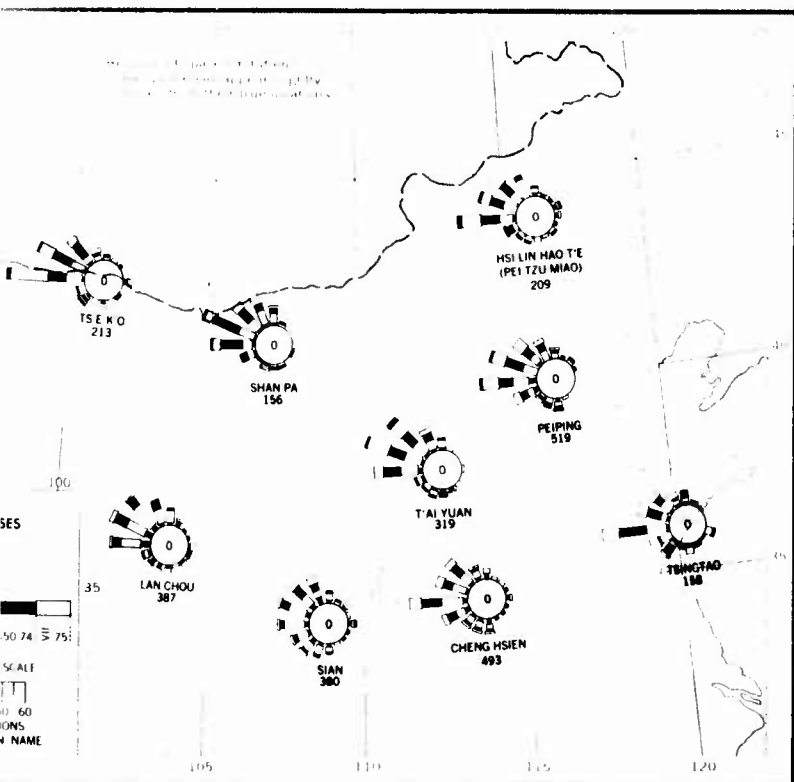
REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Plain and Hills:														
Chefoo.....	3.7	4.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	10.6	10.6	5
Ch'ing-yüan.....	2.8	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	2.8	4
Hsin-yang.....	15.8	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	17.4	17.4	5
Lo-yang.....	5.9	5.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	5.9	9.8	3
Nan-yang.....	8.7	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	10.6	10.6	4
Pang-fou*.....	13.8	6.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.0	13.8	5
Peiping.....	9.1	3.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.9	9.1	15
Po-hsien.....	6.7	2.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	6.7	3
Shih-men.....	4.1	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.5	4.1	4
Sui-p'ing.....	12.6	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	11.4	12.6	4
Tang-shan.....	1.8	2.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.0	2.7	3
Te-hsien.....	3.3	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	4.3	4.3	5
Tientsin.....	1.3	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.4	2.0	5
Tsinan.....	2.3	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	5.0	5
Tsingtao.....	0.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2
Tzu-yang.....	1.6	1.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	5
Wei-hsien.....	3.0	5.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	4.0	5.7	5
Central Highlands:														
An-k'ang.....	1.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	3
Chang-chia-k'ou.....	2.4	4.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	4.3	5
Ch'ang-chih.....	6.7	4.7	2.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.1	7.1	2
Ch'eng-te.....	3.9	6.3	7.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	6.3	5.5	7.1	10
Ching-yüan.....	0.8	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	2.4	2.4	5
Dolon Nor.....	2.8	2.8	3.7	2.0	3.5	0.0	0.0	0.0	0.0	3.1	8.5	5.5	8.5	10
Hua Shan.....	9.5	6.3	7.1	3.8	0.0	0.0	0.0	0.0	0.0	3.5	11.0	9.9	11.0	3
Kuei-sui.....	2.8	6.6	3.9	0.1	0.0	0.0	0.0	0.0	0.0	1.9	4.3	5.1	6.6	5
Kuo-hsien.....	3.5	0.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	3.5	2
Lan-chou.....	1.6	1.8	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.4	2.4	2.4	5
Lu-shih.....	4.7	5.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	4.8	7.9	4
Min-hsien.....	1.6	1.6	2.4	1.6	1.6	0.0	0.0	0.0	0.0	0.0	2.9	2.0	2.9	5
Nan-cheng.....	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	3
P'ing-liang.....	3.5	2.6	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.1	3.5	5
Sian.....	8.6	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.3	8.6	4
T'ai-yüan.....	3.5	5.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.9	5.9	5
T'ien-shui.....	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.8	2.8	5
Wei-ch'ang.....	1.8	2.4	2.0	3.5	0.0	0.0	0.0	0.0	0.0	2.8	5.9	2.8	5.9	5
Wu-ch'iao-ling.....	2.0	4.3	9.4	7.5	7.4	0.7	0.0	1.1	3.8	4.3	2.4	4.7	9.4	5
Wu-tu.....	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	4
Yü-lin.....	5.1	5.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	5.9	5.9	5
Northern Plateau:														
An-hsi.....	1.2	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	1.4	2.7	5
Chiu-ch'üan.....	0.4	5.3	1.2	0.4	0.0	0.0	0.0	0.0	0.0	2.0	1.6	1.1	5.3	4
Chung-ning.....	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	2.4	3
Hsing-hsing-hsia*.....	2.8	9.2	2.4	0.8	0.0	0.0	0.0	0.0	0.0	2.1	2.8	3.0	9.2	4
Tun-huang.....	1.2	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.0	2.0	4
Yin-ch'uan.....	2.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	5.1	5.1	5
Yü-men.....	0.8	5.2	6.3	0.4	0.0	0.0	0.0	0.0	0.0	3.3	2.8	1.6	6.3	4

* Near but outside North China (NIS 39A, PART III Area).

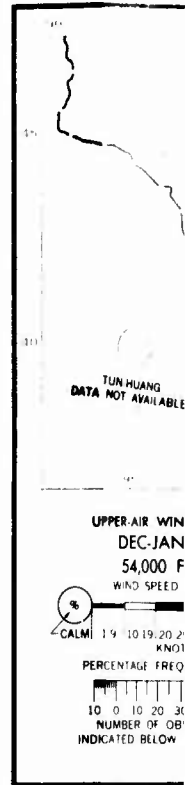
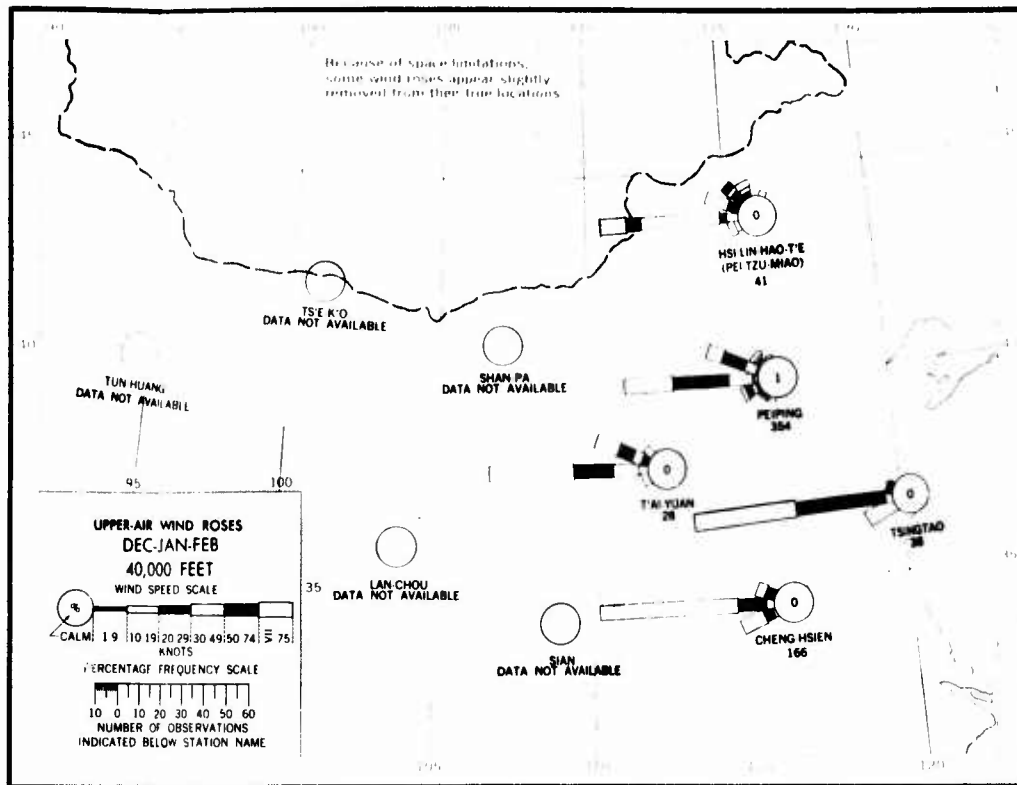
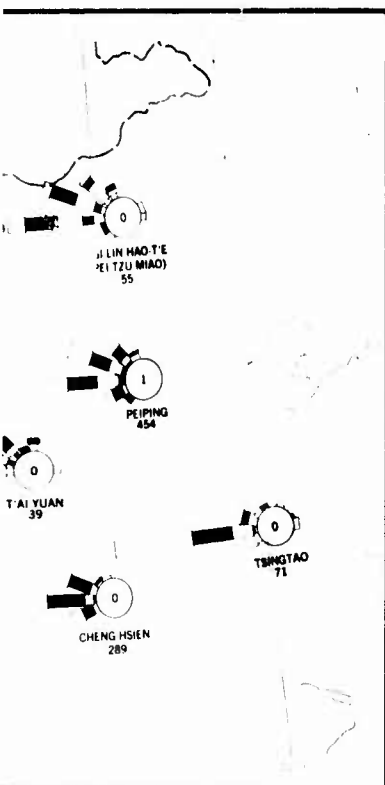




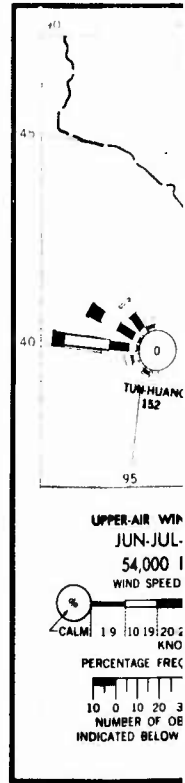
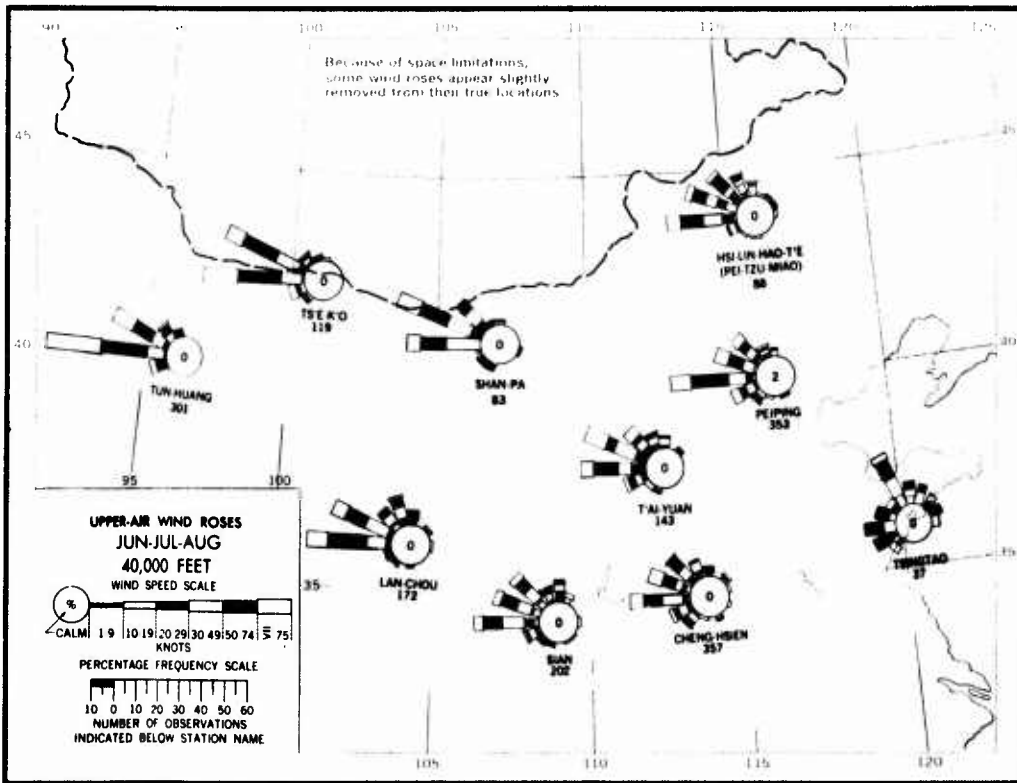
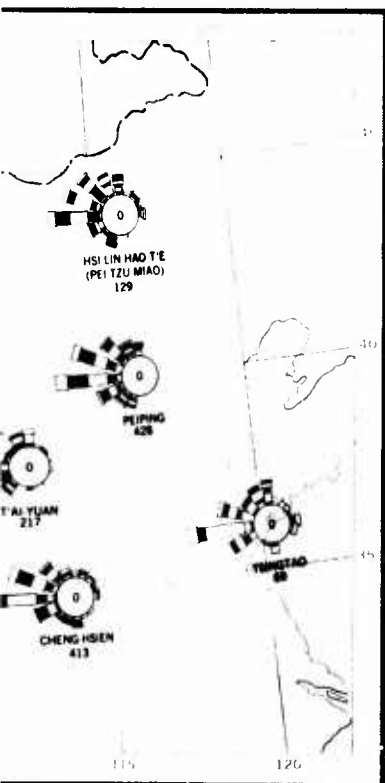
A. UPPER-AIR WIND ROSES, DECEMBER-FEBRUARY



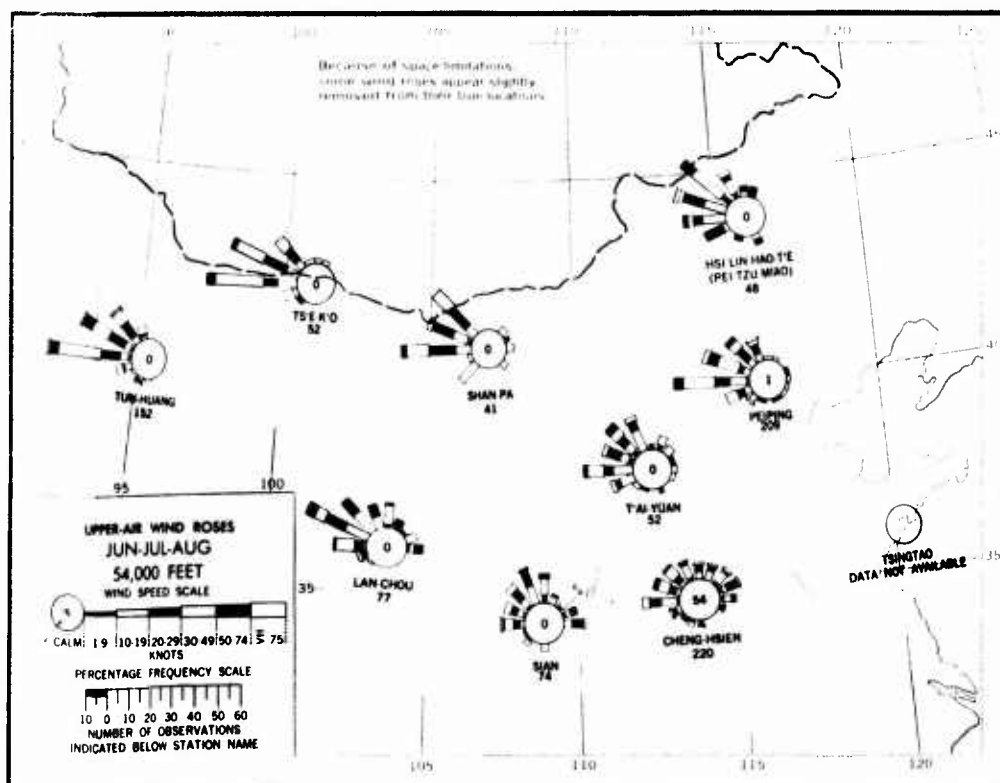
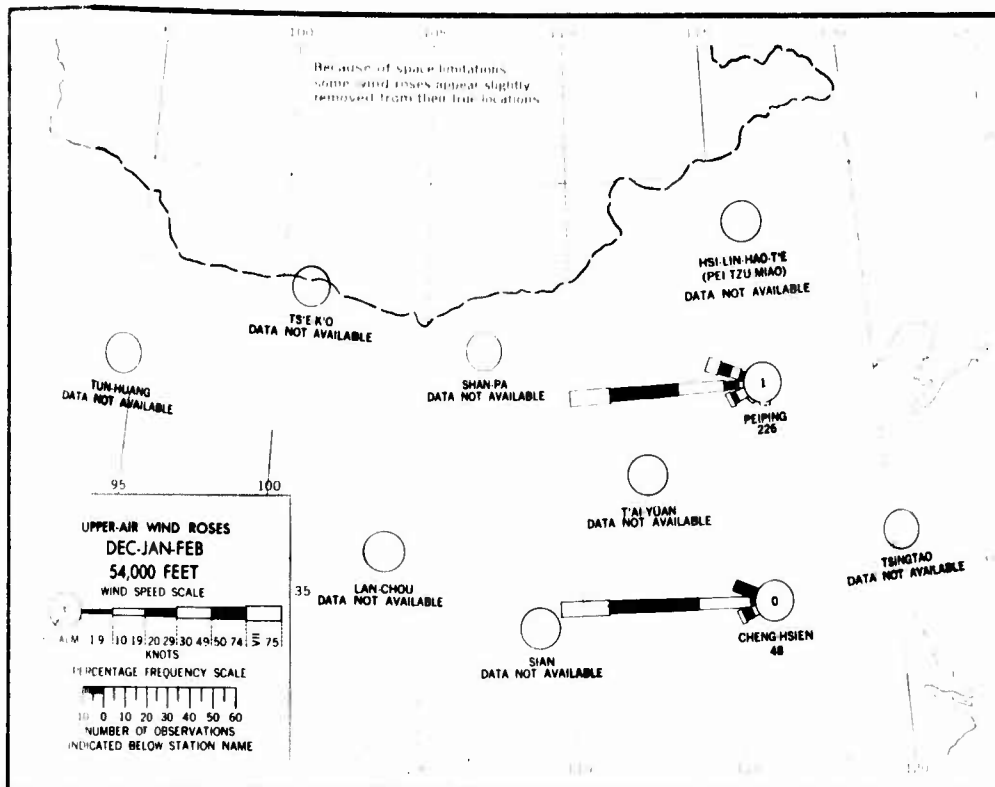
B. UPPER-AIR WIND ROSES, JUNE-AUGUST



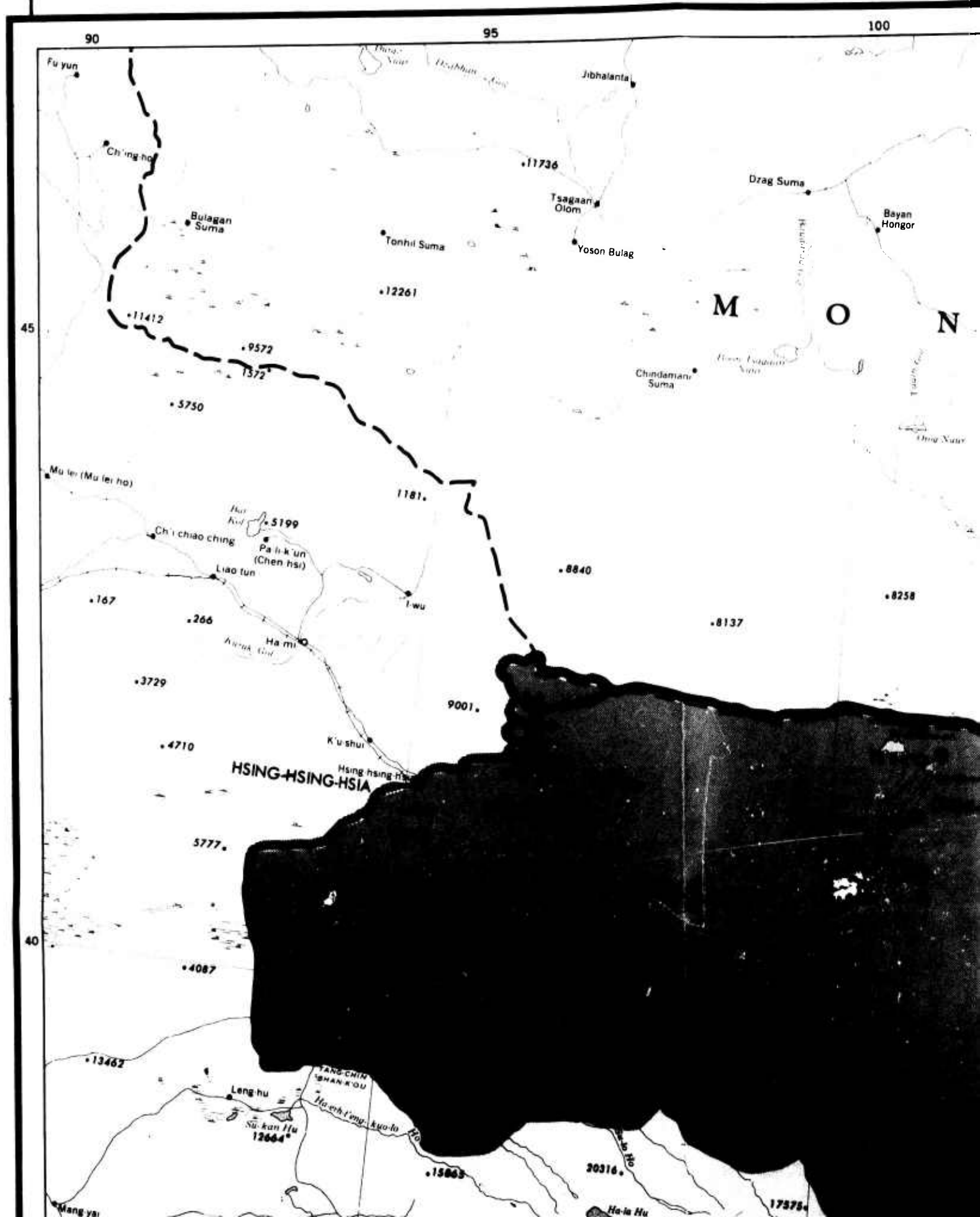
FEBRUARY



AUGUST



UPPER-AIR WIND ROSES FIGURE 53



2

105

110

3205

ULAN BATOR

Hadasan

Dzuun
Modo

Nalayha

Onkor Haan

Monho Haan
Suma

Baruun Urta

Bayshinta Sume

Choyren

4202 Hara
Ayrag Suma

Mandal
Gobi

Holodo
Suma

Sayri
Shanda

Dzamiin
Uude

Ologoy Hiid

Hatan
Bulag Suma

4378
Erii Nan

PANG-PEI
Pang pei

4378
Erii Nan

HSI-SU-NI

6506

Arbay Heere

Delger
Haan
Suma

9269

Dalan Dzagadag

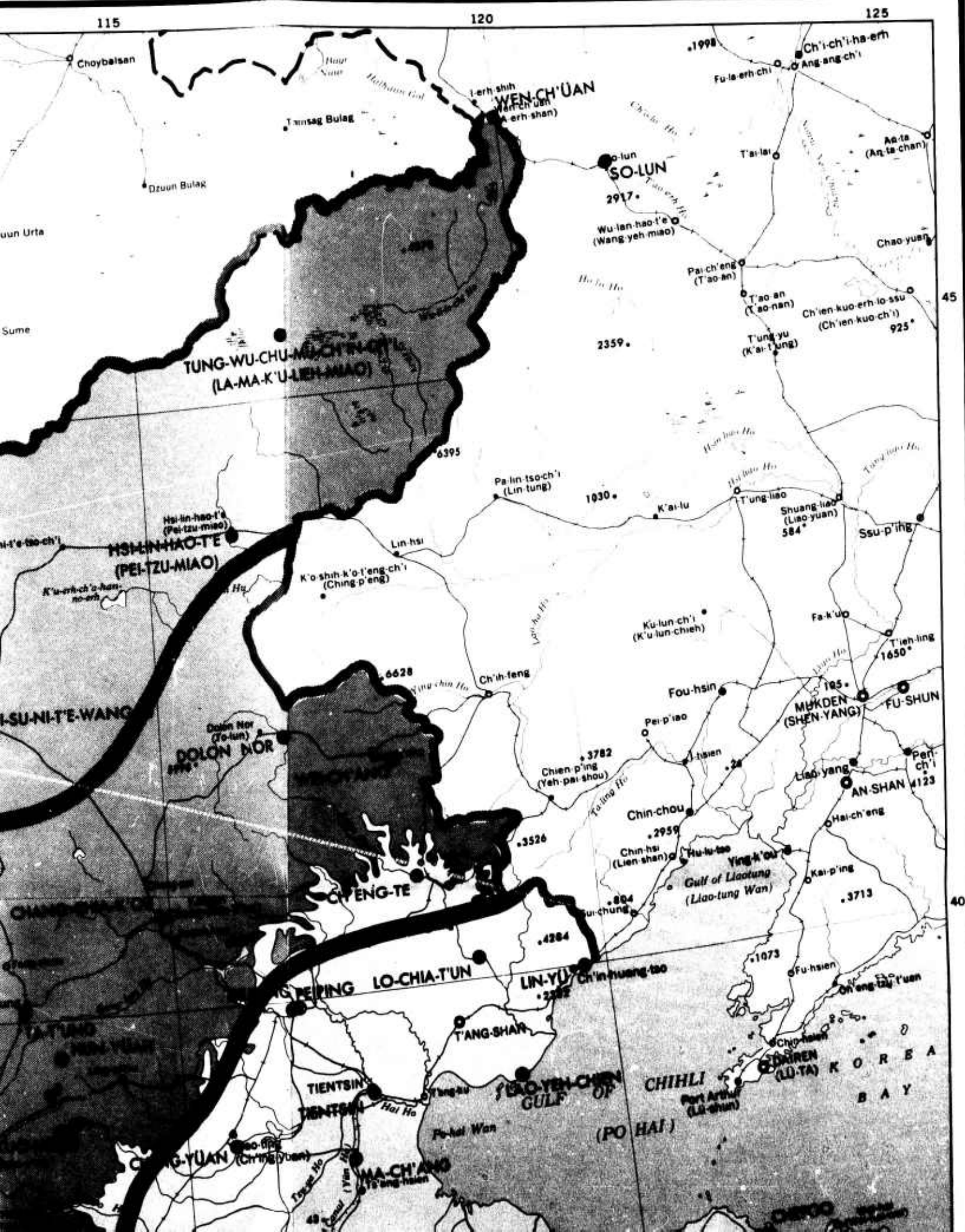
6119

2795

N G O L I A

CHINA CHU
HAN-ING TOLO-UN

III



4

LIST OF STATIONS

REGION AND STATION	LATI- TUDE*	LONGI- TUDE*	ELE- VATION	REGION AND STATION	LATI- TUDE*	LONGI- TUDE*	ELE- VATION
	'N	'E	feet		'N	'E	feet
Eastern Plain and Hills:				Central Highlands (Continued):			
An-yang.....	36 04	114 20	**300	Kuei-sui.....	40 49	111 41	3,484
Chefoo.....	37 32	121 23	150	Kuo-hsien.....	38 49	112 47	2,749
Cheng-hsien.....	34 43	113 43	350	Lan-chou.....	36 03	103 47	4,987
Ch'ih-p'ing.....	36 35	116 14	**150	Lu-shih.....	34 02	111 01	2,421
Ch'ing-yüan.....	38 51	115 32	72	Min-hsien.....	34 30	104 05	7,369
Fou-yang.....	32 57	115 50	**200	Nan-cheng.....	33 05	107 05	1,674
Hsin-t'ai.....	35 56	117 49	**1,000	P'ing-liang.....	35 32	106 43	4,593
Hsin-yang.....	32 07	114 05	259	P'ing-yao.....	37 12	112 10	**2,500
K'ai-feng.....	34 50	114 20	246	Sa-la-ch'i.....	40 33	110 30	3,360
Ko-tse.....	35 15	115 25	223	Sian.....	34 15	108 55	1,312
Lao-yeh-chien.....	39 10	118 52	**20	Sui-te.....	37 30	110 10	**4,000
Li-ching.....	37 29	118 16	**50	T'ai-yüan.....	37 55	112 31	2,625
Lin-i.....	35 07	118 24	**200	Ta-t'ung.....	40 03	113 13	3,441
Lin-yü.....	40 00	119 44	89	T'ien-shui.....	34 34	105 42	3,713
Lo-chia-t'un.....	40 11	118 31	**1,200	Wei-ch'ang.....	41 56	117 45	2,789
Lo-yang.....	34 41	112 30	472	Wu-ch'iao-ling.....	37 11	103 05	**11,000
Ma-ch'ang.....	38 40	116 52	**50	Wu-la-t'e-chung-hou-lien-ho-ch'i (Hai-liu-t'u).....	41 25	108 34	**3,800
Nan-yang.....	33 04	112 32	410	Wu-tu.....	33 23	104 41	3,576
Nei-ch'iu.....	37 17	114 31	**300	Yen Ch'ih.....	37 47	107 24	**4,500
Pang-fou***	32 56	117 23	65	Yü-lin.....	38 15	109 25	3,556
Peiping.....	39 56	116 20	167	Yün-ch'eng.....	35 03	110 55	2,564
Po-hsien.....	33 53	115 47	122	Northern Plateau:			
Shih-men.....	38 02	114 28	276	An-hsi.....	40 30	96 00	**3,500
Shih-tao.....	36 53	122 25	**75	Chi-lan-t'ai.....	39 45	105 45	3,749
Süchow.....	34 15	117 15	148	Chiu-ch'üan.....	39 46	98 34	5,061
Su-hsien.....	33 39	116 58	**150	Chung-ning.....	37 30	105 36	3,890
Sui-p'ing.....	33 10	114 00	215	Hsi-lin-hao-t'e (Pei-tzu-miao).....	43 58	116 02	3,169
Tang-shan.....	34 25	116 24	**100	Hsing-hsing-hsia***	41 47	95 07	5,630
Te-hsien.....	37 29	116 22	75	Hsi-su-ni-t'e-wang-fu.....	42 27	112 55	3,780
Tientsin.....	39 11	117 08	52	O-chi-na-ch'i.....	41 48	101 00	**3,500
Tsinan.....	36 42	117 04	95	P'ang-pel.....	43 44	112 00	**3,000
Tsingtao.....	36 04	120 19	256	Pan-ting-t'o-lo-kai.....	41 42	104 02	**3,500
Tzu-yang.....	35 33	116 50	167	Shan-pa.....	40 56	107 05	**3,500
Wei-hsien.....	36 38	119 07	206	Shan-tan.....	38 47	101 15	5,774
Central Highlands:				So-lun***	46 36	121 14	1,786
An-k'ang.....	32 42	108 56	869	Ting-hsin.....	40 20	99 45	4,068
Chang-chia-k'ou.....	40 50	114 56	**3,000	Ts'e-k'o.....	42 20	101 12	2,884
Ch'ang-chih.....	36 12	113 07	2,999	Tung-wu-chu-mu-ch'in-ch'i (La- ma-k'u-lieh-miao).....	45 31	116 58	**3,000
Ch'eng-te.....	40 58	117 50	**1,000	Tun-huang.....	40 08	94 47	3,737
Ching-yüan.....	36 34	104 40	**4,500	Wen-ch'üan***	47 09	119 58	5,338
Dolon Nor.....	42 11	116 28	3,973	Wu-wei.....	37 58	102 48	4,849
Fu-shih.....	36 35	109 29	2,953	Yin-ch'uan.....	38 25	106 16	3,658
Hsi-feng-chen.....	35 42	107 44	4,724	Yü-men.....	40 16	97 11	5,049
Hua-Shan.....	34 25	109 57	6,705				
Hun-yüan.....	39 40	113 36	**3,500				

* Coordinates give locations of weather stations and do not necessarily correspond to those for populated places.

** Approximate elevations.

*** Near but outside North China (NIS 39A, PART III Area).

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NORTH CHINA STATION LOCATIONS

● METEOROLOGICAL STATION

Locations are shown only for stations for which data are presented in text or tables.

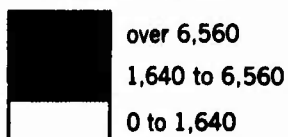
DISCUSSION REGION BOUNDARY

II CENTRAL HIGHLANDS

I EASTERN PLAIN AND HILLS

III NORTHERN PLATEAU

ELEVATION (FEET)



1640 Spot elevation (feet)

NIS boundary International boundary, indefinite



UNCLASSIFIED

95

100





STATION LOCATIONS FIGURE 54

This publication is a National Intelligence Survey component issued selectively to provide more extensive coverage on certain topical content of the General Survey (the production unit replacing Chapter I—Brief) on this NIS Area.

The General Survey is the NIS unit which provides comprehensive but concise coverage of the basic characteristics of the Area and normally consists of the following topics: Significance of the Area, Military Geography, Transportation and Telecommunications, Sociological, Political, Economic, Scientific, and Armed Forces.

The General Survey may provide the entire NIS coverage on certain or all of the basic subjects, but when appropriate for the Area and topic is selectively supplemented by separate NIS units providing more extensive coverage on principal sub-topics. Such units are published separately for flexibility in production, revision, and use.

The topics which may be given more extensive treatment or may have been previously issued as NIS units, and the basic scope and nature of their content, are set forth in the NIS Standard Instructions and the NIS Reference Guide. The Reference Guide, which may be requested through official channels, is a convenient summary of the Instructions designed particularly for NIS users.

General Surveys and other NIS units as they are published are listed in the annual NIS Production Status Report and in the cumulative quarterly supplements thereto. Previously published NIS units also are listed in the Report until replaced by General Survey coverage and/or supplementing units, or so long as they retain basic intelligence validity and are not the subject of NIS destruction notices.

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NIS maintenance units, as indicated by front cover note, supersede previously dated editions on the same topics.

The Gazetteers of geographic names approved by the United States Board on Geographic Names and issued as a separate volume for each NIS Area also are listed in the Status Report.

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