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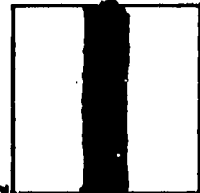
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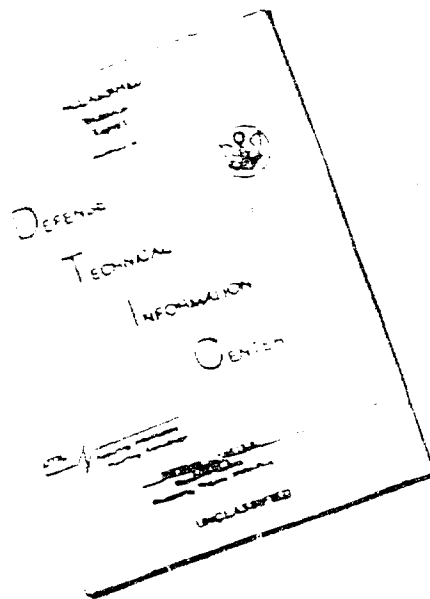
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NATIONAL INTELLIGENCE SURVEY

CZECHOSLOVAKIA

WEATHER and CLIMATE

JULY 1966



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Weather and Climate

A. General weather and climatic conditions

1. Introduction

Czechoslovakia has a temperate climate, with both maritime and continental characteristics. Winters are fairly cold, cloudy, and humid, with frequent light rain or snow. Summers are considerably less cloudy and less humid, and precipitation is frequent but somewhat heavier. Summer temperatures are moderate, with warm to hot afternoons and cool nights. This climate is the result principally of the relatively moist air reaching Czechoslovakia in the prevailing westerly flow from the North Atlantic Ocean and of the migratory pressure systems traversing or passing near the country. Occasionally there is an invasion of continental air from the east, particularly in winter, and short periods of severely cold weather may result. The varied topography also strongly affects the climate.

Temperatures are moderate during summer; in general, mean daily maximums are in the 60's and 70's (°F.) and the highest recorded maximums are in the 90's. Winters are fairly cold, with mean daily minimums mostly in the upper teens and 20's, although most locations have reported temperatures colder than -20°F. Mean annual precipitation varies from about 20 to 40 inches at most locations, but amounts range to about 65 inches in the higher mountains. Precipitation occurs on an almost equal number of days in all months, with some variation from place to place. However, the largest amounts fall in summer, usually as afternoon showers, with most places averaging 2 to 4 inches per month. Winter precipitation may persist all day or longer, usually as light rain or snow, and most locations average 1 to 2 inches per month. In the higher mountains, the amount of precipitation is considerably greater in all months, and it falls mostly as snow during the colder months. Thunderstorms occur on 3 to 8 days per month at most places in May through August but are rare in October through March. Relative humidity is high in the early morning, ranging generally from 75% to 95%, with the highest humidities occurring most often in mid-autumn through winter. Afternoon humidities are somewhat lower, ranging from about 50% to 90%, with the lowest values occurring most often in midspring through summer. In general, cloudiness is extensive, averaging about 60% to 90% in winter and 40% to 75% in summer. Low ceilings in the low-lying areas are quite frequent in winter but seldom occur in summer. In the mountains, however, low ceilings are frequent throughout the year, and clouds often obscure the mountain

tops. Visibility is better in summer than in winter and is much better in the lowlands than in the mountains. In winter, visibility is at times impaired in industrial areas because temperature inversions confine industrial smoke or other pollution to the lowest levels. Fog occurs rather frequently in winter at many locations, especially at high elevations. It is most frequent in the late night or early morning but may last throughout the day. In summer, visibilities improve considerably, except at some mountain locations where they are poor through most of the year.

Czechoslovakia is a complex area of hills and mountains, interspersed with flat to rolling plains and basins. The most rugged sections are in the east, encompassing the hills and mountains of the Carpathian Mountain arc, with secondary, less rugged highlands around the periphery of western Czechoslovakia. The most extensive plains are located in the west-central and southern parts of the country, with minor flat to rolling basins, valleys, and smaller plains scattered throughout. Elevations range from about 300 feet in the southeast to about 8,700 feet in the rugged eastern part of the Area. For discussion purposes, Czechoslovakia has been divided into three regions (FIGURE 67): 1) Western Hills and Plains, 2) Eastern Lowlands, and 3) Eastern Mountains. The areal variations of climatic elements within the country are primarily those brought about by the influences of topography. Therefore, these regional boundaries necessarily coincide with the major topographic features.

The Western Hills and Plains Region consists of a complex of hills and plains, bordered on the north, west, and south by a discontinuous chain of high hills and mountains, with only a few peaks rising above 4,000 feet. The low-lying sections generally have less precipitation than the surrounding mountains, with most of the region averaging 20 to 30 inches annually. Larger amounts, ranging up to 50 inches, occur at the higher elevations. Snow is common throughout the region but is most frequent in the higher mountains. Afternoons are comfortably warm during summer at the lower elevations, but are cool in the mountains. Although winters are fairly cold, mean daily minimums are above 20°F. except in the mountains. Cloudiness is extensive and is slightly greater in parts of this region than in the rest of the country.

The Eastern Lowlands Region consists primarily of flat to rolling plains and low hills. This region generally has less precipitation than the mountainous sections of the other regions; mean precipitation is between 20 and

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30 inches annually. Snow is less frequent and does not remain on the ground as long as in the mountains. Temperatures are similar to those in the low-lying sections of the Western Hills and Plains Region. Cloudiness is extensive, but is somewhat less than in the other regions, particularly in summer.

The Eastern Mountains Region comprises primarily the mountains and hills of the Carpathian Mountains, some of which are highly dissected and rugged and have very steep slopes. These mountains are also penetrated by numerous river valleys and are bordered by low, dissected hills. Several ranges exceed 3,000 feet, with peaks above 5,000 feet. The highest peaks, located in the north, range from about 8,500 to 8,700 feet. The differences in climate between the mountains and lowlands of the Area are largely the result of elevation. Therefore, much of this region has generally more abundant and more frequent precipitation, cooler temperatures, more cloudiness, and a greater frequency of thunderstorms than the rest of the country. Mean annual precipitation ranges between about 25 and 65 inches. Snow is more frequent, heavier, and remains on the ground longer than in the lowlands. The higher mountain peaks are snow covered the year round. Temperatures are seldom very high in summer, and winters are somewhat colder than in the lowlands of the other regions. Cloudiness is extensive throughout the year, with cloud decks at times below the mountain peaks.

The standard Northern Hemisphere seasons are used throughout this Section: winter (December through February), spring (March through May), summer

(June through August), and autumn (September through November).

2. Climatic controls

The primary factors determining the climate of Czechoslovakia are the semipermanent pressure systems that produce the large-scale atmospheric airflow patterns, the migratory pressure systems and fronts, the various air masses traversing the Area, and the mountainous terrain within and adjacent to the Area.

a. GENERAL CIRCULATION — Surface pressure undergoes marked seasonal variations over the Asian landmass to the east of Czechoslovakia and the Atlantic Ocean to the west, thereby developing separate large-scale semipermanent pressure systems. These systems—the Siberian high, the Icelandic low, and the Azores high—are largely responsible for the general circulation over the Area. FIGURE 1 shows the mean sea-level pressure distribution and general surface airflow patterns for the months of January and July.

The Siberian high begins forming in September, when cold outbreaks of air from the polar regions stagnate over central and eastern U.S.S.R. The high is firmly established by the end of October and reaches its maximum intensity in December or January. Although the mean position of the western ridge of this high extends over eastern Europe, at times it recedes eastward, allowing warmer air from the west to dominate all of Europe. Conversely, the ridge occasionally extends west of its mean position, bringing in extremely cold air from Asia. It sometimes breaks off as a separate

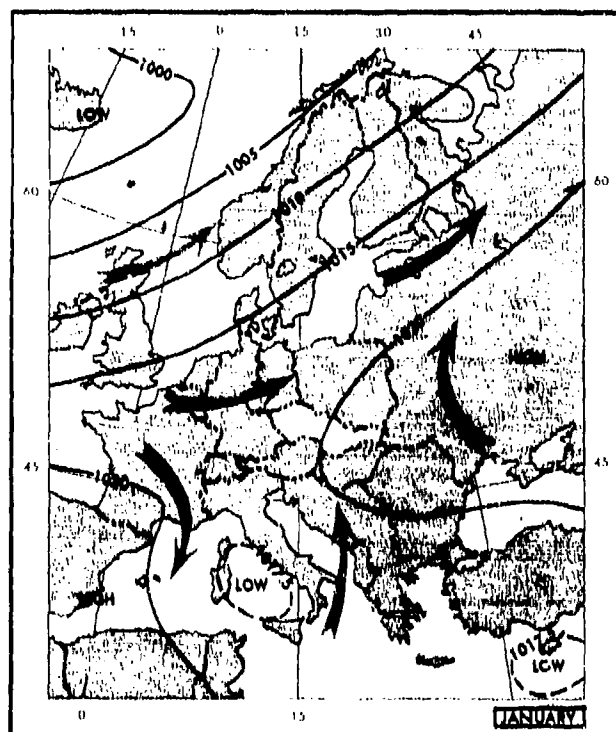


FIGURE 1. MEAN SEA-LEVEL PRESSURE (MILLIBARS) AND GENERALIZED SURFACE AIRFLOW, JANUARY AND JULY

cell and can dominate most of the European continent. The coldest temperatures of the year are usually a result of the westward extension. The Siberian high is replaced during summer by the Asiatic low, which has little effect on the climate of Czechoslovakia.

The Icelandic low, most intense in winter when it is centered just west of Iceland, strongly affects the climate. The circulation around the low brings cold maritime air into Europe, producing extensive cloudiness and precipitation for prolonged periods of time during the colder months. During summer, the low is weak and west of its winter position and generally does not affect eastern Europe.

The Azores high is strongest in summer, when it has a pronounced eastward ridge that completely dominates most of the Area and results in a weak westerly flow of maritime air over the Area. This ridge of high pressure tends to block most of the migratory lows and associated frontal systems moving into Europe, mainly because these systems are relatively weak at this time of year. During winter, the eastern extension of the Azores high is farther south, over Spain, but on occasion it extends eastward and northeastward, bringing milder weather to Czechoslovakia.

b. MIGRATORY PRESSURE SYSTEMS AND FRONTS

(1) *Extratropical cyclones* — FIGURE 2 depicts the principal tracks of cyclonic storms for January, April, July, and October. Extratropical cyclones that influence this Area are of two general classes, the Atlantic lows and the Mediterranean lows.

Atlantic lows moving across northern Europe are most frequent in autumn through spring. Fronts extending southward from these lows sweep across western Europe, frequently bringing low clouds and precipitation during their passage. Occasionally, the Atlantic lows depart from their normal track and move southeastward into central Europe, or a low-pressure cell may develop off the Atlantic coast of Spain or France and move eastward or northeastward across Europe. These lows often extend to great heights, and the center of low pressure may cross directly over Czechoslovakia, causing a period of extremely changeable weather. Summer storms are fewer and less intense than those of the other seasons.

The Mediterranean Sea area has a relatively high frequency of cyclogenesis (the formation or intensification of low-pressure systems). Some lows enter this region from the Atlantic and intensify, but others originate here. The air over the Mediterranean Sea is kept quite warm by the relatively warm surface of the water. At times in the colder months, cold air flows southward out of Europe and comes in contact with this warmer air, developing a low-pressure cell over the Gulf of Genoa, northern Italy, or the Adriatic Sea. This low-pressure cell, in conjunction with the Siberian high to the northeast, is an important contributing factor to the climate of Czechoslovakia. At the surface, the circulation around the high brings cold air into the Area from east-

ern Europe and the U.S.S.R. Aloft, the circulation around the low tends to bring from the south relatively warm, moist air, which is lifted over the westward-moving polar air, with resultant widespread cloudiness and precipitation. Cyclogenesis will usually continue in the vicinity of northern Italy or the Adriatic Sea as long as the cold air is moving into the Mediterranean. Such situations frequently last for several days, with the low-pressure centers normally moving eastward or southeastward. However, they occasionally move to the northeast, with a consequent increase in the cloudiness and the intensity of precipitation over Czechoslovakia. Mediterranean lows occur generally in autumn through spring, but are most intense during the winter months. They are uncommon during summer.

At times throughout the year, small waves form on a stationary front in western Europe and move eastward along the front. They do not normally become major lows but cause a lowering of ceiling and visibility in the immediate locale.

(2) *Anticyclones* — Throughout the year, migratory highs move into eastern Europe from the west, but they are generally of short duration except during the summer months. Primarily during the colder months, more intense highs from the east or northeast will move into Europe and on rare occasions may persist for several days or weeks. Generally clear, cold weather often accompanies these highs, but when overrunning of warmer moist air from the North Atlantic or Mediterranean occurs, extensive cloudiness and precipitation usually result.

(3) *Fronts* — The movement of fronts into Czechoslovakia and the associated weather are controlled not only by the location and strength of the Siberian high in winter and the Azores high in summer but also by the Alps and the mountains in and around Czechoslovakia. Fronts frequently move into western Europe in all seasons of the year but are most intense during the colder months, when they produce widespread cloudiness and precipitation. The zone of frontal weather in summer is usually narrow but turbulent, with rapid clearing behind the front.

During the colder months, many of the fronts sweeping across western Europe become stationary in eastern Europe or go aloft over the much colder Siberian high. The Alps, the mountains in and around Czechoslovakia, and the Siberian high are all instrumental in retarding or diverting the normal eastward movement of these fronts. However, the cold air behind these fronts often flows through the valleys and large gaps in mountains and spreads over the low plains. The fronts in or near Czechoslovakia are often interrelated with the fronts associated with the Mediterranean lows. Much of the time, weather maps of Europe show an aggregation of complex frontal systems, especially during spring and autumn.

During the warmer months, frontal systems moving into western Europe are much less intense and generally become weak, stationary, and eventually dissipate.

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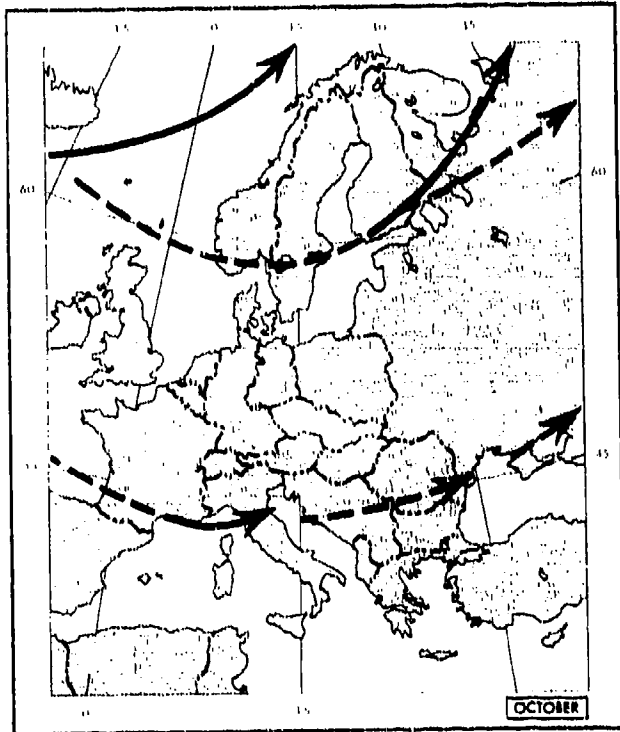
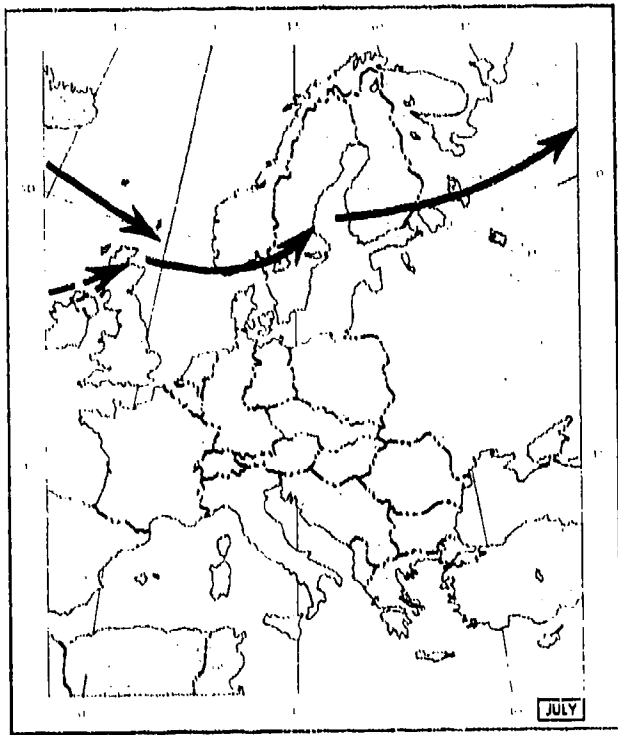
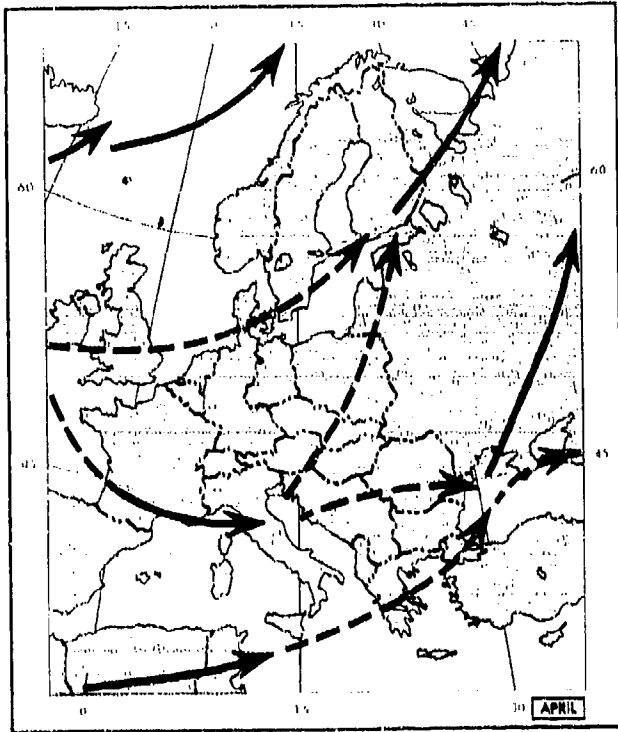
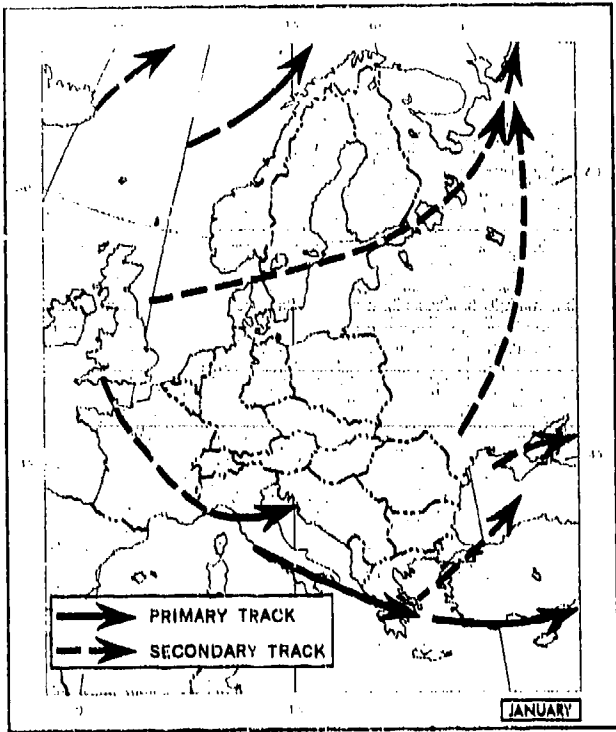


FIGURE 2. PRINCIPAL TRACKS OF CYCLONIC STORMS

near the Area. The Azores high, which extends well into Europe, is an effective barrier to most frontal systems. However, on occasion a strong front moves through from the north or northwest and results in cloudiness and precipitation patterns similar to those of the cooler months.

c. AIR MASSES — Czechoslovakia lies on the border between zones controlled by several different air masses and as a result is affected by each of them. In many cases the origin of an air mass may be difficult to determine because much mixing and modification has taken place before it reaches the country.

During the winter months, both moist air from the Atlantic Ocean and the Mediterranean Sea and dry air from eastern Europe and the U.S.S.R. affect the Area. However, the most frequent air mass over western Europe is polar maritime air that originates in the North Atlantic. During the approach of winter, when the ground is still warm and much heat is still being received from the sun, these moist air masses are rapidly modified in crossing Europe. By the time they reach Czechoslovakia, they are not very different from the air which they replace, and any adverse weather associated with their movement is primarily that occurring in the frontal zone between the two air masses. Such periods of adverse weather are normally of short duration. As winter draws near and the insolation from the sun lessens, the polar maritime air masses are not so greatly modified in passing over the land, and they remain cold and fairly shallow, giving prolonged periods of cloudiness and precipitation. Over eastern Europe, the most frequent air mass in winter is polar continental air, which originates in the Siberian high. At times, a Mediterranean low-pressure cell in conjunction with the Siberian high causes an influx of polar continental air from the east, so that a cold, fairly dry air mass is dominant over western Europe for a short period. In this air mass, when it is of sufficient depth, cloudiness is slight, even along the slopes of mountains, but there is frequent fog, smoke, and haze. However, because the cold air is relatively shallow, cloudiness and precipitation are usually widespread, when there is overrunning of warmer moist air from the south or west. Czechoslovakia, because of its central European location, is often affected in winter by a combination of these two air masses, the polar continental air to the east and the polar maritime air to the west.

One other air mass that affects Czechoslovakia, in autumn, winter, and spring, is tropical maritime air. This air is brought over the Area by the circulation around the Mediterranean lows. Most often it overruns colder air, but on occasion this air mass will be found on the surface and results in very mild temperatures.

In general, the air masses of summer are unstable. Most of the cloudiness is the result of convective activity. The most frequent air mass over the Area is modified polar maritime air brought in by the extension of the Azores high over Europe. Because this air mass

is cooler than the landmass over which it passes, afternoon showers and thunderstorms are fairly frequent. Another air mass that may influence Czechoslovakia occasionally during the summer months is tropical continental air from the east; it brings hot, dry, and almost cloudless weather.

d. TOPOGRAPHIC INFLUENCES — Czechoslovakia, situated in the Sudeten and Carpathian Mountains of central Europe, is bordered on almost all sides by mountain ranges, several of which extend far within its borders. These mountains strongly affect the climate of the Area.

In winter, the effects of the mountain systems of central and southern Europe become very important, as the colder air masses are normally shallow and must move around such obstacles. In controlling to some extent the course that these cold air masses follow, the mountain ranges also control somewhat the development of the low-pressure systems in the Mediterranean. This channelling effect is first noticeable when the cold air masses move to the northern side of the Alps. Part of the cold air will move southward through the valley of the Rhône river or through the gap between the western end of the Alps and the eastern end of the Spanish Pyrenees, thereby setting up the conditions necessary for the development of low pressure.

As spring approaches and the insolation from the sun increases, the ground gradually warms. Hence, the air masses moving in from the west are more greatly modified in crossing Europe. During the summer months, most of Europe is under the influence of the Azores high, and the resulting flow of moist air is generally deeper and less stable than in winter. Therefore, the effect of the mountain ranges on the broad-scale features is at a minimum, although terrain still affects local weather significantly.

Considerable differences in the climate often exist between mountain tops and adjoining lowlands and also between the windward and leeward sides of the mountains. In general, air which moves up the windward side of the mountain range cools, sometimes forming clouds, and if the air contains enough moisture and is lifted sufficiently, precipitation results. On the lee side, however, air moves downslope, dries out, and becomes warmer. The mountains also give rise to mountain and valley breezes and other special types of winds. The configuration of the land surface also largely controls the wind directions in mountainous sections.

3. Special phenomena

a. LOCAL WINDS — Because of the mountains that are in and around Czechoslovakia, various types of locally produced winds may occur, such as the *foehn*, the *fall* wind, and the *jet-effect* wind.

The foehn is a dry, warm, gusty wind that occurs when an air stream is forced over a mountain range. Through adiabatic compression of the air as it descends the lee slopes, the air becomes warmer and dryer before reaching the valley below. The foehn may be very effective during winter in removing snow cover. In

Czechoslovakia, the foehn occurs throughout the year but is more vigorous and attains its greatest speeds during the colder six months of the year.

A fall wind, known locally as a *poiake*, occurs when very cold air spills down the mountain slopes into the valleys and, although warmed in its descent, remains colder than the surrounding air after it has reached the valley floor. The *poiake* occurs most frequently in spring, with secondary maximums at the beginning of autumn and in winter, and is usually associated with cold polar air. It has a tendency to persist, sometimes for several days, and blows generally from the northeast. Strong wind speeds and gustiness are common; a wind of 135 knots has been recorded in the Vysoké Tatry, the highest mountain range in Czechoslovakia.

Because of the rugged topography, parts of Czechoslovakia are subjected to jet-effect winds, which are caused by the channeling of air through narrow mountain passes or canyons, resulting in increased wind speeds. There are several such passes or canyons in the Area, but the main one, known as the Moravian Gate, is situated between the Sudeten and Carpathian Mountains. During the colder months, air masses moving through the gate tend to increase in speed, especially at the narrowest part, resulting in strong northeasterly or southwesterly winds. Wind speeds in excess of 55 knots have been recorded. This funneling effect is also evident in the Moravian Gate during the summer, when air masses moving from the west are channeled through the gate and produce strong southwesterly winds.

b. FLOODS — Melting ice and snow cause high water to occur on most streams in March and April, and on the Danube in June; it lasts for 4 or 5 weeks.

During these high water periods, floods are common but are most severe in the plains. In the eastern half of Czechoslovakia, rivers periodically inundate the adjacent sections, particularly along the Morava and Oder and their tributaries. In the west, streams and rivers regularly overflow their banks in low-lying places, but the extent and duration of the flooding is generally much less than that in the east. Heavy thunderstorms or rain-showers may occasionally cause flash floods locally in summer, but these are usually short lived.

B. Weather and military operations

This Subsection is concerned with the effects of the meteorological elements upon military operations, which are here divided into three basic groups: air, air-ground, and ground surface. 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 significant factors in planning. Discussion of the effects of weather on specific operations is not attempted, because the weather factor in an operation is subject to change with the changing requirements of the operation itself.

1. Air operations

a. CLOUDINESS — FIGURE 3 depicts the mean annual cloudiness in Czechoslovakia, and FIGURE 27 shows mean monthly and annual cloudiness for a number of stations. The data in both figures are based on observations at

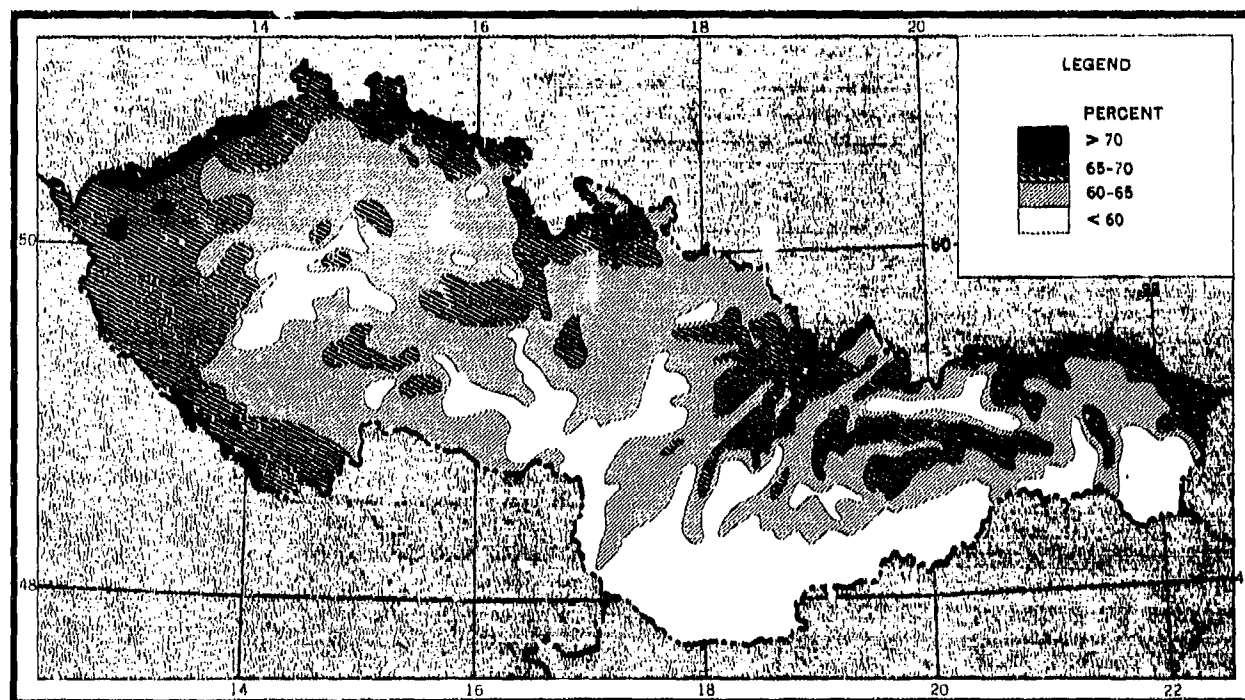


FIGURE 3. MEAN ANNUAL CLOUDINESS (%)

0700, 1400, and 2100 LST. Cloudiness is rather extensive over the Area; it averages about 55% to 75% annually, with least cloudiness generally occurring in the Eastern Lowlands. The cloudiest sections are the higher elevations in the Western Hills and Plains. Except in the higher mountains, November, December, and January are the cloudiest months; cloud cover averages about 70% to 90% in the Western Hills and Plains, 70% to 80% in the Eastern Lowlands, and 60% to 80% in the Eastern Mountains. During this time, eastward moving fronts often result in rather prolonged periods of extensive cloudiness over parts of Czechoslovakia, and Mediterranean lows sometimes cause periods of several days when clouds blanket the entire country. In the higher mountains, cloudiness is frequent, even when frontal systems are absent, and maximum cloudiness may occur at any time during the year. June through September is the period of least cloudiness at most locations, with amounts usually diminishing in the latter months. During this period mean cloudiness is about 40% to 60% in the Eastern Lowlands and about 45% to 75% in the Western Hills and Plains and Eastern Mountains Regions. Cloudiness is frequent during summer afternoons but is mostly of the convective type, and many of the mornings and the late evenings and nights may be comparatively free of cloud. After September, cloudiness generally becomes more widespread, and by November the amount of cloudiness has increased considerably. This rapid change from September to November is brought out in FIGURE 4, which depicts mean cloudiness at 1300 LST.

The diurnal variation in cloud amounts is not large over Czechoslovakia, as shown in FIGURE 28, which gives mean cloudiness at 4 hours of the day. The largest variations occur in April through September or October, when most locations experience about 15% to 25% more cloudiness during the daytime, particularly during the afternoon, than at night. Diurnal variations are usually smallest in November through January, when days average about 5% to 10% more cloudiness than nights. During this period, cloudiness is generally greatest in the early morning, shortly after sunrise.

During the colder months of the year, migratory lows and frontal systems most strongly influence the cloud patterns over the Area. Often associated with these lows and frontal systems are multilayers of altostratus, which thicken and lower as the center of the low approaches. Precipitation falling out of these middle clouds tends to saturate the air below, causing stratus clouds to form. In the vicinity of fronts and low centers, nimbostratus is common, and towering cumulus may be imbedded in the other clouds. Cloud amounts

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 at high-level visual bombing, radar bombing, aerial photography, most types of aerial reconnaissance, and fighter support and interception.

associated with these systems are not influenced by diurnal changes to any great extent, although the bases of low clouds tend to be lowest at night. During the warm months of the year, cloudiness is mostly of the convective type which builds up during the afternoon, often producing showers and in some cases thunderstorms. By sundown, most cumulus and cumulonimbus clouds either dissipate or spread out into a layer of high stratocumulus or low altocumulus. Stratus clouds occur primarily in the late night or early morning hours.

The frequency of clear and cloudy conditions is also a good indicator of the cloud distribution over Czechoslovakia and may be useful in planning various types of air operations. FIGURE 29 shows the mean number of clear days (mean cloud cover less than 2-eighths), and FIGURE 30 gives the number of days with similar conditions at specified hours. FIGURE 31 presents the mean number of cloudy days (mean cloud cover greater than 6-eighths), and the frequency of cloudy conditions at specified hours is given in FIGURE 32. FIGURE 5 is a graphic presentation of the frequency of days with specified cloud amounts at 1300 LST. Clear days are not frequent in Czechoslovakia. Considering the mean cloud cover for the entire day, 5 or less clear days per month is the general rule throughout the Area except during August and September, when many stations report 6 to 9 clear days per month. In general, there is a tendency for clear conditions to be most frequent after midnight and least frequent around midday, with the largest diurnal variations in the warmer months. FIGURE 30 shows clear conditions to be most frequent at 0100 LST in spring through midautumn, when they occur on about 10 to 20 days per month at most places. During the rest of the year, clear conditions at 0100 LST usually occur on less than 10 days per month. Clear skies are least frequent in the afternoon, with generally little variation throughout the year. Although there are a few exceptions, clear skies at about 1300 LST occur on less than 10 days in most months, the best time of the year usually being late summer to midautumn.

Cloudy days occur most often in November through January, when skies may frequently be cloudy both night and day for fairly long periods. Considering the mean cloud cover for the entire day, most locations average about 15 to 20 cloudy days per month during this period. Cloudy days are least frequent, less than 10 per month at many places, in May through September. As shown in FIGURE 32, diurnal variations of cloudy conditions are very small in the colder months, when cloudiness is extensive. For example, in November through January, most locations observe cloudy skies on about 20 to 25 days per month at all of the specified hours. Diurnal variations are considerable during the warmer months because of the widespread cumulus activity in the afternoon and its dissipation after dark. Consequently, cloudy skies are observed least often near 0100 LST, occurring generally on 10 to 15 days per month.

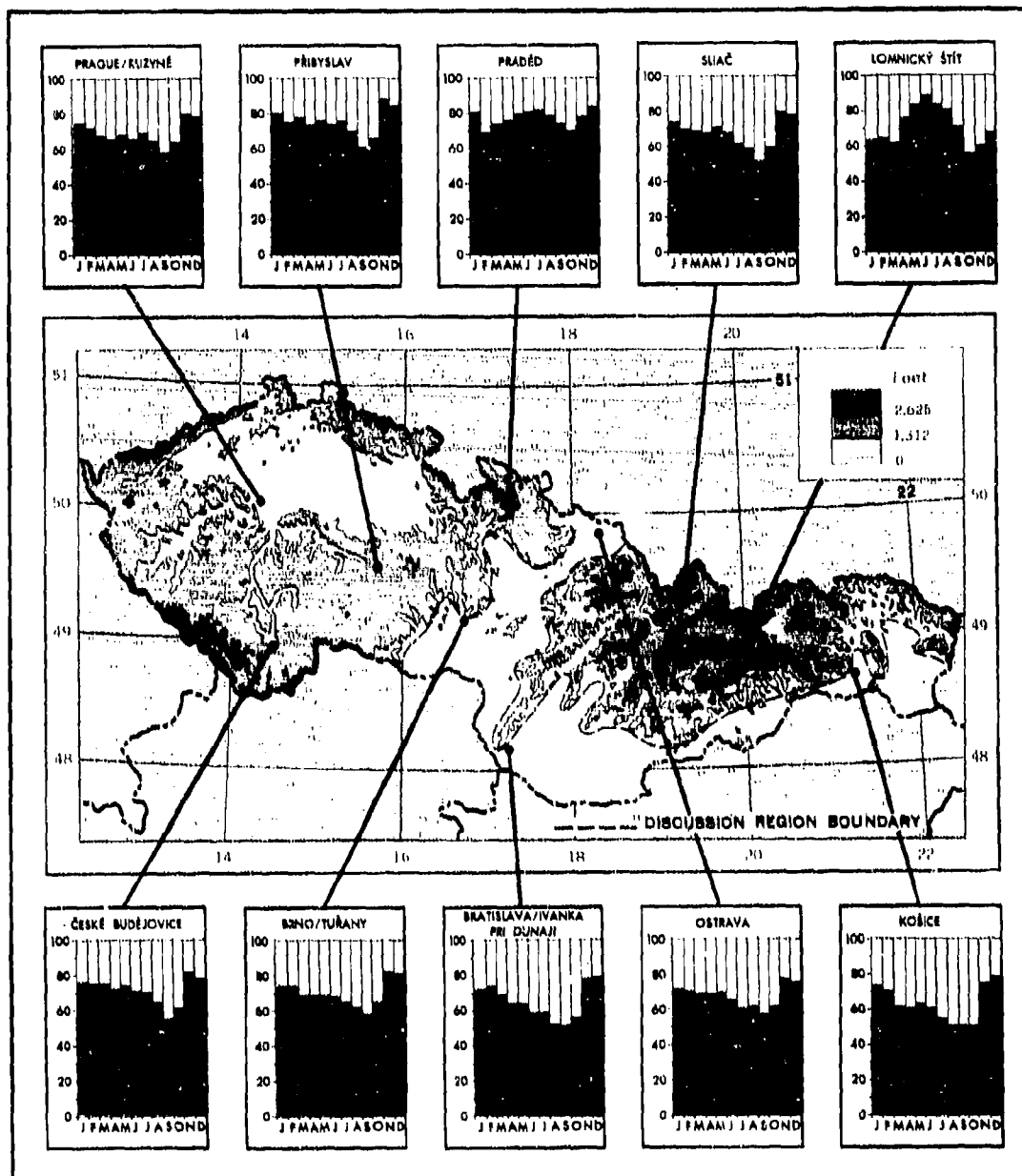


FIGURE 4. MEAN CLOUDINESS (%) AT 1300 LST. (For tabular data see FIGURE 28.)

and most often near 1300 LST, occurring on 15 to 25 days per month.

Certain types of air operations, such as visual bombing and visual or photographic reconnaissance, require a combination of nearly clear skies and adequate surface visibility for best results. Figure 33 gives the mean number of days with cloud cover equal to or less than 2-eighths and visibility equal to or greater than 2½ miles at specified hours. Generally, this combination of conditions is most prevalent at night, particularly near 0100 LST, in midspring through midautumn, when it occurs on about 10 to 20 days per month. However, during the day throughout this period and at all hours during the remainder of the year, these favorable cloud and

visibility conditions are observed on less than 10 days per month at most places.

b. THUNDERSTORMS AND TURBULENCE — Thunderstorms are rare in October through March, but when they do occur they are usually associated with frontal systems. In May through August, thunderstorms are at a maximum, occurring on 3 to 8 days per month at most localities, and they most often result from afternoon convective activity. Figure 6 shows the mean annual number of thunderstorms. The data used to construct this map show that 1 to 3 thunderstorms normally occur on a given thunderstorm day. The mean number of days per month with thunderstorms appears in tabular form

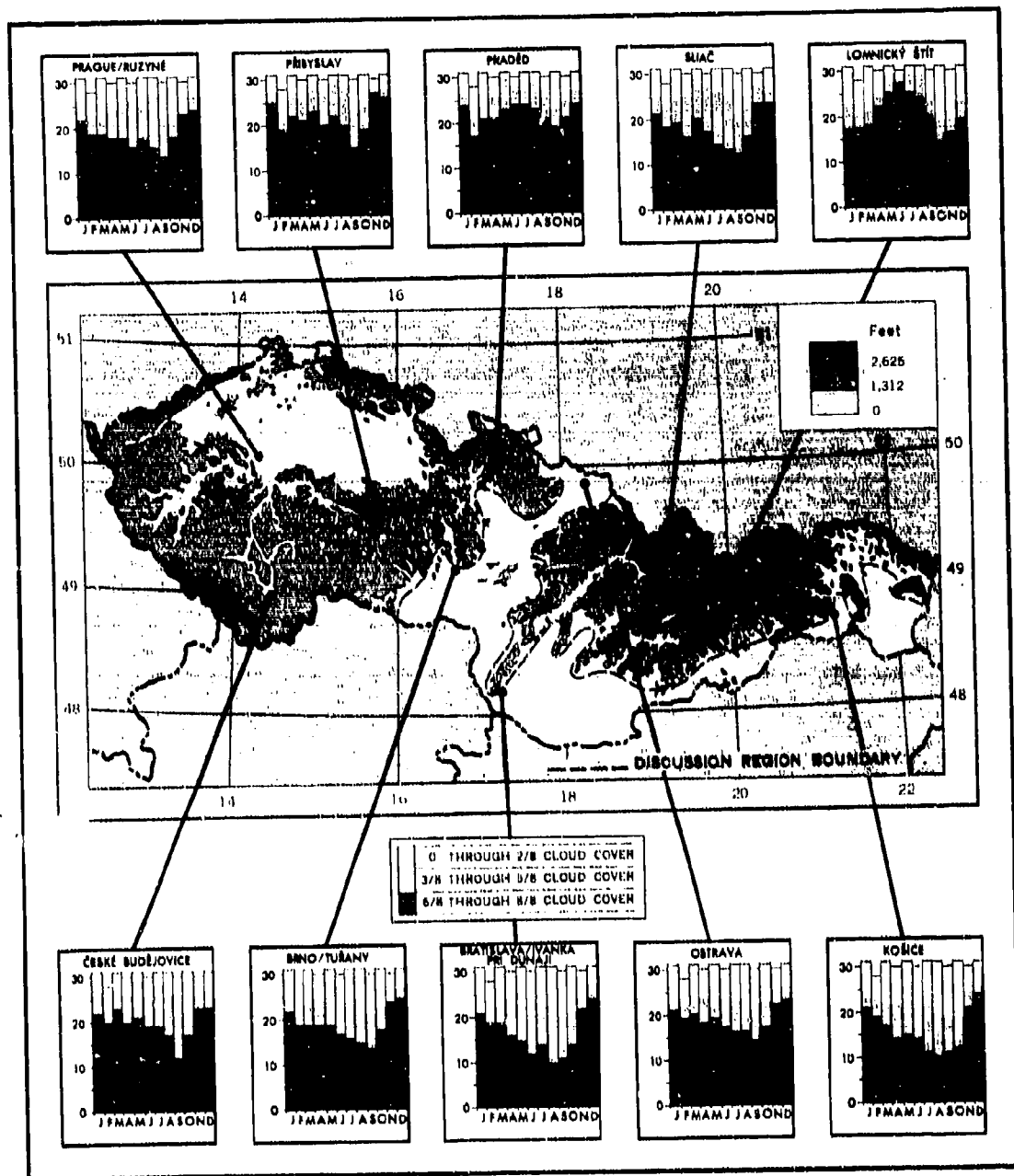


FIGURE 5. MEAN NUMBER OF DAYS WITH SPECIFIED TOTAL CLOUD COVER AT 1300 LST. (For tabular data see Figures 30 and 32.)

in Figure 34. Thunderstorms sometimes occur at night, but in general they occur most often in early or mid-afternoon. Thunderstorms occurring after midnight are most likely in the Eastern Mountains, with the lowest frequency around sunrise. Throughout the Area, thunderstorms are most frequent in the mountainous sections, especially in the Eastern Mountains, and least frequent in the southwestern sections of the Eastern Lowlands and at many places in the Western Hills and Plains. The amount of activity at any one locale depends to a large measure on whether the locale is exposed to or sheltered from the prevailing winds.

Data on hail and on the intensity and vertical development of thunderstorms are not available. However, the tops of thunderstorm clouds probably reach 30,000 feet very often and may extend much higher at times. Hail is probable at both the surface and aloft in the more severe storms. Thunderstorms are usually an indication of severe turbulence in clouds and of moderate to severe turbulence in their immediate vicinity. However, towering cumulus and cumulonimbus clouds are normally visible, and aircraft can usually circumnavigate them.

Föhn winds, which move down the slopes of mountains, are frequently accompanied by violent down

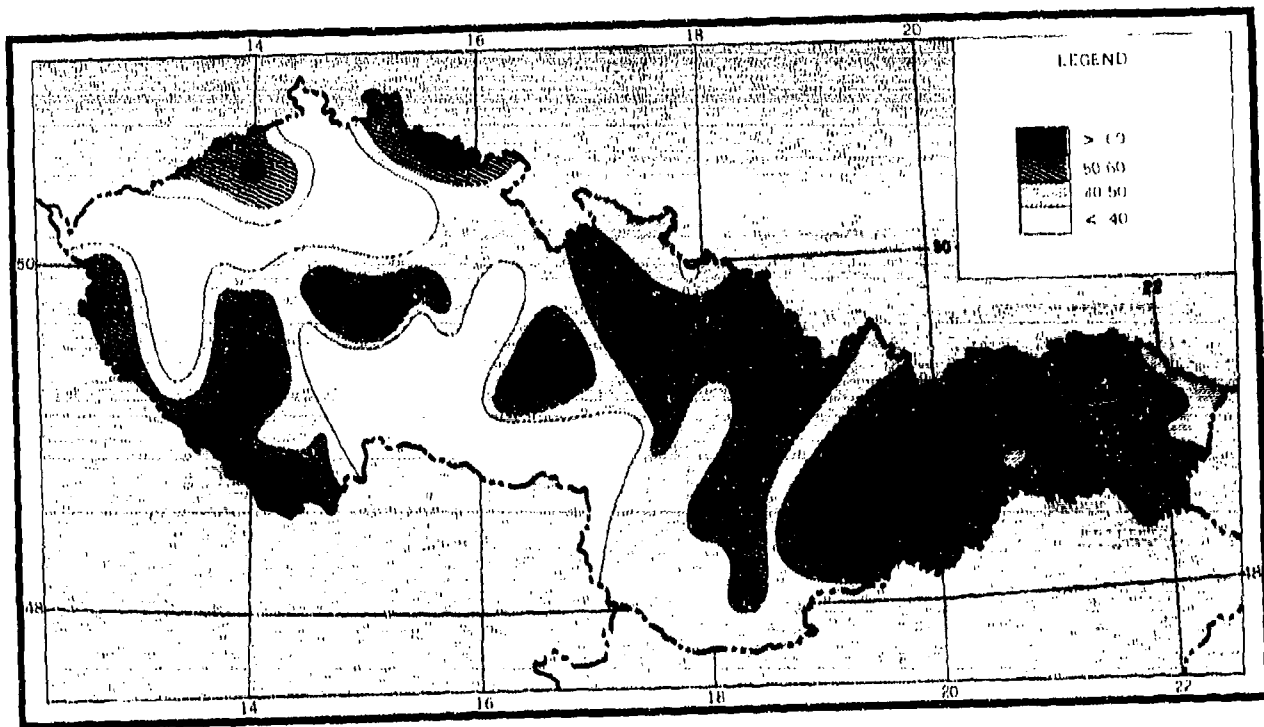


FIGURE 6. MEAN ANNUAL NUMBER OF THUNDERSTORMS

drafts, and aircraft engaged in very low-level operations should use extreme caution in mountainous terrain. Strong winds blowing across a mountain barrier may distort the airflow for several thousand feet above and in the lee of the mountain and at times produce severe turbulence. Therefore, the lee side of the mountain is a particularly dangerous area for aircraft. Light to moderate turbulence is found in the free air at low levels throughout the year. In summer, it results from surface heating, and at other times it may be caused by strong low-level winds, such as the jet-effect wind. Clear-air turbulence, resulting from strong winds near the tropopause, may also be present at times.

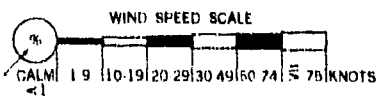
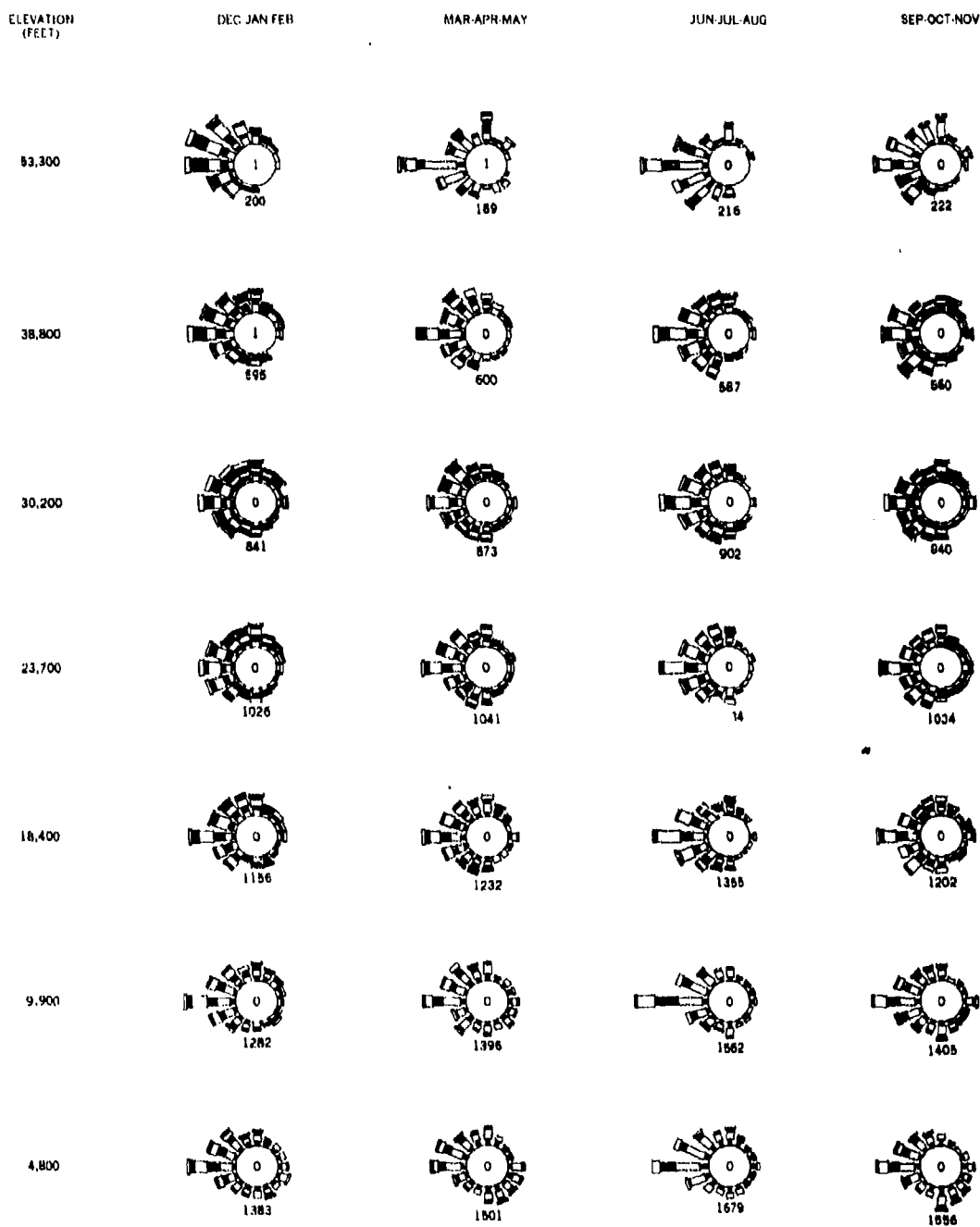
c. UPPER-AIR WINDS — The upper-air wind pattern over Czechoslovakia is represented by the wind roses in FIGURES 7 and 8. Throughout the year, westerly winds prevail at nearly all altitudes between about 5,000 and 55,000 feet, although there is considerable variation within the west quadrant at most levels. In general, winds are somewhat stronger in winter than in summer. Wind speeds greater than 50 knots are infrequent below 10,000 feet, occurring about 5% to 10% of the time during the winter and less than 5% of the time during the remainder of the year. Above 10,000 feet, speeds increase with height and are strongest generally between 30,000 and 40,000 feet. Extremely strong winds are not frequent at any level. Wind speeds of 75 knots or greater are most likely in autumn and winter between 30,000 and 40,000 feet, occurring about 10% to 15% of the time. Speeds in excess of 100 knots occur only 2% or less of the time except between 30,000 and 35,000 feet in winter, when they occur about 5% of the

time. Speeds in excess of 150 knots are rare, occurring primarily in autumn and winter between 30,000 and 45,000 feet.

d. UPPER-AIR TEMPERATURES AND AIRCRAFT ICING — The mean monthly upper-air temperature, pressure, and tropopause height for Prágu/Ruzyné are shown in FIGURE 9 and are representative of all of Czechoslovakia. The seasonal variation in the mean height of the constant-pressure levels is rather small in the lower part of the troposphere but increases with increasing altitude, becoming about 500 feet at 700 millibars, 1,600 feet at 300 millibars, and 2,000 feet or more at 150 millibars and above. The greatest seasonal temperature variation is near the surface, with about 20 centigrade (Celsius) degrees between the hottest and coldest months. This variation decreases with height to about 10 degrees at 30,000 feet and about 5 degrees or less at 45,000 feet and above. At altitudes below about 20,000 to 25,000 feet, temperatures are subject to considerable deviation from the mean. At higher altitudes they are somewhat more stable.

The mean height of the tropopause varies from about 35,000 feet in January and February to about 39,000 feet in July. The mean height of the freezing level varies from near the surface in December through February to about 12,000 feet in July and August. Because of the greatly contrasting air masses that affect Czechoslovakia, however, day-to-day variations of several thousand feet in the actual height of the freezing level may occur in autumn, winter, and spring. At times, the over-running of warm air over cold air during the colder

UPPER AIR WIND ROSES
PRAGUE/RUZYNE



NUMBER OF OBSERVATIONS
INDICATED BELOW EACH ROSE

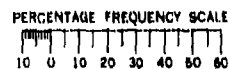
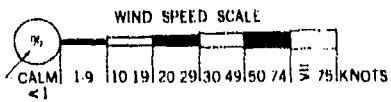
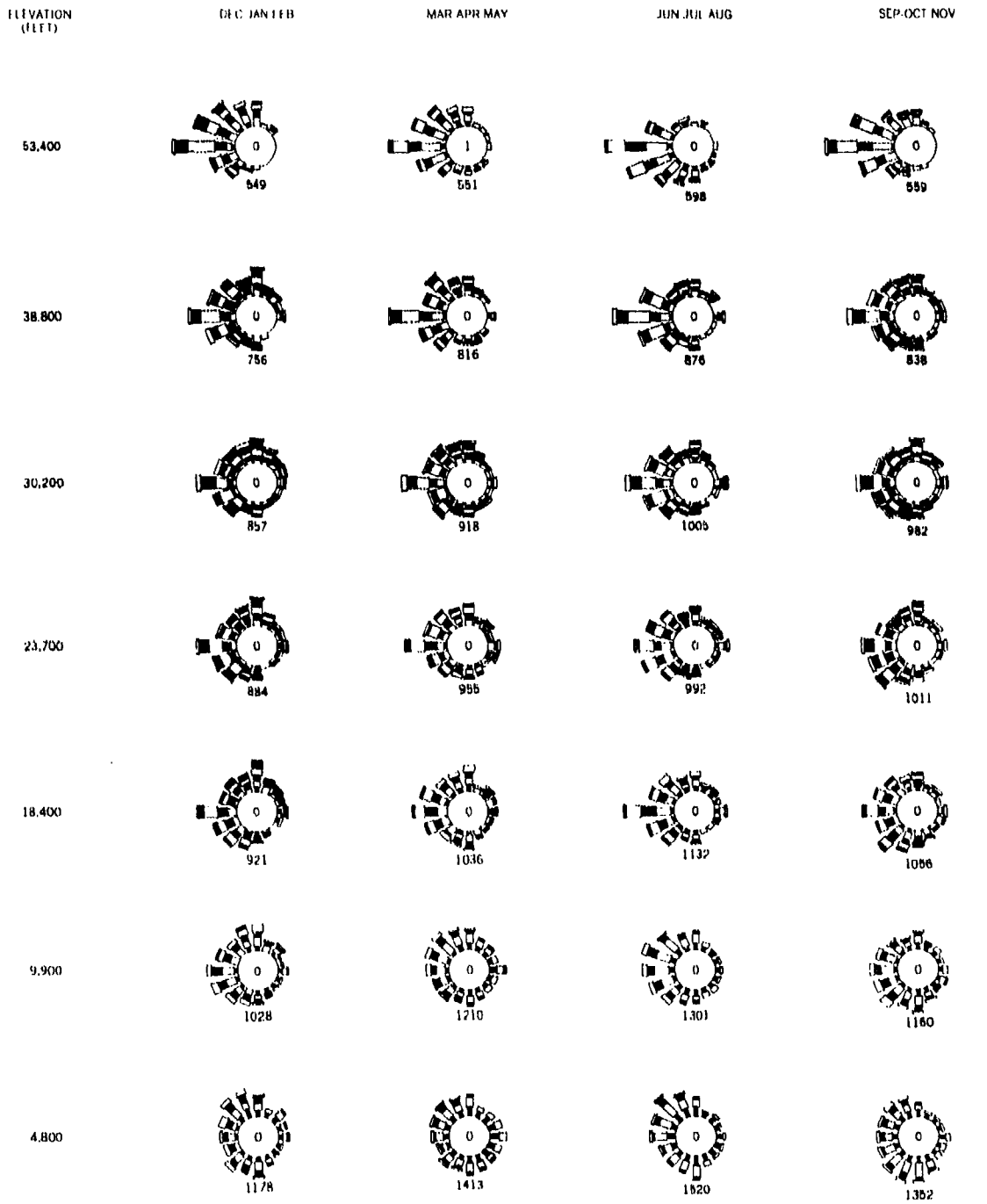


FIGURE 7. UPPER-AIR WIND ROSES, PRAGUE/RUZYNE

UPPER AIR WIND ROSES BUDAPEST/LÖRINC, HUNGARY



NUMBER OF OBSERVATIONS
INDICATED BELOW EACH ROSE

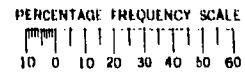


FIGURE 8. UPPER-AIR WIND ROSES, BUDAPEST/LÖRINC, HUNGARY

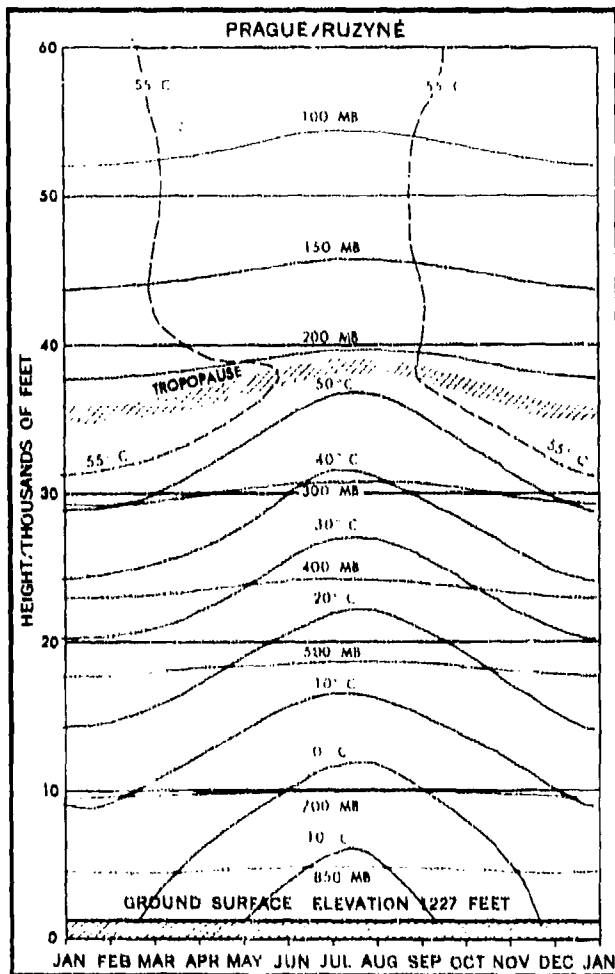


FIGURE 9. MEAN MONTHLY UPPER-AIR TEMPERATURE AND PRESSURE AT PRAGUE/RUZYNE

months may produce more than one freezing level, if the overrunning air is warmer than 0°C.

One of the chief effects of upper-air temperature on air operations is that, under certain synoptic conditions, icing on aircraft might become a hazard. In general, temperatures between 0°C. and -20°C. are normally regarded as the most critical. Because air that is colder than -20°C. usually contains very little moisture, only light rime ice will be encountered. In winter, when stratus-type clouds predominate and rime ice is the usual type of ice encountered, icing conditions are not often dangerous to aircraft unless sustained flight is made through the clouds. However, at those times when Mediterranean lows are active, dangerous icing conditions may occur over the whole country. This is caused by the increased moisture brought in from the south, with thicker cloud layers and the possibility of cumulonimbus clouds being imbedded in the stratus layers, especially in spring. In summer, towering cumulus and cumulonimbus clouds contain dangerous icing conditions, but these clouds can be seen and usually avoided unless associated with frontal systems.

2. Air-ground operations

a. **LOW CLOUDINESS AND CEILINGS** — In most military operations that involve the use of aircraft at relatively low levels the height of the base of the clouds above the terrain is very important, especially in the mountainous sections. FIGURE 10 depicts the frequencies of ceilings less than 656 feet and less than 1,968 feet in the early afternoon, while FIGURE 35 and 36 give tabular data for 4 hours of the day.

Ceilings are less than 656 feet much more often in the higher mountains than at the lower elevations throughout the year. Most locations at the lower elevations experience low ceilings most often in late autumn through early spring, when the 6-hourly observations show frequencies of 10% to 25%. Low ceilings are observed least often in late spring through early autumn, occurring less than 5% of the time except near sunrise, when they occur as often as 10% to 15% of the time at some places. Throughout the year, low ceilings are generally most frequent near sunrise and least frequent in the afternoon or early evening at the lower elevations. In the mountains, ceilings are often low in all seasons. At the higher elevations the frequencies of ceilings below 656 feet range from about 40% to 80%, depending on the season, the time of day, and the height of the station. In general, however, low ceilings occur more frequently in the cold months than in the warm months, and the maximum occurrence is in the afternoon. The major exception to this general pattern is in the most rugged parts of the Eastern Mountains. Here, this seasonal trend is reversed, particularly in the afternoon, when low ceilings are observed about 25% of the time in winter and 65% to 85% of the time in summer.

Ceilings below 1,968 feet follow a pattern very similar to that of low ceilings but are considerably more frequent in the lowlands. The lower elevations have ceilings below 1,968 feet most often in late autumn through early spring, when such ceilings are reported on 20% to 60% of the observations, and least often in late spring through early autumn, when they are reported on less than 25% of the observations. However, the 6-hourly observations at some of the lower elevations in the northwestern part of the Western Hills and Plains Region show frequencies of as much as 85% in the colder months and 50% in the warmer months. Throughout the Area, diurnal variations are not pro-

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.

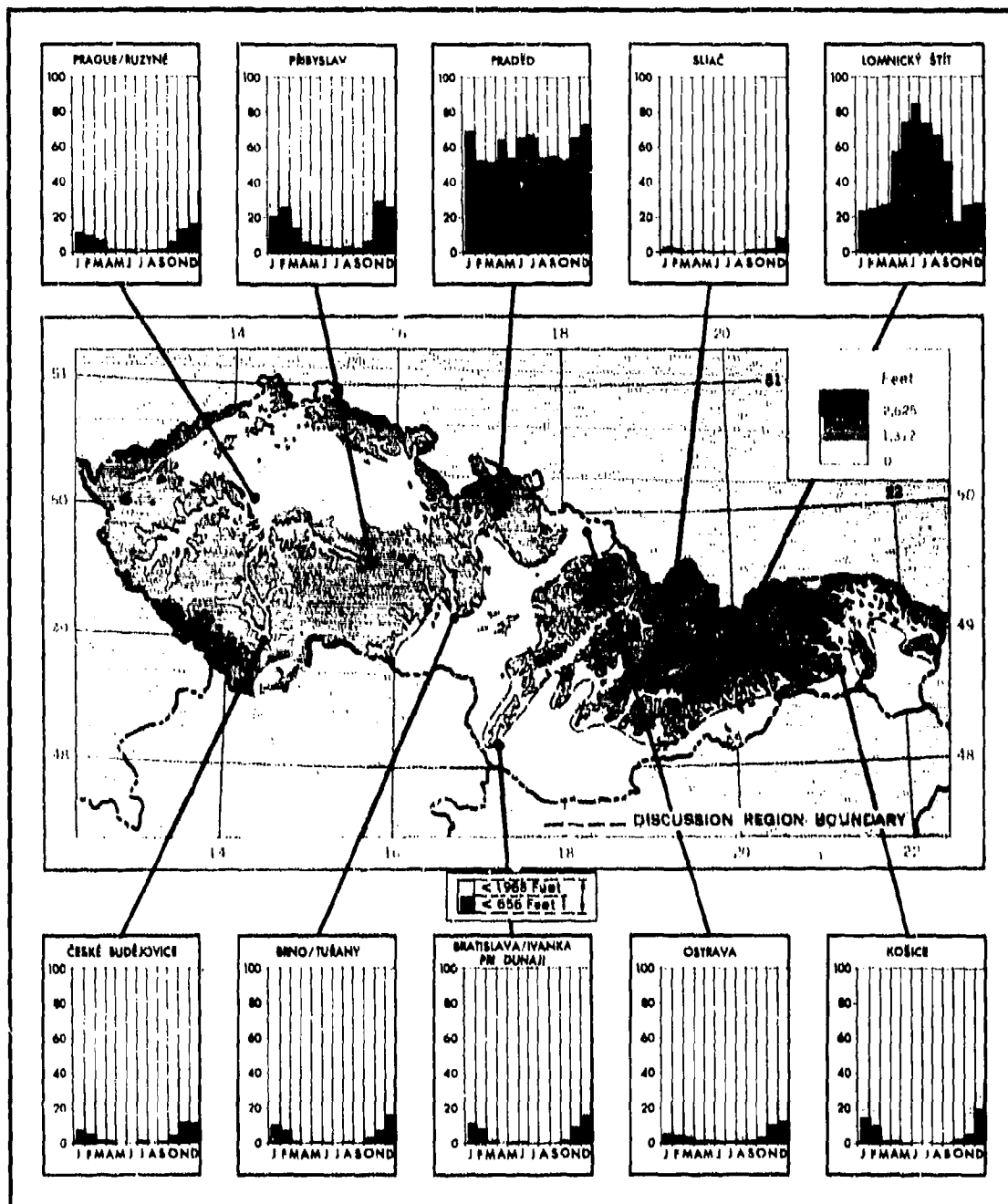


FIGURE 10. PERCENTAGE FREQUENCY OF SPECIFIED CEILINGS AT 1300 LST. (For tabular data see FIGURES 35 and 36.)

nounced at the lower elevations, but in general, ceilings this low are most frequent near sunrise and least frequent in the afternoon or early evening. The higher mountains over the Area have ceilings below 1,968 feet about 25% to 85% of the time, the frequency varying with the season, time of day, and elevation. In general, these ceilings occur most often during the colder months and least often in the warmer months during all hours of the day, except the afternoon, when this seasonal trend is reversed. Afternoon is usually the time of maximum occurrence at these higher elevations.

FIGURE 37 shows in tabular form the mean number of days with low cloud cover equal to or less than 2-eighths at 4 hours of the day. Low cloud cover is defined as the lowest cloud layer reported, excluding cirriform clouds. Skies with 2-eighths cloud cover or less, considering only the cloudiness at the lower levels, may be favorable for many types of air-ground operations. Generally, conditions are most often favorable in the Eastern Lowlands and least often favorable in the Western Hills and Plains. Clear skies at low levels are most frequent in late spring through early autumn,

occurring on about 15 to 25 days per month except in the afternoons, when they occur less frequently. Clear skies are less frequent in late autumn and winter, usually occurring on less than 15 days per month during all hours. Diurnally, clear conditions occur most often near midnight at most locations and least often in the afternoon. Data concerning 8-eighths or more low cloudiness are presented in FIGURE 38. These data may be useful in planning certain types of air-ground operations.

b. VISIBILITY — As shown by FIGURE 11, which depicts the frequency of visibility less than $2\frac{1}{2}$ miles at

0700 LST and 1300 LST, low visibilities are common in many sections of the country. Visibility is more often restricted in the mountainous sections than in the lowlands. In general, visibility is poorest from about mid-autumn through early spring and is best from about midspring through early autumn. Diurnally, visibility is worst near sunrise and best in the afternoon and early evening, except at some higher mountain locations where the worst conditions occur in the afternoon during the warmer months. FIGURES 39 through 41 show in tabular form the frequency of visibility less than $\frac{1}{2}$ mile

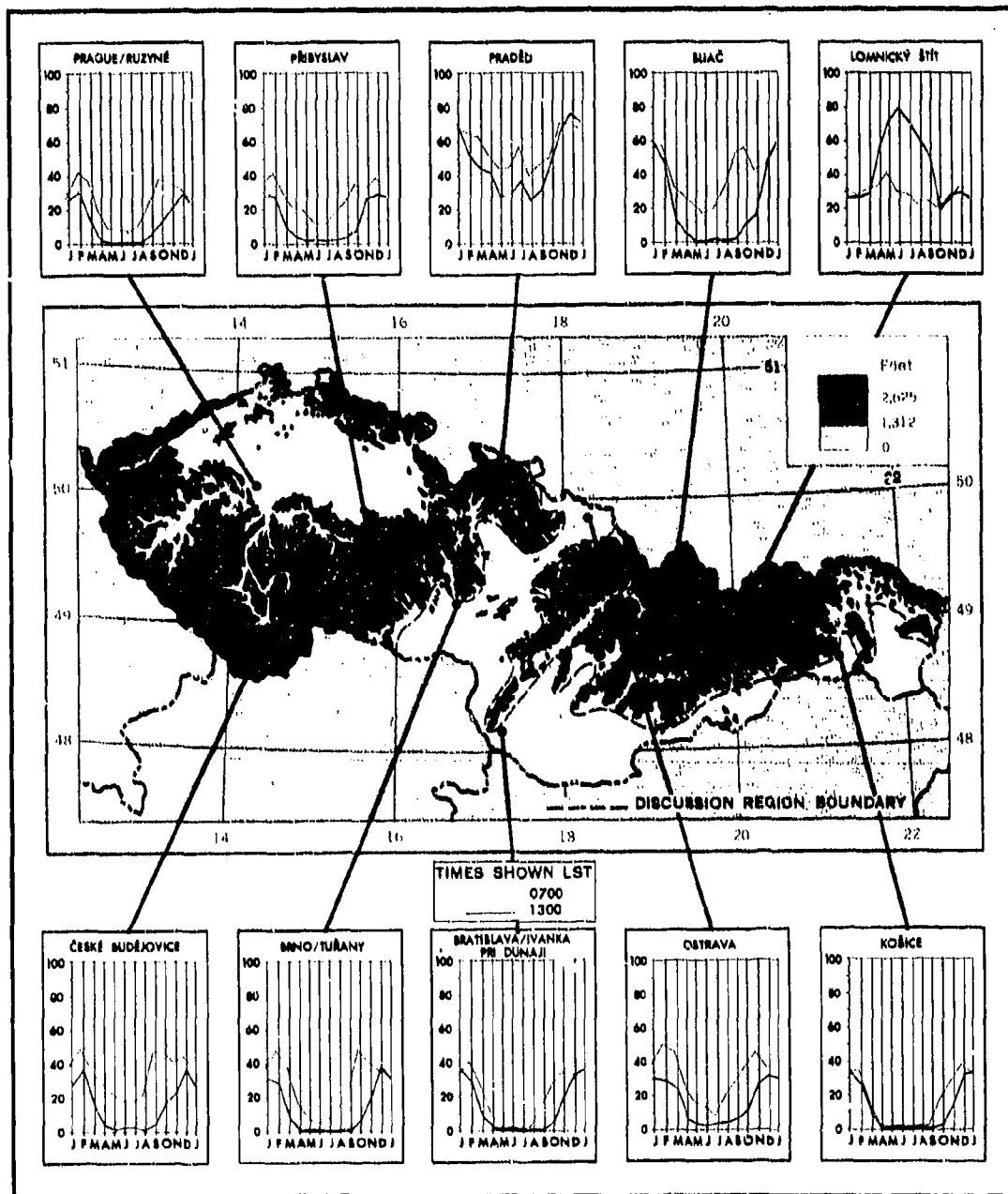


FIGURE 11. PERCENTAGE FREQUENCY OF VISIBILITY $< 2\frac{1}{2}$ MILES AT SPECIFIED HOURS. (For tabular data see FIGURE 40.)

less than 2½ miles, and less than 6 miles at 4 hours of the day.

In the Western Hills and Plains, most of the lower elevations record visibilities below ½ mile generally less than 5% of the time during the warmer months, and as much as 20% to 25% at some locations during the colder months. At the higher elevations, visibilities less than ½ mile are reported on about 30% to 50% of the observations during summer and about 55% to 80% of the observations during winter. In the Eastern Lowlands, low visibilities are rare in summer and occur less than about 15% of the time in late autumn and winter, the period when visibilities are poorest. In the Eastern Mountains, low visibilities occur much more frequently at high elevations than they do at low elevations, primarily because many mountains are often shrouded by clouds. At the lower elevations, low visibilities follow much the same pattern as they do in the Eastern Lowlands except that they occur considerably more often during the night and early morning. At the higher locations, however, poor visibilities are common throughout the year; the frequency of occurrence is about 25% to 75%, depending on the season, time of day, and elevation.

Visibilities less than 2½ miles and less than 6 miles follow much the same diurnal, seasonal, and regional variations as those less than ½ mile but are much more frequent. During the colder months, the 6-hourly observations show visibilities less than 2½ miles approximately 20% to as much as 70% of the time in lowland sections of the Area, 50% to 80% of the time at mountain locations in the Western Hills and Plains, and 25% to 55% of the time at the higher elevations of the Eastern Mountains. During the warmer months, visibilities are below 2½ miles less than 5% of the time over most of the lowlands of the Area except near sunrise when they occur about 10% to 30% of the time. The frequencies are 25% to 55% at most mountain locations except at the highest elevations in the Eastern Mountains, where they are as much as 80% during the afternoon. Visibilities are frequently less than 6 miles, especially from midautumn through early spring, when they occur more than 60% of the time at many locations throughout the country. During the summer, visibilities improve somewhat, but at night and in the early morning, they are below 6 miles more than 40% of the time at many locations in the west and at a few locations in the east.

The chief restrictions to visibility are fog, smoke, and haze. FIGURE 42 gives information concerning the number of days with dense fog (visibility less than ½ mile), and FIGURE 43 provides information on the occurrence of haze and smoke at 4 specified hours of the day. As might be expected, these data show the most frequent restrictions to visibility occur in the morning hours at most locations. At times in winter, temperature inversions restrict smoke and other industrial pollution to the lower levels. This results in poor visibilities which may last all day but are usually worst

in the morning. Industrial sections normally have more dense fog than sections not as polluted, because the smoke particles act as nuclei for the formation of fog. Fog is appreciably more frequent in winter than in summer at most places and more frequent in the mountainous sections than in the lowlands. Many locations experience dense fog (visibility less than ½ mile) on about 5 to 10 days per month in midautumn through early spring and 1 to 3 days in summer. However, fog is considerably more frequent at a few places, particularly at some higher elevations, where it occurs on about 10 to 25 days per month throughout the year. Precipitation, especially in the form of snow, can also be expected to reduce visibility to less than ½ mile.

c. COMBINED CEILING AND VISIBILITY — Although ceiling and visibility have their individual effects on military operations, for many purposes it may be advantageous to have data showing the simultaneous occurrence of various ceilings and visibilities. This type of data is presented graphically in FIGURE 12 for 1300 LST and in tabular form for 4 hours of the day in FIGURE 44. The criteria of ceiling equal to or greater than 984 feet with visibility equal to or greater than 2½ miles are not necessarily adequate for low-level flight over very rough terrain but may be regarded as adequate in other areas. As shown in both figures, flying conditions are much better during the warmer months than in the colder months, and in general the morning hours in all seasons have the worst conditions. In some mountain sections, however, there are notable exceptions to this general rule.

In winter, the afternoon or early evening hours offer the most favorable low-level flight conditions at most places, whereas a few locations experience them late at night. During this time, ceilings are at least 984 feet and visibilities are at least 2½ miles generally 50% to 75% of the time, although a few locations in the Western Hills and Plains have these conditions less than 40% of the time. In summer, the best flying conditions are most frequent in the afternoon or early evening over the lowland sections throughout the Area; they occur more than 95% of the time. The higher mountains in the Western Hills and Plains experience favorable conditions most often in the evening, when they occur about 50% to 60% of the time. At the higher elevations of the Eastern Mountains, ceilings are most often 984 feet or greater and visibilities 2½ miles or more at night and in the early morning, occurring about 50% to 75% of the time.

d. SURFACE WINDS — FIGURE 66 is seasonal surface wind roses for selected locations throughout the country. They are not necessarily representative of nearby locations, because of the rugged terrain. Winds at the surface are greatly deflected and often channeled by mountains and valleys. This channeling effect is borne out in the wind roses at several places, primarily Košice, Píerov, and Ostrava. West of the Carpathian Mountains, westerly winds are predominant and are most pronounced during the summer months. In the

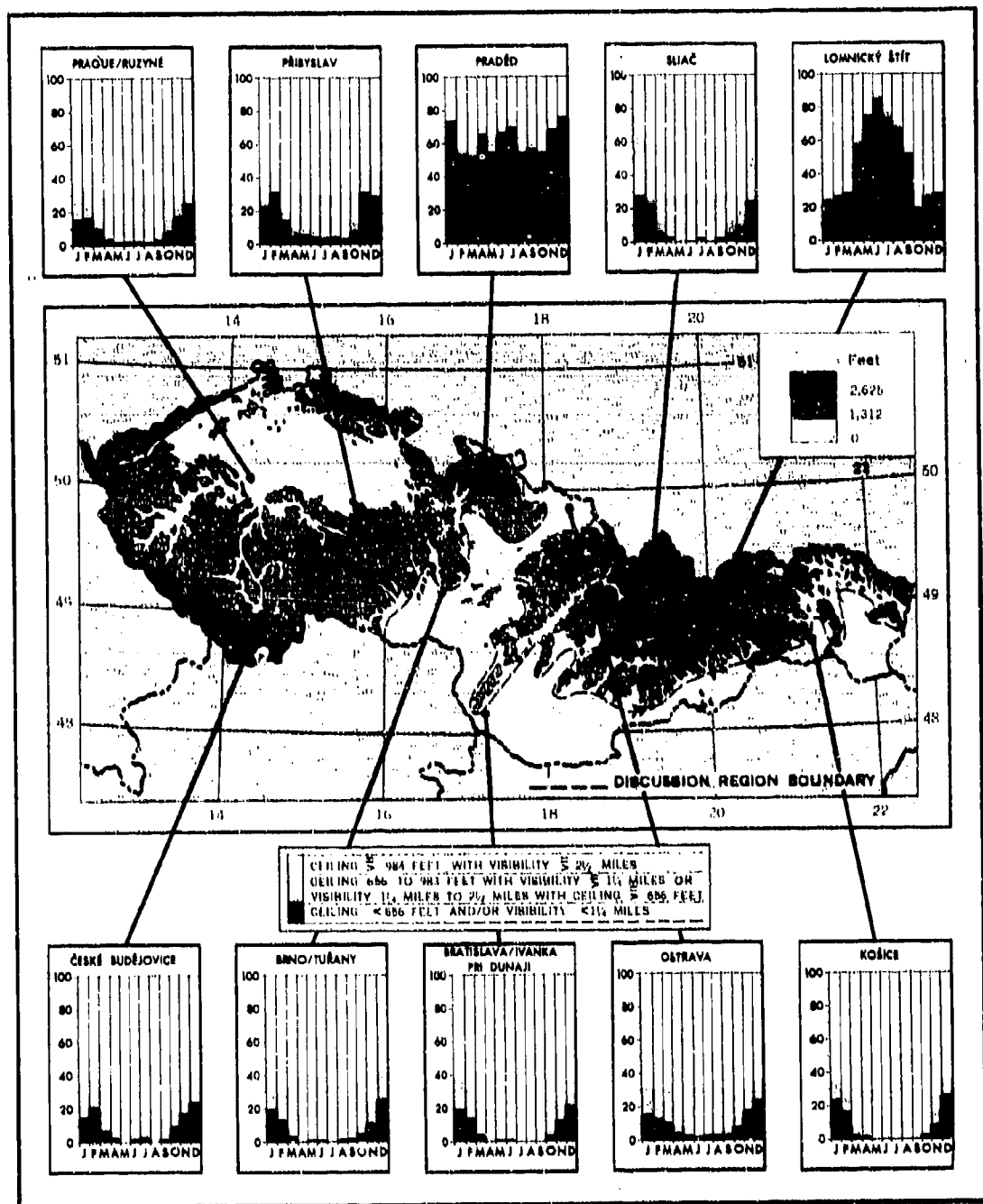


FIGURE 12. PERCENTAGE FREQUENCY OF SPECIFIED CEILING AND VISIBILITY COMBINATIONS AT 1300 LST. (For tabular data see FIGURE 44.)

Carpathian Mountains the flow tends to be from the north through northwest in all seasons. Throughout the year, however, there is considerable variation of wind directions at many locations, largely because of the frequent passage of migratory systems. Wind speeds are somewhat stronger in winter than in summer and are much stronger at the higher elevations than at lower elevations. During the colder months, strong winds may persist throughout the day, whereas the strong winds of summer are normally associated with frontal

passages or convective thunderstorms and are usually of short duration. Except in the mountains, wind speeds rarely exceed 27 knots, and at a number of places calms are frequent throughout the year.

Much of the Area is subject to mountain and valley winds because of the rugged terrain. The valley wind occurs during the day, and the mountain wind at night. The mountain wind is very weak and seldom reaches the strength of the valley wind, unless aided by other forces. Mountain and valley winds are most strongly

developed in calm, clear weather, and therefore are most prevalent in summer.

Gale-force winds (winds equal to or greater than 28 knots) are not frequent except in the mountains. The data in FIGURE 45 show that gales occur at low elevations generally on less than 5 days annually. At the higher mountain locations in the west, gales occur on about 45 to 130 days annually; in the mountains of the east, they occur on 15 to 20 days annually. They are usually most frequent during the colder months throughout the Area.

A consideration of surface winds in conjunction with other elements is necessary in determining the frequency of favorable conditions for some military operations. Information considered useful for planning incendiary bombing, chemical warfare, and parachute operations is supplied in FIGURES 46 through 48 for several locations throughout the Area.

c. STABILITY AND LOW-LEVEL TEMPERATURE INVERSIONS — The normal or standard temperature structure of the atmosphere is such that there is a steady and nearly uniform decrease in temperature with height from the surface of the earth to the tropopause. When there is a rapid or greater than normal decrease in temperature through a layer, the air within this layer is said to be unstable. When the temperature decrease through a layer is less than normal, the air is said to be stable. In some cases the temperature actually increases through a layer. When this occurs, a temperature inversion exists. The cold air masses of winter become quite stable, especially when the air is cooled more rapidly near the surface than aloft. The inversion may be near the surface or it may extend to 2,000 or 3,000 feet, depending on how long the air mass persists and the extent of nighttime cooling. Smoke and other contaminants in the air are usually trapped below the inversion, causing reduced visibility. Strong temperature inversions and stable air are most frequent in winter, although temperature inversions may also occur before sunrise in summer. If sufficient moisture is present, fog may form within the stable air.

Unstable air is prevalent during summer afternoons and evenings when towering cumulus or thunderstorms are present. The intensity of rain showers and thunderstorms will often reveal the degree of instability. During the winter months, the air is unstable after a cold front passes through the Area, but only for a short period of time, after which the lower layers become stable.

3. Ground surface operations

a. TEMPERATURE — Czechoslovakia has a generally temperate climate; summers are relatively mild and winters are not extremely cold. FIGURES 13 and 14 show the mean daily temperatures for January and July. These figures are mean temperature values arrived at by dividing by 4 the sum of the temperatures at 0700 and 1400 LST and twice the temperature at 2100 LST. As can be seen, large variations are due primarily to the

differences in elevation between the mountains and the lowlands. Additional information on temperatures is provided in FIGURE 15, which shows the mean daily maximum and minimum temperatures and the highest and lowest observed temperatures in each month for selected locations. FIGURES 49 through 52 give this same temperature information in tabular form for a larger number of stations. As shown by these data, temperatures vary little from one location to another in the lowland sections but decrease appreciably at the higher elevations. With rare exceptions, January is the coldest month and July the warmest.

During summer, the southern part of the Eastern Lowlands is generally the warmest part of the Area, and the highest elevations in the Eastern Mountains comprise the coldest part. Mean daily maximum temperatures range mostly in the 70's (°F.) at all lowland locations. With an increase in elevation, maximum temperatures drop to the low and middle 60's and are as low as the low 40's at the highest elevations in the Carpathian Mountains. Mean daily minimum temperatures form a similar regional pattern; they range between about 45°F. and 60°F. in the lowlands, drop to the low 40's as the elevation increases, and are near freezing at the highest elevations.

During winter, temperature variations between the lower elevations and the mountains are somewhat smaller than in summer. However, the warmest temperatures at this time of year may occur in the low sections of the Western Hills and Plains as well as in the southern part of the Eastern Lowlands. As in summer, the highest parts of the Eastern Mountains are the coldest. Mean daily maximum temperatures range mostly in the 30's at the lower elevations and decrease to the low teens at the highest elevations. Mean daily minimum temperatures are mostly in the upper teens and 20's in the low-lying sections but are as low as 5°F. at the highest elevations in the Eastern Mountains.

The mean daily ranges (the difference between the mean daily maximum and minimum temperatures) are larger in summer than in winter. The range in summer varies from about 15 to 25 Fahrenheit degrees except in the higher mountains, where the range is only about 10 to 15 degrees. During winter, the range varies from about 5 to 15 Fahrenheit degrees, with the lowest ranges occurring in the higher mountains.

Although Czechoslovakia has a generally temperate climate, temperatures occasionally vary greatly from the average conditions. Extreme maximum temperatures of 100°F. or more are rare, although most places have

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.

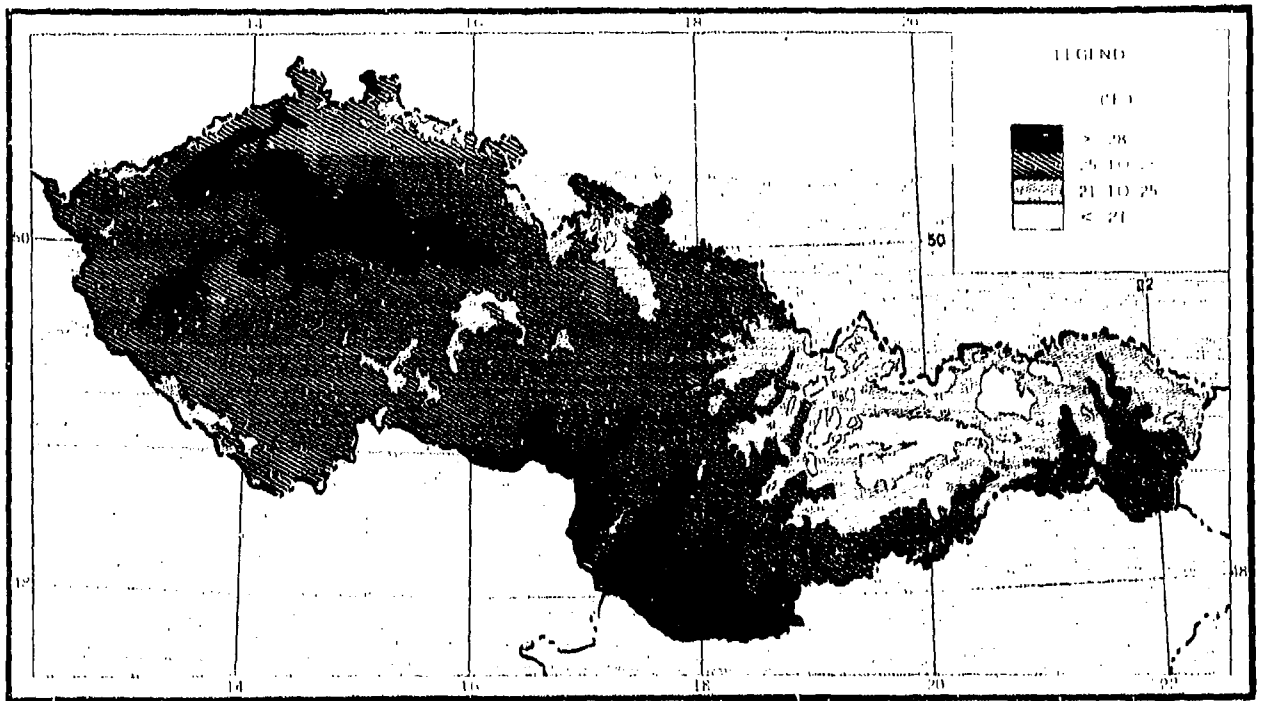


FIGURE 13. MEAN DAILY TEMPERATURE ($^{\circ}$ F.), JANUARY

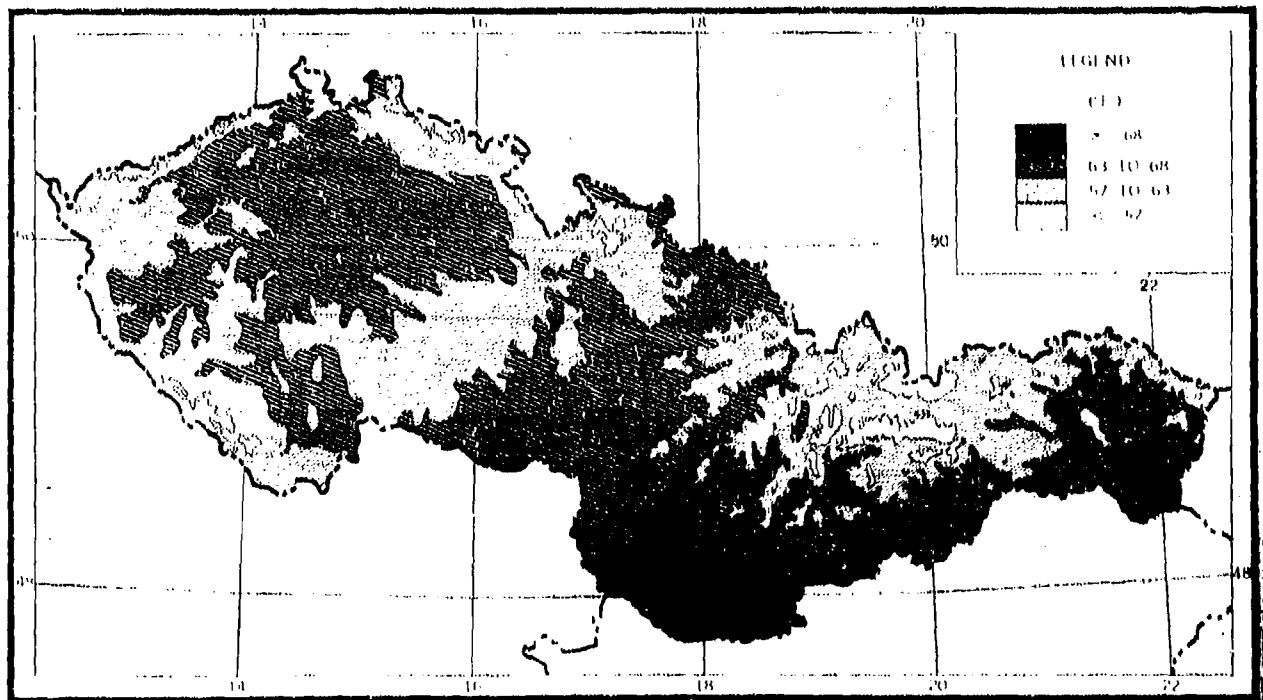


FIGURE 14. MEAN DAILY TEMPERATURE ($^{\circ}$ F.), JULY

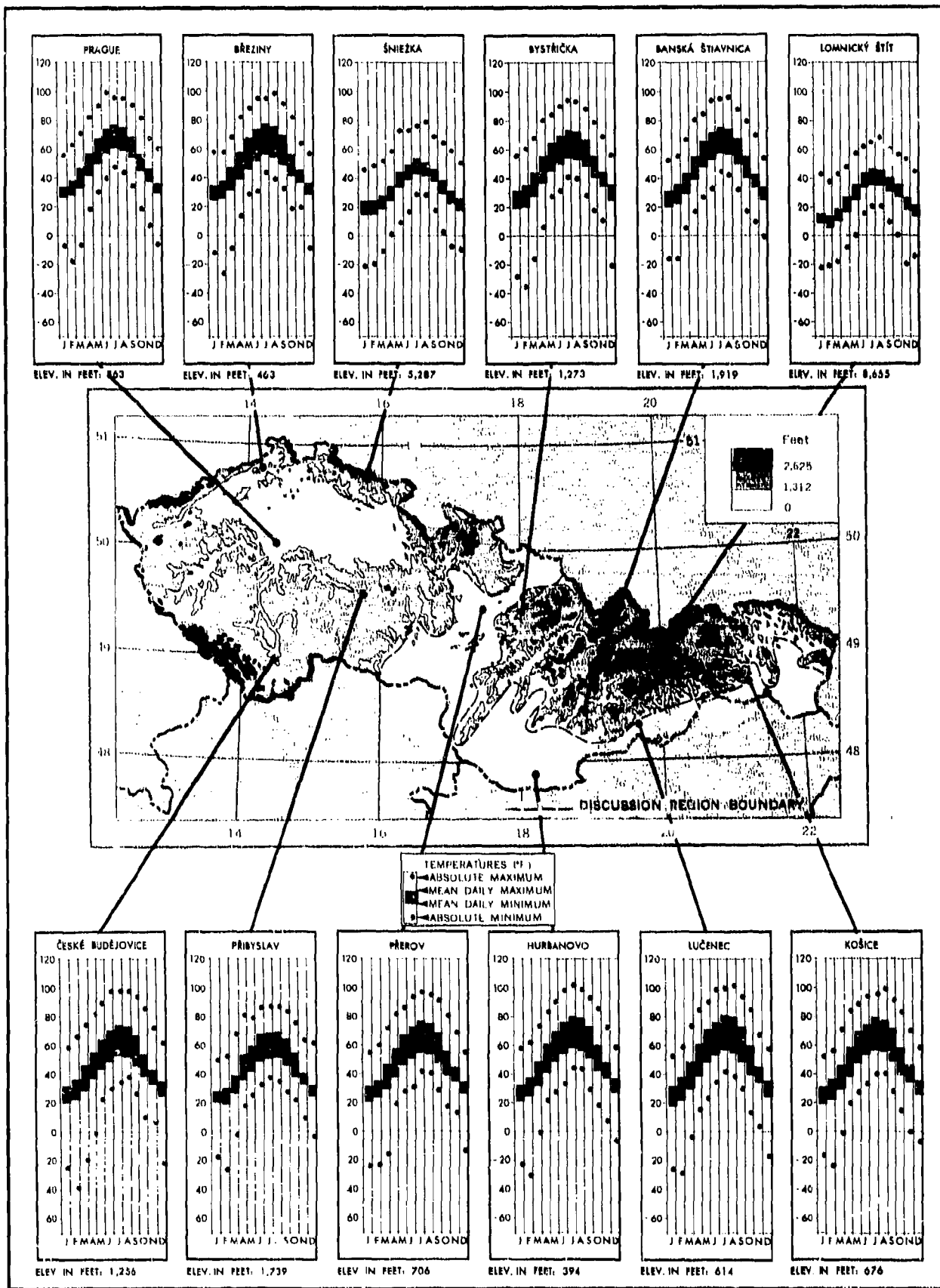


FIGURE 15. TEMPERATURES (°F.). (For tabular data see FIGURES 49 through 52.)

recorded temperatures in the 90's. Temperatures at the higher elevations, however, have only reached the 60's and 70's. Extreme minimums less than 0°F. have occurred as early as December and as late as March at most locations, and temperatures this low have been recorded at the highest elevations in the Eastern Mountains as early as October and as late as May. All but a few locations have recorded minimums colder than -20°F., and several places have reported temperatures colder than -30°F. Because of the strong temperature inversions, the coldest temperatures often occur at elevations of about 1,000 to 1,500 feet, rather than at the highest peaks. Temperatures below freezing have been reported at most places in all months except July and August, and even in these months, freezing temperatures have been recorded at the higher mountain locations.

FIGURES 53 and 54 give the mean number of days with the maximum temperature equal to or less than 32°F. and minimum temperature equal to or less than 32°F. Freezing temperatures are frequent in November through March, when they occur on approximately 10 to 25 days per month in the lowlands and more often in the mountains. In the higher mountains, freezing temperatures have occurred in all months, and the highest elevations average as many as 10 to 15 such days in each of the summer months. Temperatures remain below freezing throughout the day most often in December through January, with the lower elevations generally averaging about 10 to 20 such days in each of these months; however, freezing temperatures are much more prevalent in the higher mountains. FIGURES 16 and 17 give the mean dates of the first and last frosts of the year.

The data used in constructing these figures are based on the definition that a frost day is a day in which the minimum free air temperature is less than 32°F. Rivers and streams freeze over annually, but the extent and duration varies from year to year. The ice is generally thicker and lasts longer in the east than in the west. Because of its size and strong current, the Danube averages only about 20 days per year with ice cover. In most years, the ice cover of streams is generally thick enough to permit crossing on foot.

b. RELATIVE HUMIDITY — In general, relative humidity is high throughout Czechoslovakia, and the only major regional variations occur during summer afternoons between the mountains and the lowlands. Seasonal, diurnal, and regional variations for selected stations are presented in FIGURE 18, and tabular data for a wider selection of stations are given in FIGURE 55.

At the lower elevations, relative humidities generally are highest from about midautumn through winter, when diurnal variations are small. Relative humidities range mostly from 80% to 95% in the evening through the early morning but in the afternoon vary between about 65% and 85%. At the lower elevations, relative humidities are generally lowest in midspring through summer, when diurnal variations are much larger. Humidities range mostly between 75% and 90% near midnight and in the early morning but drop to about 50% to 70% during the afternoon and early evening.

At the higher elevations, relative humidities are between about 75% and 95% throughout the year. Diurnal and seasonal variations are small and vary from one place to another, depending on elevation.

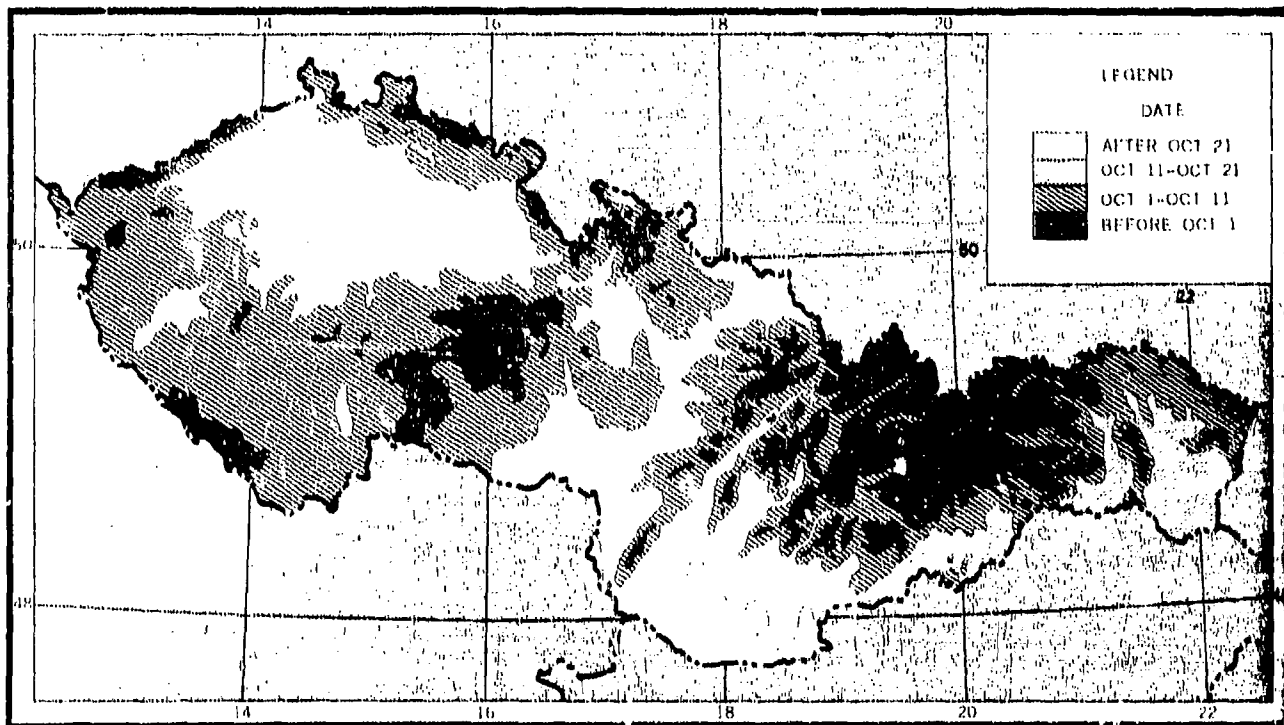


FIGURE 16. MEAN DATE OF FIRST FROST IN AUTUMN

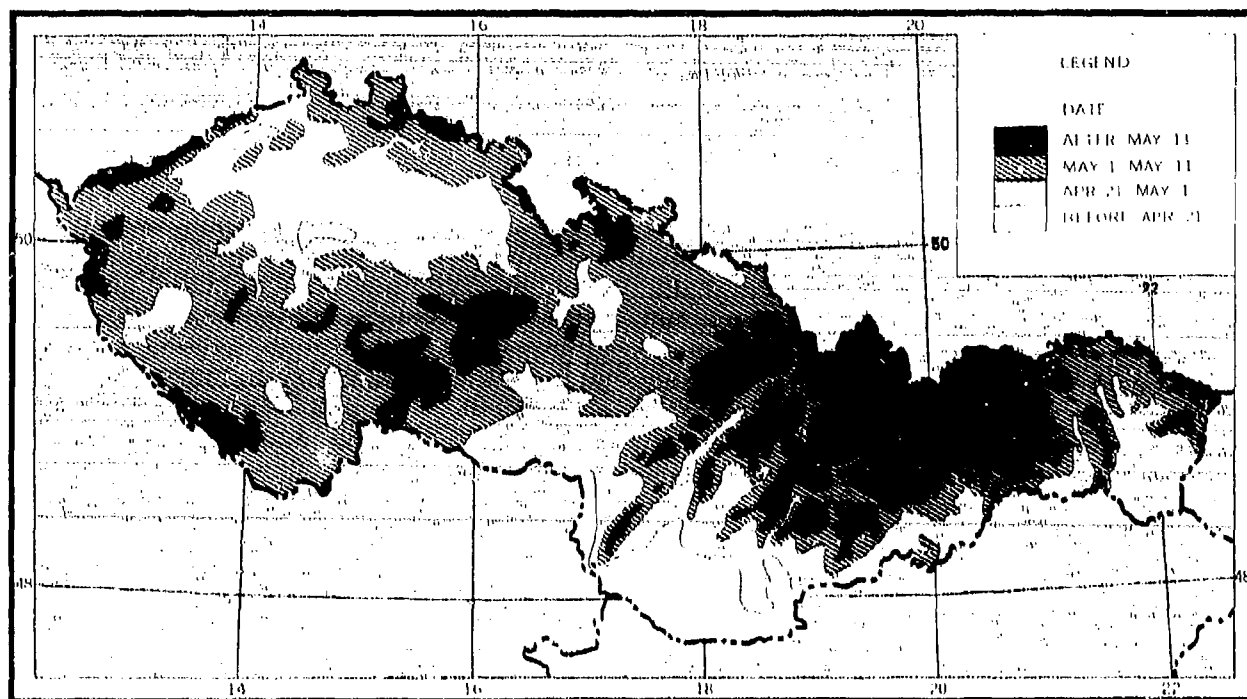


FIGURE 17. MEAN DATE OF LAST FROST IN SPRING

c. PRECIPITATION — In general, precipitation is fairly evenly distributed, with most places averaging between 20 and 40 inches per year; in the higher mountains, annual amounts range to about 65 inches (FIGURE 56). The frequency of precipitation varies little from month to month throughout the country, but the higher mountains have precipitation more often than the lowlands. FIGURE 19 shows the distribution of mean annual precipitation. The seasonal and regional variations of mean precipitation are depicted for selected stations in FIGURE 20.

Precipitation is generally heaviest in the warmer months and lightest in the colder months. Maximum precipitation occurs at most locations in June or July, and minimum precipitation occurs in February or March. However, the differences between the highest and lowest amounts are small, ranging from about 1 to 3 inches at all but the high mountain locations. During the time of maximum precipitation, amounts range from about 2 to 4 inches per month, except in the higher mountains where the range is from about 5 to 10 inches. Precipitation amounts of about 1 to 2 inches per month are the general rule during the driest months, but in the higher mountains the amounts are between 3 and 5 inches. Summer precipitation falls mainly as showers from towering cumulus or cumulonimbus clouds. During the winter, precipitation may persist for several hours or even an entire day or longer, and usually it falls as light rain or snow. Occasionally, sleet or freezing rain may occur during the colder months. Topographi-

cal influences on the amount of precipitation are apparent in FIGURE 19. In general, the precipitation pattern outlines the topography of the country, with the largest precipitation amounts occurring at the highest elevations in the Eastern Mountains.

Precipitation varies considerably from year to year (FIGURE 57), and the monthly amount received in one year may be several times greater than that in another year. Except for some of the mountain locations, less than 1½ inches has been recorded in all months, whereas most places have recorded more than 7 inches in the wettest months. The heaviest precipitation generally occurs during the summer months, when maximum 24-hour amounts of 2 to 4 inches have been recorded at most locations (FIGURE 58). These large rainfall amounts are usually caused by heavy showers during summer afternoons. However, most places have recorded daily amounts of more than 1 inch even in winter, and these amounts are indicative of heavy snows.

The frequency of precipitation is shown graphically in FIGURE 21 and in tabular form in FIGURE 59, which give the mean number of days with precipitation at least 0.004 inch. These figures show that precipitation is frequent throughout the year, occurring on about 10 to 20 days per month. Seasonal variations are insignificant. Throughout the Area, there are about 125 to 175 days with precipitation at low elevations and well over 200 days in the higher mountains. The mean annual number of days with precipitation equal to or greater than 0.4 inch is depicted in FIGURE 22, and monthly

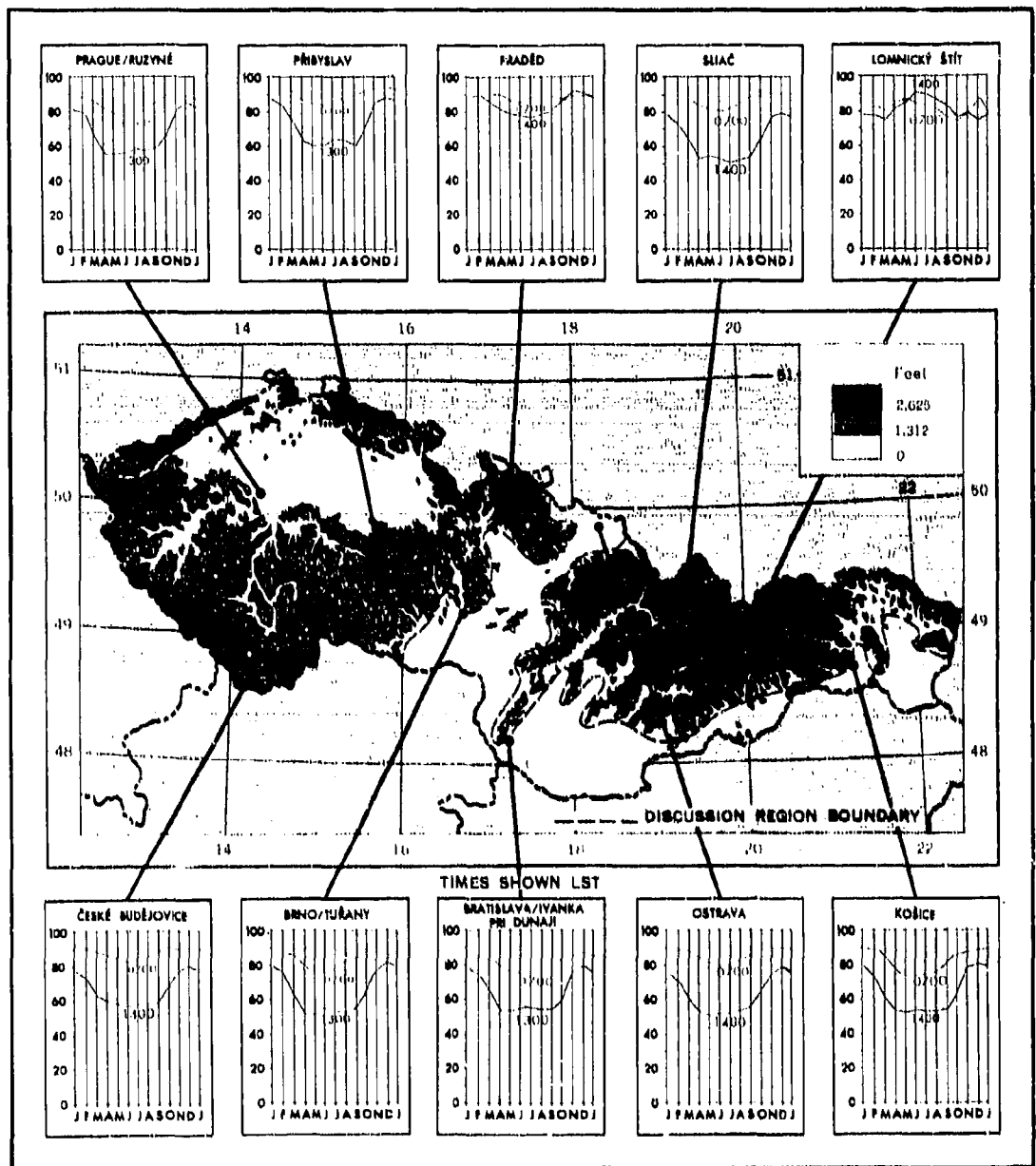


FIGURE 18. MEAN RELATIVE HUMIDITY (%). (For tabular data see FIGURE 55.)

tabulations are given in FIGURE 60. Heavy precipitation occurs most often in May through August, when there are an average of 2 to 4 days per month with at least 0.4 inch in the Western Hills and Plains and the Eastern Lowlands. Many locations in the Eastern Mountains have 2 or more days per month with heavy precipitation during much of the year; the highest averages, about 3 to 6 days per month, occur in summer.

Snow is the predominant form of precipitation in November through March. On the average, the first snowfall occurs in mid-October to mid-November, and the last snowfall occurs in late March to early May. The length of the period in which snowfall occurs generally increases with increasing elevation, and at the highest

locations in the Eastern Mountains snowfall can even be expected on several days during each of the summer months. FIGURE 23 depicts the mean annual number of days with snowfall, and FIGURE 61 gives these data by months for various locations in the country. The annual frequency of days with snowfall ranges from about 20 or less in parts of the lowlands to more than 150 at the highest mountain peaks. The mean and extreme dates of the first and last snowfalls are presented in FIGURE 62. FIGURE 24 depicts the mean annual number of days with snow cover, and FIGURE 63 gives the data by months at various locations. Snow cover occurs on more than 15 days per month at many locations during winter, and annual averages range from near

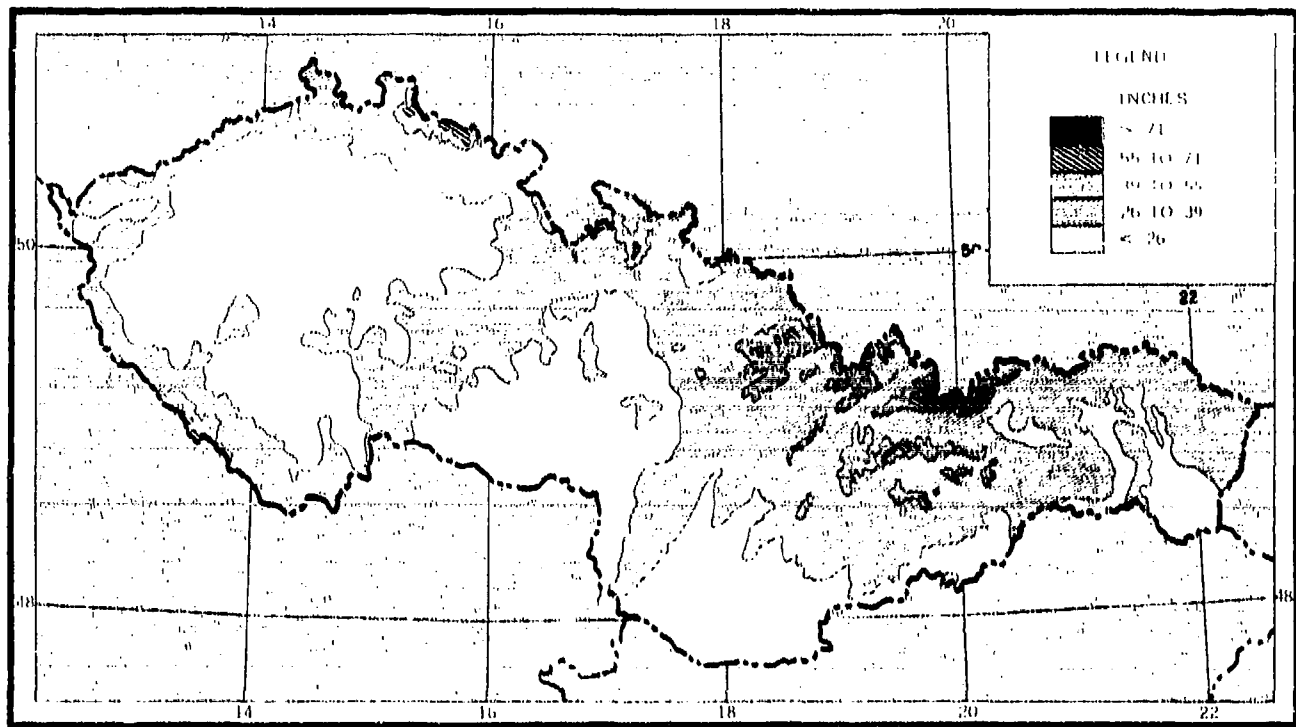


FIGURE 19. MEAN ANNUAL PRECIPITATION (INCHES)

days in parts of the lowlands to over 200 days at the highest elevations in the Eastern Mountains. Although snow cover usually remains on the higher mountains during the colder months, at times foehn winds melt the snow on the leeward slopes of the mountains and hills as well as in the adjoining lowlands. FIGURES 25 and 26 show the mean dates of the first and last snow cover, and FIGURE 64 gives these data as well as the extreme dates in tabular form.

Heavy snows may occur throughout the country in the colder months. Depths from 10 to 30 inches have been recorded at most locations, and some mountain sections have reported well over 100 inches in several of the colder months (FIGURE 65).

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

(1) *Clothing* — The most significant factors determining clothing requirements in Czechoslovakia are temperature, precipitation, relative humidity, and wind. Snow cover and snow depths, especially in the mountainous sections, are also important considerations. The tables at the end of this Section, used in conjunction with the directives of the appropriate service, provide a proper basis for the selection of clothing and equipment. Suitable clothing should be provided for protection in winter against low temperatures in combination with high humidities, winds, and snow and snow glare. During summer, protection against insects, mainly mosquitos and flies, is needed.

(2) *Storage* — Items stored in the open must be protected against precipitation, high humidity, low winter temperatures, and strong winds in some mountain passes. Some items, such as food and medical supplies, need refrigeration during the warmer months and at times during the colder months in the lowlands. During spring thawing, the ground may become very wet and muddy, and some sections, especially river valleys, are subject to occasional flooding.

(3) *Shelter* — Shelter should be provided for protection against the low temperatures, snow, and wind of winter, and the rain, thunderstorms, and wet ground of summer. Screening or netting for tents may be necessary for protection against insects in summer.

C. Meteorological facilities and organization (as of February 1966)

1. History and organization

The Czechoslovakian Meteorological and Hydrological Service has a tradition of long standing as one of the oldest services of its kind in Europe. Regular weather observations were made in the area now known as Czechoslovakia as early as 1717, and the observatory at Prague has been recording observations for 187 years. The State Institute for Meteorology was formed after Czechoslovakia became a Republic in 1918 but did not really develop until 1930 when meteorological support was required by the expanding air transport industry. Meteorological service was disrupted during World

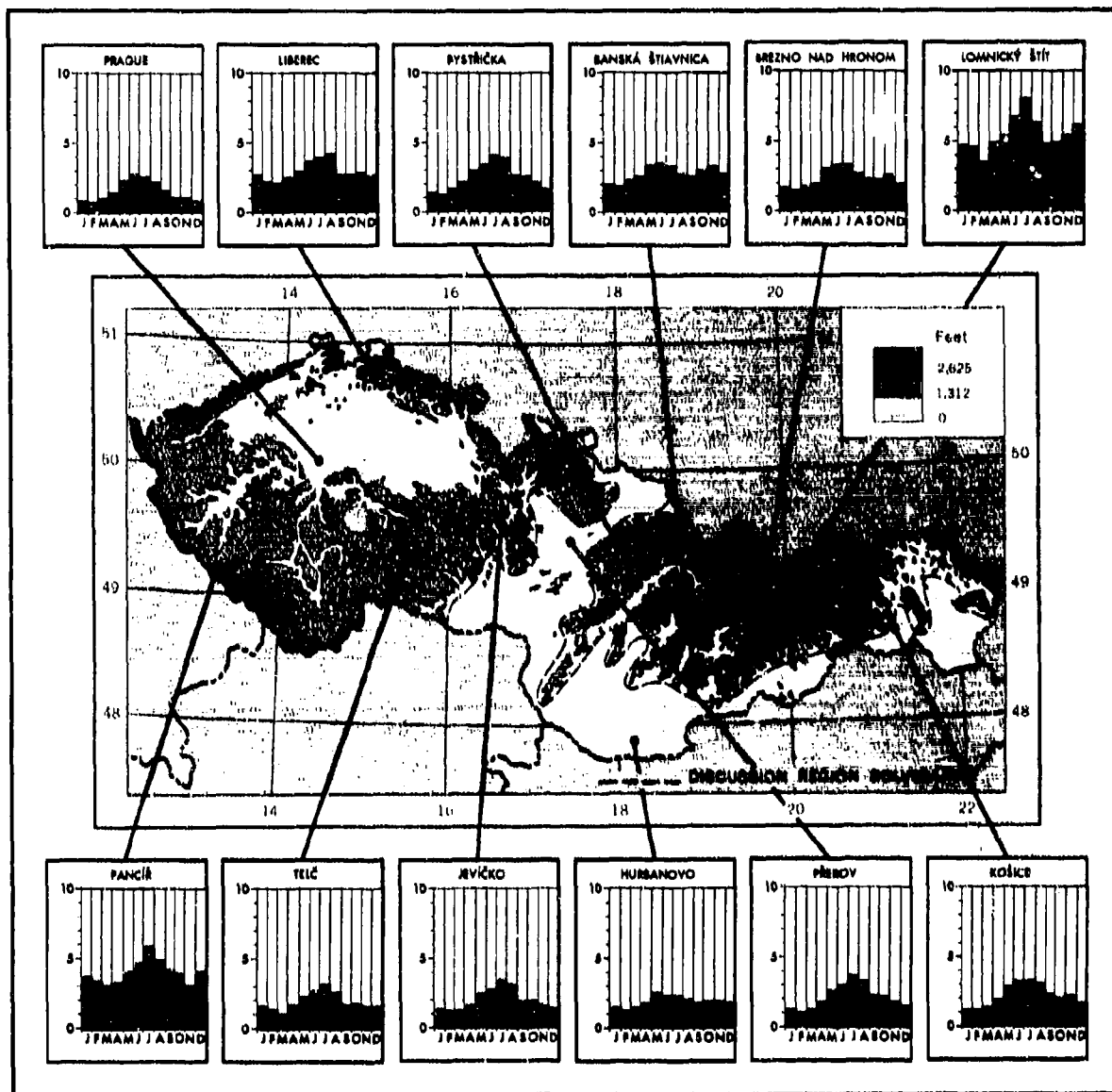


FIGURE 20. MEAN PRECIPITATION (INCHES). (For tabular data see FIGURE 56.)

War II and reorganized in 1948. In 1954, the Institute absorbed the hydrological services and became known as the Hydrometeorological Institute.

Meteorological services in Czechoslovakia are presently provided by the Hydrometeorological Institute and the Czechoslovakian Air Force weather service. The Institute, part of the Ministry of Agriculture, Forestry, and Water Economy, provides service to civil aviation and agricultural interests and the general public; the Air Force provides service to the military departments. Both services exchange weather data and share facilities at airfields or other locations serving civil and military activities.

2. Weather observing and forecasting facilities

Information dated 15 May 1965 lists 38 synoptic weather stations operating in the country; 24 operate

for 24 hours a day, and the remainder operate from 0600 to 1700 GMT during the period November through February and from 0400 to 1700 GMT during the other months of the year. All stations take and transmit weather observations at the standard synoptic times, at least once every 3 hours while in operation. Some of them are on hourly or half-hourly schedules. The stations at Prague and Poprad (49°04'N., 20°15'E.) take upper-air observations by rawinsonde 4 times a day; an additional 5 stations take upper-air wind observations by pilot balloon. The Hydrometeorological Institute operates an undetermined number of climatological stations that take temperature and precipitation observations.

Both meteorological organizations use variations of the weather central concept to provide forecasting service.

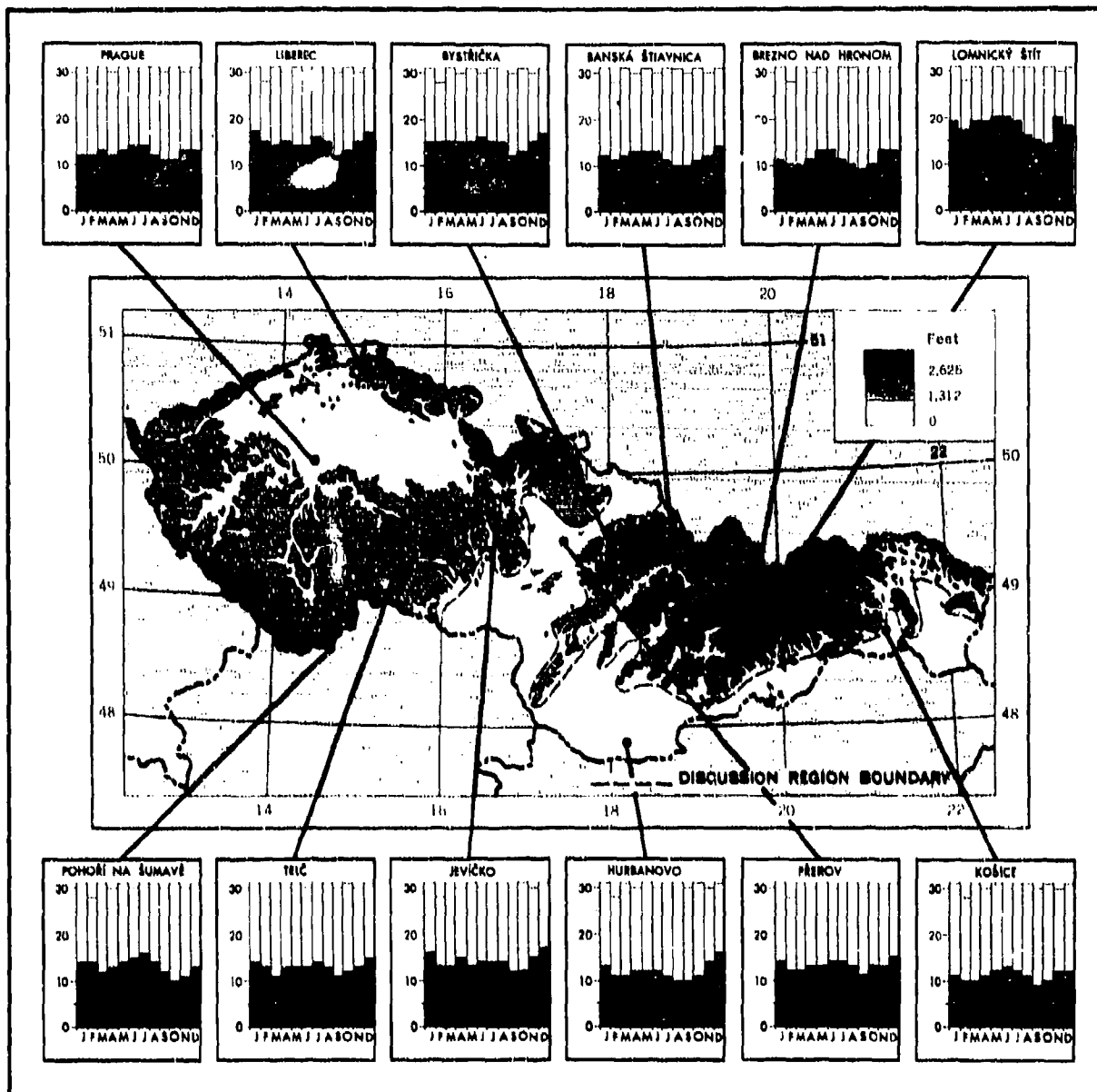


FIGURE 21. MEAN NUMBER OF DAYS WITH PRECIPITATION ≤ 0.004 INCH. (For tabular data see FIGURE 59.)

The Air Force weather centrals are located in Prague, Brno, and Bratislava; they furnish forecast information to and control weather stations serving the various military departments. Four aeronautical forecasts a day originate in Prague, but other details on the Air Force forecasting services are not available.

The Weather Forecasting Division of the Institute is divided into two Sections; one, the Aeronautical Meteorological Service, provides support to the civil air fleet; the other, the Weather Forecasting Service, provides support to all other interests. These Sections have two regions of responsibility. One region covers Bohemia and Moravia, roughly the western two-thirds of Czechoslovakia, with its Main Meteorological Office (MMO) located in Prague; the other region covers Slo-

vakia, roughly the eastern third of the country, with its Main Meteorological Office located in Bratislava. Each MMO supports and controls a number of Dependent and Supplementary Meteorological Offices. The MMO's are staffed by personnel of both Sections, who plot and analyze surface and upper-air data from all Czechoslovakian and selected foreign stations before preparing forecasts. In addition to preparing routine and special forecasts, the MMO's conduct a meteorological watch over their assigned region and issue in-flight advisories and warnings as necessary. The Dependent Meteorological Offices operate in a similar manner except that coverage is restricted to their areas, and they do not maintain a meteorological watch. Supplementary Meteorological Offices do not prepare forecasts, and

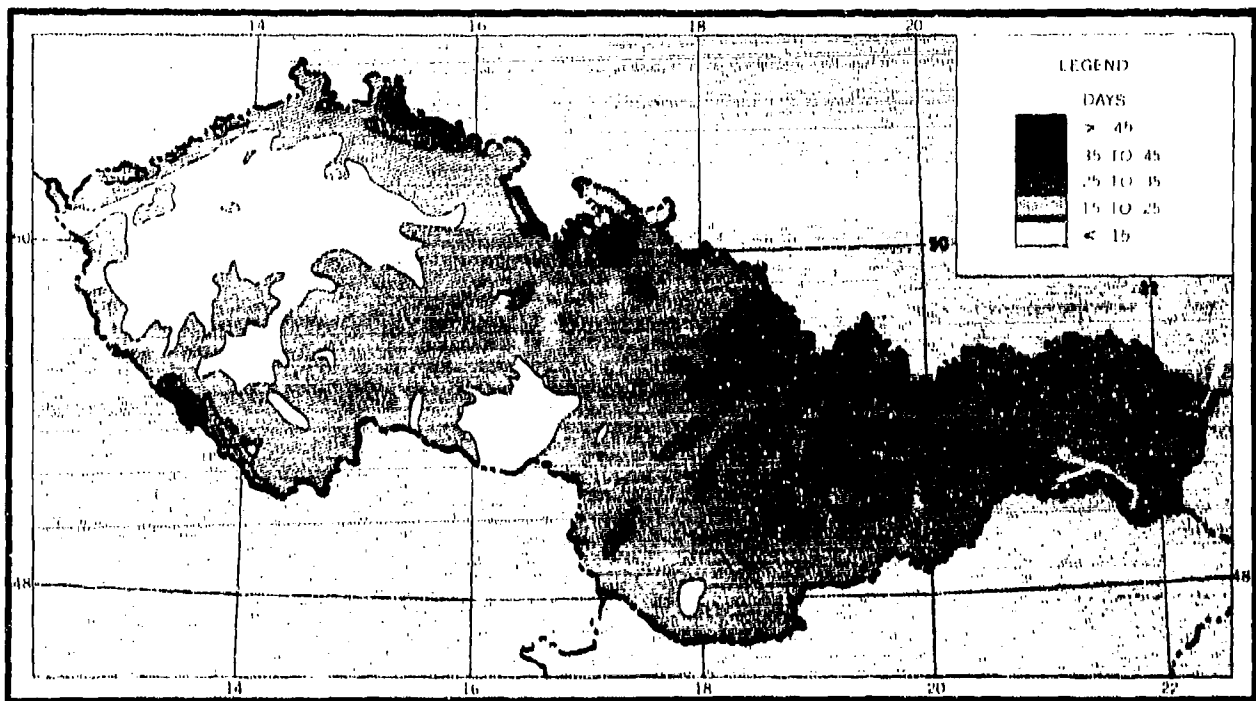


FIGURE 22. MEAN ANNUAL NUMBER OF DAYS WITH PRECIPITATION ≥ 0.4 INCH

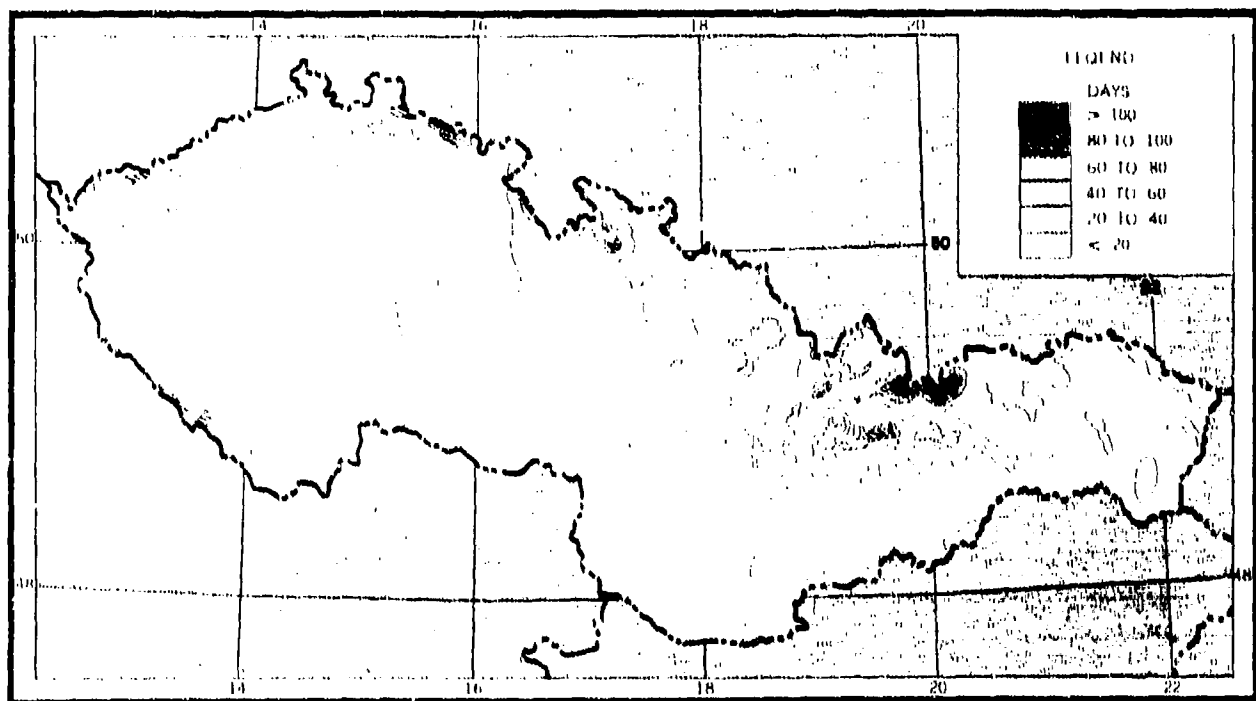


FIGURE 23. MEAN ANNUAL NUMBER OF DAYS WITH SNOWFALL ≥ 0.04 INCH

they relay only the forecasts prepared by their parent MMO. Forecasts are available in French, English, Italian, Rumanian, German, Slovak, and Czech.

3. Weather communications

The Communication Division of the Institute provides and maintains the civilian weather communica-

tions networks. Landline teletype networks are used for national and international exchange of data; radio-teletype and facsimile networks are also used for internal communications. Radio broadcasts on a scheduled and as required basis are used to transmit weather information to aircraft in flight.

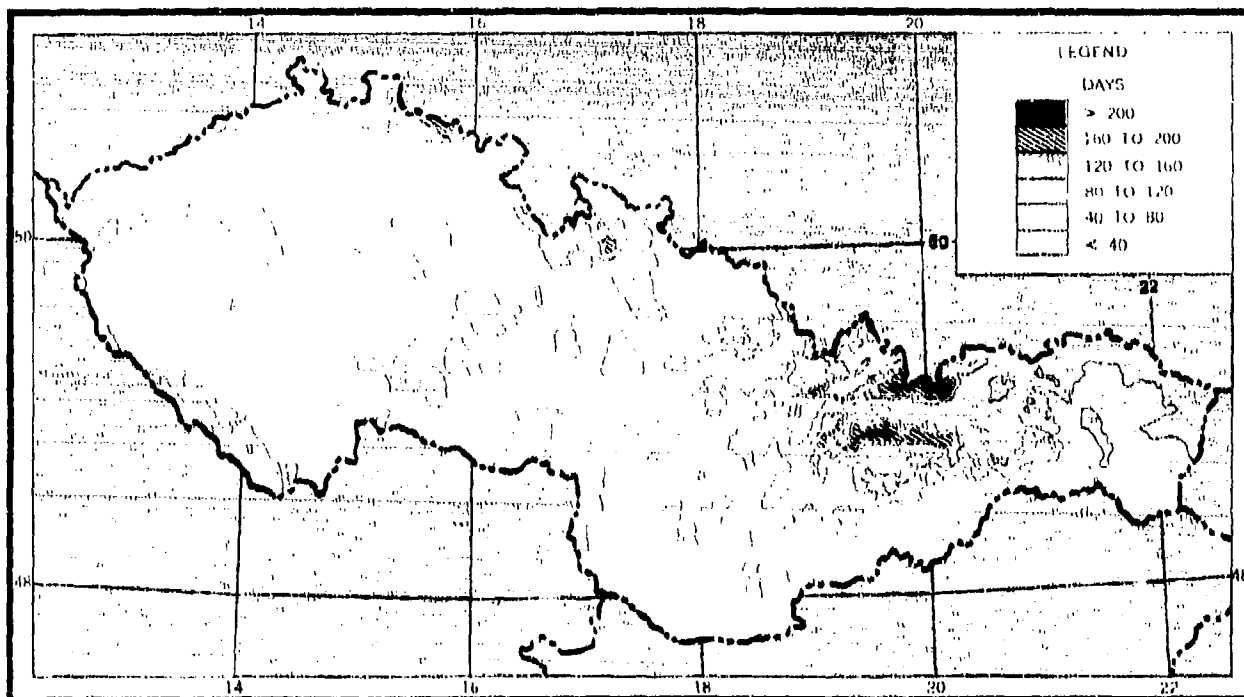


FIGURE 24. MEAN ANNUAL NUMBER OF DAYS WITH SNOW COVER

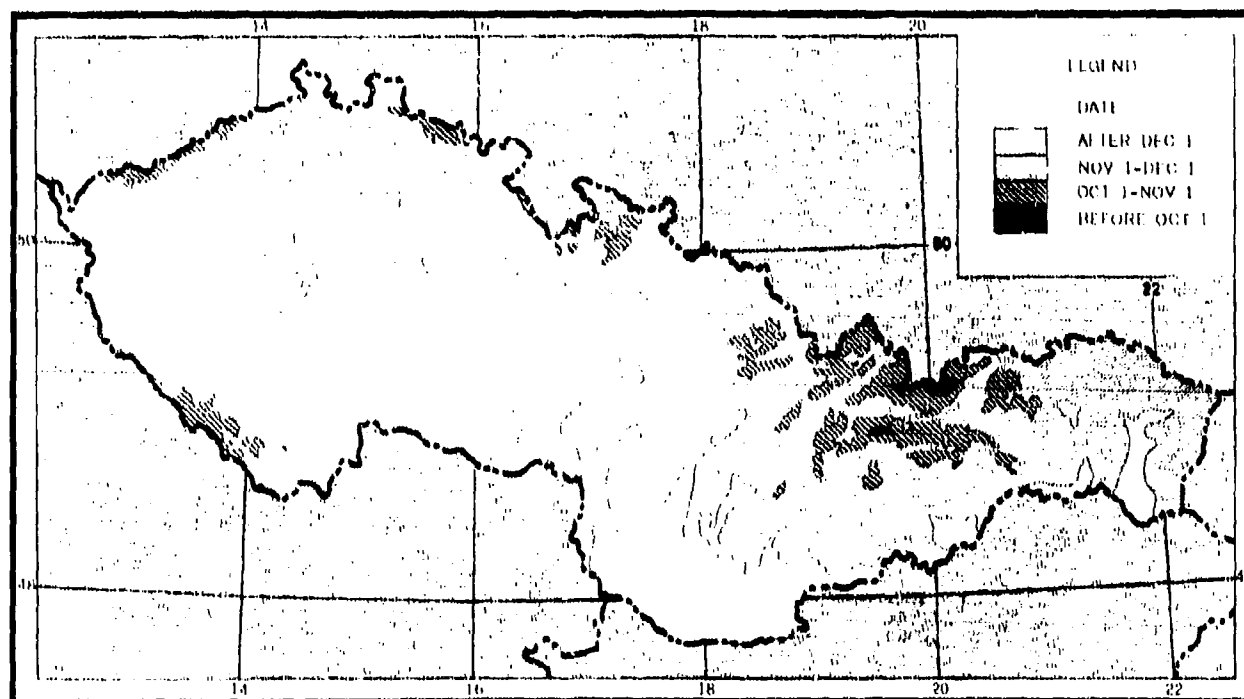


FIGURE 25. MEAN DATE OF FIRST SNOW COVER

International exchange of weather data is accomplished through the facilities of the International Meteorological Teletype Network of Europe (IMTNE), a network with drops in almost all European countries as well as the United States and the U.S.S.R.

The Czechoslovakian Air Force Weather Service probably uses part of the Institute's communications facilities and supplements it with its own circuits.

Radio weather broadcasts are routinely transmitted from several Czechoslovakian stations. Hydrographic

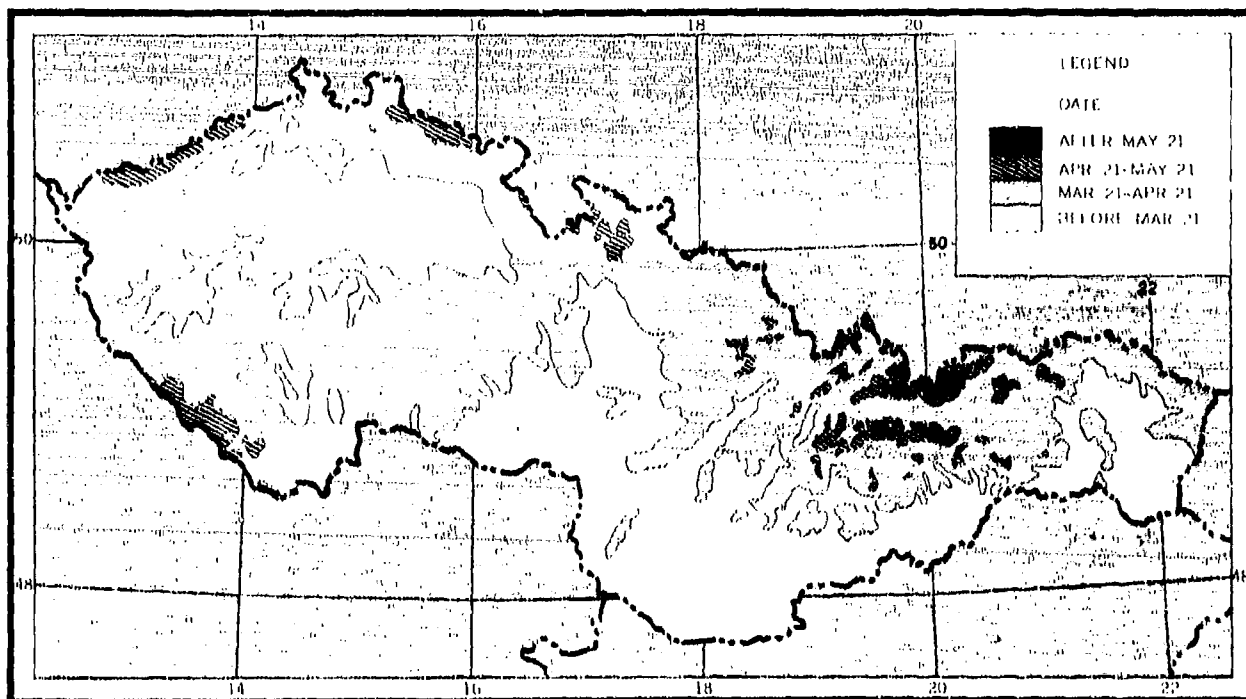


FIGURE 26. MEAN DATE OF LAST SNOW COVER

Office Publication No. 119 and World Meteorological Organization Publication No. 9 can be consulted for transmission times, call signs, frequencies, message content, and other information on Czechoslovakian weather radio and teletype transmissions.

4. Training and proficiency of personnel

Most weather observers received their basic training in observing in the Czechoslovakian Air Force. The training is reported to be of average quality. Practically all civilian observers are former Air Force men, chosen by the service after their tour of military duty. The quality of weather observations in Czechoslovakia is rated fair to good.

Weather forecasters must have completed a secondary school education and a 10-semester-hour course in mathematics and physics at Charles University in Prague and must have had on-the-job training in the larger

meteorological offices before becoming qualified forecasters. The training and quality of forecasters are rated good by U.S. standards.

D. Climatic data tables

This Subsection contains the climatological data tables referred to in Subsections A and B. Meteorological data on some elements, such as precipitation and temperatures, are abundant, with 25 years or more of record during the period 1901 through 1950. Ceiling and visibility data, however, are generally for 5 to 10 years of record. In all cases, these data are the best available and are considered reliable. The annual values in some tables may differ slightly from the sum or means of the monthly values because of the rounding-off of fractions. A map of station locations (FIGURE 67), with an accompanying list giving latitude, longitude, and elevation of stations mentioned in Subsections A, B, and D, appears at the end of this Section.

FIGURE 27. MEAN CLOUDINESS (%)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Břoslav	78	74	62	63	59	57	57	56	57	69	80	82	66	25
Čáslav	72	70	61	61	59	57	58	54	53	64	76	74	63	25
České Budějovice	74	67	61	63	61	57	56	52	52	63	76	77	63	25
Cheb	77	72	62	64	63	61	61	59	59	70	84	83	68	25
Hradec Králové	75	69	59	59	56	57	55	52	51	61	80	76	63	25
Jevíčko	77	72	61	60	55	53	53	51	50	62	81	79	63	25
Liberec	78	76	62	63	58	59	60	56	54	68	80	79	66	25
Mariánské Lázně	78	70	59	62	59	58	57	55	54	69	82	81	65	25
Město Albrechtice	69	70	63	63	59	58	59	56	56	64	73	73	64	25
Milosvovka	78	75	66	67	64	62	63	59	58	71	82	79	68	25
Paněf	74	70	66	70	65	64	65	62	60	70	76	76	69	25
Plzeň	80	72	61	63	61	64	63	58	57	71	84	82	68	25
Prague	75	70	60	58	57	56	56	51	52	65	78	79	63	25
Rožmitál pod Třemšínem	74	66	55	55	52	49	49	44	45	62	78	79	59	25
Sněžka*	74	76	73	76	72	73	74	71	69	77	79	72	74	25
Tábor	79	72	64	64	63	61	60	56	56	69	82	82	67	25
Toplice	86	81	69	67	64	62	63	60	61	75	87	88	72	25
Vitkov	75	73	63	61	58	56	55	54	51	63	77	79	64	25
Eastern Lowlands:														
Bratislava	72	64	56	52	49	47	45	42	42	56	74	76	56	25
Břež	72	66	54	54	51	50	49	47	45	58	77	76	58	25
Hurbanovo	72	66	59	58	57	54	48	47	47	59	74	76	60	25
Košice	73	69	59	59	55	55	51	49	47	58	76	76	61	25
Ladonice	69	62	53	55	53	48	43	42	43	56	73	74	56	25
Nitra	71	65	56	55	54	51	47	45	45	57	75	75	58	25
Opava	72	73	65	63	61	61	60	59	56	65	77	77	66	25
Ostrava	76	75	65	63	59	58	57	56	54	65	76	79	65	25
Plzeňany	71	67	57	56	55	51	49	46	46	58	75	74	59	25
Přerov	76	72	58	58	56	54	54	52	49	62	79	79	62	25
Strážnice	76	70	59	60	58	57	56	52	49	60	77	78	63	25
Znojmo	75	65	59	61	58	58	55	53	52	66	78	81	63	25
Eastern Mountains:														
Břežno nad Hronem	68	64	59	61	60	56	54	54	54	65	77	75	62	25
Bystrá	72	70	61	59	55	54	53	51	49	60	76	76	61	25
Lomuloký štít	57	57	58	67	67	74	70	60	56	52	60	56	61	25
Lysá Hora	76	74	70	70	62	63	62	62	61	68	78	77	69	25
Oravský Podzámok	71	72	63	64	62	60	58	58	57	65	78	75	65	25
Sľaď	60	65	66	57	57	54	48	48	49	62	77	75	60	25
Spilská Nová Ves	64	65	60	62	58	57	53	53	50	58	72	71	60	25
Starý Smokovec	62	65	60	65	65	64	60	60	55	61	68	68	63	25
Trochianske Toplice	64	62	59	57	53	51	50	48	48	57	73	73	58	25
Turčiansky Svätý Martin	72	72	63	63	60	60	58	55	55	65	78	76	65	25

NOTE: Mean cloudiness is the average of cloudiness observed at 0700, 1400, and 2100 LST.

* Near but outside Czechoslovakia.

FIGURE 28. MEAN CLOUDINESS (%) AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	66	71	62	59	56	54	54	48	40	51	82	75	60	8-9
Hradec Králové.....	0100	69	72	62	50	52	50	49	46	36	51	74	69	56	4-5
Plzeň/Dobřany.....	0100	70	75	59	56	55	52	45	45	41	52	75	72	59	3-4
Praděd.....	0100	76	69	71	69	64	62	60	59	50	62	75	84	68	3-4
Prague/Ruzyně.....	0100	68	68	55	50	49	49	51	46	39	54	74	74	56	11-12
Přibyslav.....	0100	72	66	68	52	59	55	49	42	35	59	80	76	59	6-8
Štítko*.....	0100	70	65	69	64	65	65	65	64	61	65	72	70	66	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	66	64	58	49	45	46	42	35	32	45	72	71	52	9-11
Brno/Tuřany.....	0100	70	65	54	46	48	48	45	39	35	51	72	76	54	11
Koalice.....	0100	69	68	52	44	42	41	38	34	34	41	66	75	50	10-11
Ostrava.....	0100	74	68	61	52	52	51	51	41	38	52	71	75	58	9-10
Ušgorod*.....	0100	74	74	51	48	48	44	40	35	36	41	69	74	52	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	0100	69	64	59	66	68	70	64	59	56	51	59	66	62	6-8
Lomnický Štít.....	0100	55	54	59	65	65	71	70	60	51	41	52	65	59	4-5
Šlihač.....	0100	69	66	58	48	45	46	41	34	32	54	70	76	54	8-9
Western Hills and Plains:															
České Budějovice.....	0700	76	86	78	72	68	65	64	62	60	71	85	79	72	8-9
Hradec Králové.....	0700	68	86	73	65	74	55	60	62	56	69	86	75	69	3-4
Milešovka.....	0700	80	80	70	60	60	60	60	60	60	70	80	80	68	9-10
Plzeň/Dobřany.....	0700	79	91	68	72	74	60	61	62	62	74	85	80	72	3-4
Praděd.....	0700	79	75	81	72	66	72	74	69	68	69	80	80	74	4-5
Prague/Ruzyně.....	0700	75	76	70	64	59	58	59	58	51	64	81	80	66	11-12
Přibyslav.....	0700	78	81	76	69	66	62	65	60	54	66	85	84	70	6-8
Štítko*.....	0700	74	72	74	74	72	74	72	72	70	70	78	78	74	10-11
Toplice.....	0700	90	90	80	80	70	70	70	70	80	90	90	90	81	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	74	76	71	62	58	54	51	51	46	60	79	79	64	9-11
Brno/Tuřany.....	0700	76	78	70	61	60	58	52	52	49	69	79	80	65	11-12
Hurbanovo.....	0700	80	70	60	60	50	50	40	50	50	60	80	80	61	10
Koalice.....	0700	76	75	65	56	56	54	46	42	45	56	75	81	61	11-12
Ostrava.....	0700	79	78	74	66	64	60	58	56	58	70	80	70	69	10-11
Přerov.....	0700	80	70	60	60	50	50	50	50	50	60	80	80	62	10
Ušgorod*.....	0700	78	79	76	65	64	58	58	54	50	61	80	84	68	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	0700	70	68	65	74	72	71	66	64	62	62	60	74	69	7-8
Lomnický Štít.....	0700	62	69	64	65	71	69	61	60	56	58	60	68	64	5-7
Šlihač.....	0700	78	76	75	62	62	59	52	51	61	82	86	82	69	8-9
Western Hills and Plains:															
České Budějovice.....	0100	76	75	75	72	74	71	70	65	55	61	82	78	71	7-9
Hradec Králové.....	1300	74	75	68	68	74	62	65	68	55	65	88	78	70	4-6
Milešovka.....	1400	70	80	70	70	60	60	70	70	60	60	80	70	68	10
Plzeň/Dobřany.....	1300	75	76	72	70	70	65	69	68	50	62	82	78	71	3-4
Praděd.....	1300	81	69	74	76	80	81	82	79	74	70	78	84	78	3-5
Prague/Ruzyně.....	1300	74	72	68	66	68	66	69	65	58	64	80	78	69	11-12
Přibyslav.....	1300	80	75	78	74	76	74	76	70	61	66	88	84	75	6-7
Štítko*.....	1300	78	74	75	78	81	82	81	80	75	72	76	75	78	10-11
Toplice.....	1400	90	80	70	70	70	70	70	70	70	80	90	90	77	10

* Near but outside Czechoslovakia.

FIGURE 28 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	72	74	69	64	64	59	59	52	51	56	78	79	65	9-11
Brno/Tufany.....	1300	74	74	69	69	69	68	65	62	58	65	82	81	70	11-12
Hurbanovo.....	1400	50	70	30	50	50	50	50	50	50	50	50	50	53	10
Košice.....	1300	74	71	62	61	64	61	55	51	51	51	75	79	62	10-11
Ostrava.....	1300	72	71	69	69	70	66	61	62	58	62	78	76	68	10-11
Pferov.....	1400	70	60	60	70	60	60	50	60	50	60	70	80	63	10
Ushgorod*.....	1300	74	79	71	66	71	66	64	58	56	55	79	81	69	6-7
Eastern Mountains:															
Kasprowy Wieroh*.....	1300	69	69	71	80	82	84	80	79	72	61	65	76	74	6-7
Lomnický Štít.....	1300	64	65	62	76	84	89	84	81	71	56	60	68	71	4-6
Šliač.....	1300	74	70	69	68	71	68	62	59	52	60	80	78	68	7-9
Western Hills and Plains:															
České Budějovice.....	1900	71	74	75	72	72	68	62	61	54	55	78	76	69	8-10
Hradec Králové.....	1900	66	71	71	68	70	62	59	59	55	56	74	71	65	3-5
Plzeň/Dobřany.....	1900	66	74	74	69	72	62	59	55	50	58	75	71	65	3-4
Praděd.....	1900	78	72	78	74	68	72	72	69	68	68	75	80	72	4-5
Prague/Ruzyně.....	1900	69	65	61	64	62	61	62	58	51	52	75	75	62	11-12
Přibyslav.....	1900	72	71	71	66	68	62	62	61	50	52	78	79	68	6-8
Šnietka*.....	1900	75	74	75	74	74	75	71	72	69	68	71	71	72	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	62	65	61	60	55	58	54	54	45	45	70	71	58	9-11
Brno/Tufany.....	1900	69	69	62	65	61	61	58	54	51	52	78	76	62	11-12
Košice.....	1900	68	65	58	56	59	59	51	50	42	40	69	75	58	11
Ostrava.....	1900	71	65	65	66	65	62	55	56	50	54	72	74	62	10-11
Ushgorod*.....	1900	70	72	60	62	68	68	60	59	45	42	68	76	62	5-7
Eastern Mountains:															
Kasprowy Wieroh*.....	1900	66	64	64	75	78	80	74	72	65	58	66	68	69	7-8
Lomnický Štít.....	1900	56	61	64	74	80	82	75	75	65	49	59	64	68	5-7
Šliač.....	1900	69	62	66	62	64	62	54	50	45	49	70	72	60	8-10

* Near but outside Czechoslovakia.

FIGURE 20. MEAN NUMBER OF CLEAR DAYS

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny.....	2	2	5	4	4	5	4	5	4	2	1	2	40	25
Čáslav.....	2	2	4	3	4	4	4	5	7	4	1	2	48	25
České Budějovice.....	1	3	4	3	3	4	4	5	6	3	1	1	38	25
Chab.....	2	3	5	3	3	4	3	4	4	3	1	2	36	25
Hradec Králové.....	2	3	6	4	4	4	5	6	7	4	1	3	47	25
Jeviško.....	2	3	5	3	5	5	6	6	7	5	1	2	49	25
Liberec.....	3	2	5	4	5	4	4	6	6	3	2	3	46	25
Mariánské Lázně.....	2	4	6	4	4	4	4	5	6	3	1	2	46	25
Město Albrechtice.....	3	3	5	4	4	4	3	5	6	4	2	3	45	25
Miláňovka.....	2	3	5	3	4	4	4	5	6	3	1	3	41	25
Pančf.....	4	4	5	3	3	4	3	4	5	4	2	3	44	25
Pleš.....	1	2	5	3	3	3	3	4	5	2	1	1	32	25
Prague.....	2	2	5	5	4	4	4	6	6	3	2	1	44	25
Rožmitál pod Třemšínem.....	2	4	7	6	6	7	7	9	9	5	1	2	64	25
Šnecáka*.....	4	2	3	2	2	2	1	2	3	2	2	4	28	25
Tábor.....	2	3	5	4	4	4	4	5	6	3	1	2	41	25
Teplce.....	1	1	3	2	3	3	3	3	3	2	**	1	28	25
Vitkov.....	3	2	4	3	4	4	4	6	6	4	2	2	44	25
Eastern Lowlands:														
Bratislava.....	2	4	6	5	6	6	6	8	9	5	2	2	61	25
Brno.....	3	4	6	5	5	5	5	7	8	5	2	2	56	25
Hurbanovo.....	3	4	5	4	4	4	6	7	7	5	2	2	52	25
Košice.....	3	3	6	4	4	4	6	6	7	5	2	2	51	25
Lučenec.....	4	5	7	5	5	6	7	9	9	6	3	3	69	25
Nitra.....	3	4	6	4	4	5	6	7	8	5	2	3	56	25
Opava.....	3	2	4	3	4	3	4	4	5	4	1	2	38	25
Ostrava.....	2	2	4	3	4	4	4	6	6	3	2	1	41	25
Plešany.....	3	3	5	4	4	5	5	7	7	5	1	2	52	25
Přerov.....	2	3	5	4	4	4	4	6	7	4	1	2	47	25
Strážnice.....	2	3	5	4	4	4	4	5	7	4	1	2	45	25
Znojmo.....	2	3	4	3	3	3	4	5	6	3	1	1	40	25
Eastern Mountains:														
Bystřice.....	4	3	6	4	6	6	5	7	8	5	2	3	58	25
Lomnický štít.....	5	5	6	3	2	1	2	4	5	8	3	6	48	25
Lysá Hora.....	5	3	4	3	4	2	3	3	6	4	2	3	42	25
Oravský Podzámok.....	4	3	5	3	4	4	4	4	4	4	2	3	43	25
Šliach.....	4	4	6	4	4	4	5	5	6	5	2	3	52	25
Spišská Nová Ves.....	4	3	5	3	3	3	5	5	7	5	3	3	48	25
Starý Smokovec.....	5	4	5	2	2	2	3	3	5	5	3	4	43	25
Trenčianske Teplice.....	3	4	6	5	5	5	6	8	8	5	1	3	59	25
Turčiansky Svätý Martin.....	4	3	5	3	3	3	4	5	6	3	2	3	41	25

NOTE Clear day is defined as a day with mean cloud cover < 2-eighths.

* Near but outside Czechoslovakia.

** < 0.5 day.

FIGURE 30. MEAN NUMBER OF DAYS WITH TOTAL CLOUD COVER ≥ 2 -EIGHTHS AT SPECIFIED HOURS

REGION AND STATION	HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:															
České Budějovice	0100	8	6	10	10	11	12	12	14	16	13	4	6	122	8-9
Hradec Králové	0100	7	7	10	13	13	12	13	14	18	14	7	9	136	4-5
Plzeň/Dobruška	0100	9	6	11	10	12	12	14	15	16	14	5	7	131	3-4
Prácheň	0100	8	9	8	9	10	9	11	12	12	11	8	5	112	3-4
Prague/Ruzyně	0100	8	8	12	13	13	13	12	14	16	13	6	7	135	11-12
Přibyslav	0100	8	9	9	12	11	11	13	17	18	14	5	6	133	6-8
Štětka*	0100	8	9	9	10	10	9	9	10	11	11	7	8	110	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0100	8	8	12	12	15	14	15	18	19	15	7	7	152	9-11
Brno/Tuřany	0100	8	8	13	15	14	14	15	18	18	13	7	7	149	11
Košice	0100	9	8	13	15	16	16	18	19	19	17	8	7	164	10-11
Ostrava	0100	6	8	11	13	13	13	13	16	17	13	7	6	136	9-10
Uzhgorod*	0100	7	7	14	15	14	15	17	19	18	18	8	7	158	5-7
Eastern Mountains:															
Kasprowy Wierch*	0100	9	9	13	9	9	8	11	11	12	15	12	10	127	6-8
Lomnický Štít	0100	13	11	12	9	10	8	8	12	14	17	12	10	136	4-5
Šliach	0100	8	8	12	13	15	13	15	19	19	12	6	6	147	8-9
Western Hills and Plains:															
České Budějovice	0700	5	2	4	5	7	7	7	8	9	6	2	4	66	8-9
Chob.	0800	5	5	6	7	7	10	7	7	5	2	2	3	66	4-5
Hradec Králové	0700	8	3	6	8	4	8	9	7	11	7	3	6	79	3-4
Liberec	0800	5	4	5	5	8	8	8	9	7	6	3	4	70	5-6
Miláňovka	0700	7	4	7	10	10	11	10	9	10	7	5	4	93	9-10
Plzeň/Dobruška	0700	5	1	6	4	5	8	7	7	10	6	3	5	67	3-4
Prácheň	0700	6	6	4	6	8	5	6	7	9	8	5	5	76	4-5
Prague/Ruzyně	0700	6	5	6	8	10	9	10	9	12	8	3	4	90	11-12
Přibyslav	0700	6	4	5	7	8	9	8	10	12	9	3	4	85	6-8
Štětka*	0700	7	7	7	6	7	5	7	6	7	7	5	5	76	10-11
Teplíc	0700	1	2	3	3	5	4	5	5	3	2	1	1	34	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0700	6	4	5	7	9	10	13	11	14	10	5	4	97	9-11
Brno/Tuřany	0700	6	5	7	8	9	10	12	11	13	7	5	4	97	11-12
Hurbanovo	0700	4	5	8	8	11	12	15	13	9	8	4	4	101	10
Košice	0700	6	6	8	10	10	12	14	15	15	11	5	5	115	11-12
Ostrava	0700	4	5	6	7	8	9	10	11	10	7	5	5	86	10-11
Přerov	0700	4	5	10	8	10	10	12	12	10	8	4	4	97	10
Uzhgorod*	0700	6	5	5	9	9	10	11	12	13	11	5	4	100	5-6
Eastern Mountains:															
Kasprowy Wierch*	0700	8	9	9	5	6	6	8	9	9	10	7	7	95	7-8
Lomnický Štít	0700	11	8	10	9	7	7	11	10	11	11	11	10	114	5-7
Šliach	0700	6	5	5	8	8	9	12	12	9	5	2	4	82	8-9
Western Hills and Plains:															
České Budějovice	1300	4	5	4	4	2	4	3	5	9	9	2	4	54	7-9
Chob.	1400	7	6	6	4	4	6	3	3	4	3	3	4	53	4-5
Hradec Králové	1300	5	5	5	5	2	5	6	5	10	8	1	5	59	4-6
Liberec	1400	5	5	6	5	5	6	4	5	6	6	3	5	60	5
Miláňovka	1400	8	5	5	6	6	6	5	5	8	9	4	5	71	10
Plzeň/Dobruška	1300	5	5	5	4	1	4	3	5	8	8	1	5	52	3-4
Prácheň	1300	4	7	7	4	1	2	2	2	4	8	5	4	47	3-5
Prague/Ruzyně	1300	5	5	7	6	4	4	4	4	8	8	3	4	60	11-12
Přibyslav	1300	4	5	4	4	2	3	2	3	7	7	2	3	44	6-7
Štětka*	1300	6	6	5	4	2	2	3	2	5	7	5	6	52	10-11
Teplíc	1400	1	3	5	3	2	2	3	3	4	2	2	1	31	10

* Near but outside Czechoslovakia.

FIGURE 30 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	5	5	5	6	5	6	8	8	10	10	4	4	75	9-11
Brno/Tuřany.....	1300	6	4	6	5	4	4	6	6	9	8	3	4	63	11-12
Hurbanovo.....	1400	5	6	7	4	5	6	8	9	7	10	6	5	76	10
Košice.....	1300	6	5	9	8	5	7	8	11	11	12	5	5	91	10-11
Ostrava.....	1300	6	6	7	6	5	6	8	6	9	8	4	5	74	10-11
Přerov.....	1400	5	7	9	5	5	5	7	6	8	7	5	4	71	10
Uzhgorod*	1300	7	5	6	7	4	7	6	10	10	12	4	4	83	6-7
Eastern Mountains:															
Kasprowy Wierch*.....	1300	8	7	6	3	1	1	2	3	6	10	8	6	62	6-7
Lomnický štít.....	1300	9	8	10	6	2	1	2	2	7	12	11	8	78	4-6
Šlihaš.....	1300	6	5	7	5	2	3	5	7	10	9	3	5	68	7-9
Western Hills and Plains:															
České Budějovice.....	1900	6	5	5	5	4	5	7	7	11	11	5	5	74	8-10
Chob.....	1900	8	5	7	5	5	8	4	6	7	5	7	5	73	3-4
Hradec Králové.....	1900	10	7	6	6	3	6	9	8	10	11	6	7	80	3-5
Liberec.....	1900	7	5	7	5	5	8	6	9	8	10	4	6	80	4-5
Píseň, Dobřany.....	1900	8	6	5	4	5	6	8	7	11	12	6	8	86	3-4
Pradč.....	1900	7	7	6	5	6	5	5	6	8	10	7	6	76	4-5
Prague/Ruzyně.....	1900	8	8	10	7	7	7	8	8	11	13	6	6	98	11-12
Přibyslav.....	1900	7	7	6	7	6	7	7	8	12	14	6	5	91	6-8
Šniežka*.....	1900	7	6	6	6	5	4	5	5	7	9	7	8	75	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	10	8	8	8	10	8	11	11	15	15	8	7	120	9-11
Brno/Tuřany.....	1900	8	7	9	9	7	8	10	10	12	13	5	6	104	11-12
Košice.....	1900	9	9	10	10	8	8	11	11	16	17	8	7	123	11
Ostrava.....	1900	6	8	9	7	7	7	9	10	12	13	7	6	101	10-11
Uzhgorod*.....	1900	8	7	11	10	7	7	9	10	15	17	9	7	116	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	1900	10	9	10	6	4	3	6	6	9	13	9	9	93	7-8
Lomnický štít.....	1900	12	10	11	6	4	3	5	5	10	15	12	10	102	5-7
Šlihaš.....	1900	8	9	9	8	6	7	10	10	14	14	7	7	109	8-9

* Near but outside Czechoslovakia.

FIGURE 31. MEAN NUMBER OF CLOUDY DAYS

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMC
Western Hills and Plains:														
Přezbory	18	15	11	11	9	8	7	8	8	13	18	21	149	25
Čáslav	18	15	13	11	10	9	9	8	8	14	19	19	152	25
České Budějovice	17	12	10	10	9	7	7	7	8	11	16	17	130	25
Chob.	19	15	12	11	10	10	8	9	9	15	20	22	159	25
Hradec Králové	17	14	10	9	7	8	6	7	7	10	18	18	129	25
Jevíčko	20	15	12	11	9	8	7	8	8	12	21	21	151	25
Libeň	20	16	13	11	9	9	9	9	8	13	19	20	155	25
Mariánské Lázně	19	15	12	9	9	9	7	8	8	15	20	21	152	25
Město Albrechtice	14	13	11	10	9	8	8	8	8	12	15	16	131	25
Milešovka	18	15	14	12	10	9	10	9	9	15	19	20	160	25
Pančiv	17	16	14	14	12	11	11	11	11	15	18	19	168	25
Píseň	20	15	11	11	12	11	10	10	10	14	21	22	166	25
Prague	17	13	10	9	8	7	7	6	6	12	18	19	131	25
Rožmitál pod Třemšínem	16	12	9	8	7	6	5	5	5	12	17	19	122	25
Štětka*	17	16	16	16	15	14	15	15	14	18	18	17	192	25
Tábor	19	15	13	11	10	9	9	8	9	14	20	21	157	25
Teplíc	22	18	14	11	10	8	9	8	9	16	22	23	170	25
Vitkov	17	15	12	10	8	7	7	7	6	11	17	19	135	25
Eastern Lowlands:														
Bratislava	15	11	8	5	6	5	4	4	4	9	15	17	102	25
Brno	16	12	8	7	6	5	4	4	5	9	17	18	110	25
Hurbanovo	15	12	10	8	8	6	5	5	5	10	15	18	115	25
Košice	18	14	11	9	7	7	6	6	5	11	17	19	129	25
Lučenec	15	11	9	8	7	5	3	4	4	10	16	17	109	25
Nitra	16	12	9	7	6	5	5	4	4	9	15	17	110	25
Opava	15	14	12	10	10	9	8	8	8	12	19	18	139	25
Ostrava	18	15	12	10	9	8	8	8	7	12	16	19	143	25
Piešťany	15	12	9	8	6	5	4	4	5	10	16	17	110	25
Přerov	18	14	11	9	8	7	6	6	6	11	18	20	133	25
Strážnice	17	13	11	9	9	8	8	6	7	11	17	18	134	25
Znojmo	18	13	11	10	8	7	7	5	7	12	18	21	138	25
Eastern Mountains:														
Bystřice	17	14	12	9	9	8	7	7	6	12	17	18	136	25
Lomnický štít	12	11	11	12	12	15	13	10	8	9	12	9	134	25
Lysá Hora	19	17	16	14	11	11	11	12	11	15	20	20	179	25
Oravský Podzámok	17	15	12	11	11	9	8	8	9	14	18	17	150	25
Štině	15	12	9	8	8	6	4	5	5	11	17	18	119	25
Špišská Nová Ves	14	12	11	10	8	8	4	7	6	9	15	16	118	25
Starý Smokovec	11	12	10	11	11	9	8	9	7	11	13	14	125	25
Trončiansko Topľice	16	13	10	8	7	6	6	6	6	12	17	18	126	25
Turčiansky Svätý Martin	18	16	13	10	10	9	8	7	8	13	19	19	147	25

Note: Cloudy day is defined as a day with mean cloud cover >6-eighths.

* Near but outside Czechoslovakia.

FIGURE 32. MEAN NUMBER OF DAYS WITH TOTAL CLOUD COVER ≥ 6 -EIGHTHS AT SPECIFIED HOURS

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMC
(LST)															
Western Hills and Plains:															
České Budějovice	0100	19	19	18	17	15	14	14	13	10	14	23	22	199	8-9
Hradec Králové	0100	20	19	18	13	14	13	13	12	9	15	21	21	189	4-5
Píseň/Dobřany	0100	21	20	18	16	15	14	11	12	11	16	21	22	196	3-4
Praděd	0100	23	19	21	20	18	17	17	17	16	18	22	26	233	3-4
Prague/Ruzyně	0100	20	18	16	13	13	12	14	12	9	16	21	22	184	11-12
Přibyslav	0100	22	18	20	14	17	14	14	11	9	14	23	23	199	6-8
Štětka*	0100	20	18	20	18	19	17	18	18	18	19	21	21	226	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji															
Dunaj	0100	20	17	16	13	11	11	10	8	8	13	21	21	168	9-11
Brno/Tuřany	0100	21	17	15	12	13	12	12	10	9	15	21	23	179	11
Kořice	0100	20	18	15	11	10	10	10	7	8	11	19	22	160	10-11
Ostrava	0100	22	18	18	14	14	13	14	10	10	15	20	22	190	9-10
Ušgorod*	0100	22	20	16	14	14	13	11	10	10	13	21	22	188	5-7
Eastern Mountains:															
Kraspropy Wieroh*	0100	20	17	17	18	19	18	17	15	14	14	16	20	209	6-8
Lomnický Štít	0100	15	13	17	17	19	20	20	17	14	10	14	19	194	4-5
Štiáň	0100	20	18	16	12	11	12	10	8	8	15	22	23	174	8-9
Western Hills and Plains:															
České Budějovice	0700	22	23	23	21	18	17	18	17	16	20	25	23	242	8-9
Chob	0800	25	22	22	21	22	18	21	22	22	27	27	27	274	4-5
Hradec Králové	0700	19	23	20	17	20	15	16	16	15	19	25	22	227	3-4
Liberoc	0800	24	22	24	22	20	18	19	19	20	23	25	25	263	5-6
Milešovka	0700	23	23	21	17	16	15	17	17	18	21	24	25	230	9-10
Píseň/Dobřany	0700	24	25	17	19	21	15	16	17	17	22	24	24	241	3-4
Praděd	0700	23	19	24	20	17	19	20	19	19	19	23	23	244	4-5
Prague/Ruzyně	0700	23	20	20	18	17	15	16	16	13	18	23	24	222	11-12
Přibyslav	0700	23	22	23	20	19	17	19	16	15	19	24	26	242	6-8
Štětka*	0700	22	19	22	21	21	20	21	22	20	20	22	23	253	10-11
Teplice	0700	29	24	24	22	20	20	19	20	22	26	27	28	281	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji															
Dunaj	0700	22	20	21	16	15	13	13	13	11	16	22	24	205	9-11
Brno/Tuřany	0700	22	21	21	17	16	15	14	14	13	20	22	24	217	11-12
Hurbanovo	0700	24	19	18	17	15	13	11	12	14	19	23	24	208	10
Kořice	0700	23	20	18	14	14	14	11	10	10	15	21	24	192	11-12
Ostrava	0700	23	20	22	18	18	16	15	15	15	20	23	24	230	10-11
Přerov	0700	24	19	16	15	14	14	12	12	13	17	22	24	201	10
Ušgorod*	0700	23	22	25	20	20	17	17	16	13	19	24	26	242	5-6
Eastern Mountains:															
Kraspropy Wieroh*	0700	20	18	19	21	21	20	19	18	18	18	19	22	233	7-8
Lomnický Štít	0700	17	18	18	18	20	18	16	15	14	15	15	20	204	5-7
Štiáň	0700	23	20	21	17	17	15	14	13	16	25	25	24	230	8-9
Western Hills and Plains:															
České Budějovice	1300	22	20	23	20	21	19	19	17	12	17	23	23	236	7-9
Chob	1400	22	19	23	23	23	18	25	23	21	25	26	26	273	4-5
Hradec Králové	1300	21	21	17	18	21	15	17	16	13	18	26	23	226	4-6
Liberoc	1400	24	20	22	22	22	18	23	20	19	21	25	24	280	8
Milešovka	1400	21	21	21	19	17	17	18	18	17	19	22	23	231	10
Píseň/Dobřany	1300	23	21	19	19	23	14	16	18	15	17	22	23	228	3-4
Praděd	1300	24	17	21	21	23	24	24	23	21	19	21	24	262	3-5
Prague/Ruzyně	1300	22	19	19	18	18	18	18	16	14	18	23	24	224	11-12
Přibyslav	1300	25	19	22	21	23	20	32	20	15	19	27	26	258	6-7
Štětka*	1300	23	19	23	23	26	25	26	25	22	22	32	22	276	10-11
Teplice	1400	27	21	20	21	20	19	17	19	20	23	25	27	258	10

* Near but outside Czechoslovakia.

FIGURE 32 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	21	19	19	16	15	12	14	10	11	14	22	24	197	9-11
Brno/Tuřany.....	1300	22	19	19	19	19	17	16	15	14	18	24	25	226	11-12
Hurbanovo.....	1400	22	17	18	18	14	13	13	11	15	16	20	23	198	10
Košice.....	1300	21	19	17	14	15	14	11	10	11	12	21	24	189	10-11
Ostrava.....	1300	21	17	20	18	19	17	16	16	14	17	22	23	222	10-11
Přerov.....	1400	21	16	16	18	15	15	12	14	14	16	21	24	202	10
Ušgorod*.....	1300	22	22	21	19	21	20	18	16	15	16	24	25	237	6-7
Eastern Mountains:															
Kasprowy Wierch*.....	1300	21	18	22	23	25	26	25	25	21	17	18	23	264	6-7
Lomnický štít.....	1300	17	17	18	22	25	27	25	24	20	14	16	19	242	4-6
Šliač.....	1300	21	18	19	16	20	17	14	13	12	16	23	23	213	7-9
Western Hills and Plains:															
České Budějovice.....	1900	21	19	22	20	21	17	17	15	13	15	21	23	222	8-10
Čeb.....	1900	21	20	18	21	21	16	21	19	18	23	20	24	242	3-4
Hradec Králové.....	1900	19	18	20	17	19	15	15	14	13	15	21	21	206	8-5
Liberec.....	1900	23	21	20	20	21	16	18	16	19	20	24	23	230	4-5
Píseň/Dobřany.....	1900	20	20	21	19	20	14	15	13	13	16	21	21	212	3-4
Prácheň.....	1900	23	19	23	19	17	19	20	18	18	19	21	25	241	4-5
Prague/Ruzyně.....	1900	20	17	17	17	16	16	17	14	13	14	22	22	203	11-12
Přibyslav.....	1900	22	18	20	17	19	16	16	15	12	15	22	23	214	6-8
Šuleška*.....	1900	23	20	23	21	21	21	21	21	19	19	20	21	248	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	18	17	16	15	13	14	13	12	10	12	20	21	180	9-11
Brno/Tuřany.....	1900	20	18	17	17	16	16	15	13	12	15	22	23	202	11-12
Košice.....	1900	20	17	15	14	14	14	12	11	9	10	19	22	177	11
Ostrava.....	1900	21	17	18	17	17	16	14	14	12	15	21	22	204	10-11
Ušgorod*.....	1900	22	20	19	18	21	21	18	16	12	13	20	23	221	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	1900	19	16	19	21	24	24	22	21	17	16	19	19	235	7-8
Lomnický štít.....	1900	15	15	18	20	24	24	21	22	17	12	16	18	221	5-7
Šliač.....	1900	20	16	18	15	15	16	13	11	10	12	20	22	188	8-0

* Near but outside Czechoslovakia.

FIGURE 33. MEAN NUMBER OF DAYS WITH TOTAL CLOUD COVER $\geq 2/8$ THS AND VISIBILITY $\leq 2 1/2$ MILES AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice	0100	6	3	8	10	11	11	12	13	13	9	3	3	102	8-9
Hradec Králové	0100	7	4	8	13	12	12	13	13	16	10	4	5	115	4-5
Plzeň/Dobruška	0100	3	1	7	7	9	9	10	14	7	5	3	1	76	3-4
Prácheň	0100	8	8	8	9	11	9	11	11	12	11	7	5	108	3-4
Prague/Ruzyně	0100	7	5	11	12	14	13	12	14	15	11	6	6	125	11-12
Přibyslav	0100	7	7	8	12	10	10	13	16	17	13	4	5	121	6-8
Štětka*	0100	8	9	9	10	10	9	9	10	11	11	7	8	110	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0100	6	7	11	12	15	14	15	18	18	14	7	6	143	9-11
Brno/Tuřany	0100	6	6	11	14	14	13	15	17	18	10	6	5	135	11
Košice	0100	8	7	13	15	16	16	18	19	19	17	7	6	160	10-11
Ostrava	0100	4	5	7	11	11	11	12	14	13	8	4	5	106	9-10
Uşgorod*	0100	6	6	13	15	14	15	17	19	18	17	8	6	153	5-7
Eastern Mountains:															
Kasprowy Wierch*	0100	9	9	13	9	9	8	11	12	12	15	12	10	127	6-8
Lomnický štít	0100	13	11	12	9	10	7	8	12	14	17	12	11	136	4-5
Šliach	0100	5	5	11	13	14	12	15	18	15	8	5	3	125	8-9
Western Hills and Plains:															
České Budějovice	0700	3	1	3	3	5	6	5	6	3	2	2	3	41	8-9
Chob.	0800	2	2	3	5	4	5	4	2	1	1	1	2	32	4-5
Hradec Králové	0700	6	2	2	7	3	7	6	6	7	3	1	3	51	3-4
Liberce	0800	3	2	4	4	7	8	8	9	6	6	3	3	61	5-6
Plzeň/Dobruška	0700	2	**	2	1	3	4	3	4	3	1	0	**	22	3-4
Prácheň	0700	5	6	4	6	8	5	6	7	9	9	5	5	75	4-5
Prague/Ruzyně	0700	5	2	5	7	9	9	9	8	10	5	2	3	72	11-12
Přibyslav	0700	4	4	4	7	7	8	7	8	10	6	2	3	71	7-8
Štětka*	0700	7	7	6	6	7	5	7	6	7	7	6	5	76	10-11
Teplice	0800	2	2	1	3	5	13	8	7	8	1	1	1	51	2
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0700	4	3	3	6	8	10	12	11	11	6	3	3	79	9-11
Brno/Tuřany	0700	3	2	4	7	9	10	11	10	10	2	3	3	72	11-12
Košice	0700	5	5	8	10	10	12	14	15	14	9	5	4	110	10-11
Ostrava	0700	3	3	3	6	8	9	9	8	7	5	3	4	67	10-11
Uşgorod*	0700	5	5	5	9	9	10	11	12	12	9	5	3	94	5-6
Eastern Mountains:															
Kasprowy Wierch*	0700	8	8	9	5	6	6	8	9	9	10	7	7	95	7-8
Lomnický štít	0700	11	8	10	9	7	7	11	10	11	11	11	10	114	5-7
Šliach	0700	3	2	4	6	7	8	9	8	4	2	1	2	57	7-9
Western Hills and Plains:															
České Budějovice	1300	4	3	4	4	2	4	3	5	9	8	1	2	47	7-9
Chob.	1400	2	4	6	4	4	6	3	2	4	2	2	2	41	4-5
Hradec Králové	1300	4	2	4	5	2	5	6	5	10	7	1	4	53	4-6
Liberce	1400	4	5	6	5	5	6	4	5	6	6	3	3	57	2
Plzeň/Dobruška	1300	1	1	4	4	1	4	3	5	7	5	1	1	35	3-4
Prácheň	1300	4	7	7	4	1	2	2	2	4	8	4	4	46	3-5
Prague/Ruzyně	1300	4	3	6	6	3	4	4	4	7	7	3	3	54	11-12
Přibyslav	1300	3	4	4	4	2	3	2	3	7	7	2	2	43	6-7
Štětka*	1300	6	6	5	4	2	2	3	2	5	7	5	6	52	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1300	4	4	5	6	5	6	8	8	10	10	4	3	71	9-11
Brno/Tuřany	1300	4	3	6	5	4	4	6	6	9	7	3	3	59	11-12
Košice	1300	6	5	9	8	5	7	8	11	11	12	5	5	90	10-11
Ostrava	1300	4	4	6	6	5	6	8	6	9	8	4	4	67	10-11
Uşgorod*	1300	6	4	6	8	4	7	7	10	10	12	4	4	80	5-7
Eastern Mountains:															
Kasprowy Wierch*	1300	8	7	6	3	1	1	2	3	6	10	8	6	62	6-7
Lomnický štít	1300	8	8	10	6	2	1	2	3	7	12	11	9	77	4-6
Šliach	1300	2	2	6	5	2	3	5	6	10	9	3	3	56	7-9

* Near but outside Czechoslovakia.

** <0.5 day.

FIGURE 33 (Continued)

REGION AND STATION	HOUB	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:	(LST)														
České Budějovice.....	1900	4	3	4	5	4	5	7	7	11	10	5	4	66	8-10
Cheb.....	1900	2	4	6	5	5	8	4	6	7	4	5	2	58	3-4
Hradec Králové.....	1900	7	5	5	6	3	6	9	8	9	9	5	5	77	4-5
Liberec.....	1900	5	4	7	5	5	8	6	9	8	9	3	3	73	4-5
Píseň/Dobřany.....	1900	3	1	5	4	5	6	8	7	10	8	5	3	64	3-4
Praděd.....	1900	7	6	6	5	6	5	4	6	8	10	7	6	74	4-5
Prague/Ruzyně.....	1900	6	5	9	7	7	7	8	8	10	11	5	4	86	11-12
Přibyslav.....	1900	6	6	6	7	6	7	7	8	12	13	6	4	88	7-8
Štětka*.....	1900	7	6	6	6	5	4	5	5	7	9	7	8	75	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	7	6	8	8	10	8	11	11	15	14	7	6	112	9-11
Brno/Tuřany.....	1900	5	5	9	7	7	8	10	10	12	11	5	5	94	11-12
Koňice.....	1900	8	8	10	10	8	8	11	11	16	17	8	7	121	11
Ostrava.....	1900	4	5	7	7	7	8	9	10	11	10	5	4	87	11
Uhgorod*.....	1900	8	7	11	10	7	7	9	10	15	16	8	6	113	5-7
Eastern Mountains:															
Kaspový Wieroh*.....	1900	10	9	10	6	4	3	6	6	9	13	9	10	93	7-8
Lomnický štít.....	1900	12	10	11	6	4	3	5	5	10	15	12	10	103	5-7
Šliach.....	1900	4	6	8	8	5	7	10	10	14	14	7	5	98	8-10

* Near but outside Czechoslovakia.

** <0.5 day.

FIGURE 34. MEAN NUMBER OF DAYS WITH THUNDERSTORMS

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
Western Hills and Plains:														
Čáslav.....	*	*	*	3	7	8	7	6	2	0	*	*	33	10
České Budějovice.....	0	0	0	2	4	4	6	4	1	0	0	0	21	10
Chob.....	*	0	1	2	5	5	7	4	2	*	0	0	25	10
Hradec Králové.....	*	*	*	2	6	6	6	5	1	0	*	*	27	10
Liberec.....	0	0	*	1	6	7	6	6	3	*	*	*	31	10
Litomyšl.....	*	0	*	1	4	5	5	5	1	0	0	0	22	10
Mariánské Lázně.....	0	0	*	1	5	6	6	5	2	*	0	0	24	10
Milečovka.....	*	*	*	2	6	5	7	4	1	*	0	0	26	20
Píseň.....	0	*	*	1	5	4	6	6	2	*	0	*	25	10
Pradůb.....	*	0	*	2	5	5	5	4	2	0	*	0	23	10
Prague.....	0	*	*	2	6	6	7	5	2	0	0	*	29	10
Rožmitál pod Třemšínem.....	0	*	*	2	5	5	5	4	1	0	0	*	22	10
Štětka**.....	0	0	*	*	4	6	6	6	2	0	*	0	25	5
Tábor.....	0	0	0	2	7	6	6	5	2	*	*	0	27	10
Telč.....	*	*	*	2	6	7	7	6	2	*	0	*	30	10
Teplice.....	0	0	0	2	5	6	6	5	1	*	0	0	25	10
Eastern Lowlands:														
Bratislava.....	0	0	*	1	5	5	5	3	1	0	0	*	21	10
Bratislava/Ivanka pri Dunaji.....	0	0	0	1	3	4	4	3	1	*	0	0	16	20
Brno.....	*	0	0	1	4	5	6	3	1	*	0	0	21	10
Hurbanovo.....	*	0	*	2	7	7	7	4	2	*	0	0	29	10
Kolice.....	0	0	0	2	7	9	8	6	2	*	*	0	35	10
Lučenec.....	*	0	*	2	6	6	6	4	2	*	*	0	24	10
Opava.....	0	*	*	1	4	3	5	4	2	0	*	*	20	10
Plešany.....	0	0	*	2	6	7	8	4	2	*	*	*	29	10
Petrov.....	0	0	*	2	5	5	5	2	1	*	0	0	21	10
Strážnice.....	*	*	*	1	6	7	8	6	2	*	0	*	31	10
Ushgorod**.....	0	0	1	2	6	8	7	5	2	1	*	0	33	10
Znojmo.....	*	0	0	1	3	5	6	4	1	*	0	*	21	6
Eastern Mountains:														
Banská Štiavnica.....	0	*	*	2	4	4	4	3	1	*	0	0	17	10
Bystrčica.....	0	0	*	1	6	5	6	4	2	0	*	0	23	10
Kasprowy Wierch**.....	0	*	*	1	5	10	11	6	3	0	0	*	36	5
Lomnický štít.....	0	0	*	2	4	7	9	7	2	0	0	0	31	15
Lysá Hora.....	0	*	*	2	6	7	8	6	2	*	0	*	31	8
Oravský Podzámok.....	0	0	*	1	5	5	6	4	2	0	0	0	22	10
Spišská Nová Ves.....	0	0	0	2	5	8	7	7	2	0	*	0	31	10
Starý Smokovec.....	0	0	*	2	6	7	8	7	1	0	0	0	32	10
Trenčiansko Toplica.....	0	0	0	1	6	7	6	4	1	*	0	*	25	10
Turčiansky Svätý Martin.....	0	0	*	1	5	7	6	3	1	*	0	0	24	10

* <0.5 day.

** Near but outside Czechoslovakia.

FIGURE 35. PERCENTAGE FREQUENCY OF CEILING* < 656 FEET AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	10	11	6	**	0	1	**	1	3	0	10	15	6	8-9
Hradec Králové.....	0100	2	14	2	0	1	2	1	1	2	4	7	6	4	4-5
Píseň/Dobruška.....	0100	5	5	4	3	0	1	2	0	5	8	8	3	4	3-4
Prácheň.....	0100	70	63	64	56	41	44	48	43	47	56	68	80	57	3-4
Prague/Ruzyně.....	0100	14	9	8	4	2	1	1	1	2	6	18	20	7	11-12
Přibyslav.....	0100	25	24	19	5	9	3	5	4	4	9	27	24	13	6-8
Štětka***.....	0100	56	58	53	49	49	44	49	45	48	55	59	59	52	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	12	10	5	**	**	0	0	**	0	**	10	17	5	9-11
Brno/Tuřany.....	0100	9	8	2	**	0	**	1	1	1	6	9	17	5	11
Kořice.....	0100	17	16	2	**	**	**	**	1	0	3	12	24	6	10-11
Ostrava.....	0100	7	6	5	4	3	2	1	1	3	12	18	11	6	9-10
Ušgorod***.....	0100	7	10	1	2	0	0	0	1	0	1	8	13	4	5-7
Eastern Mountains:															
Kasprowy Wierch***.....	0100	47	47	38	48	39	46	41	35	35	33	44	50	42	5-7
Lomnický štít.....	0100	32	28	28	40	40	38	45	35	33	18	22	33	33	2-4
Šliach.....	0100	12	12	2	**	1	3	2	2	4	12	8	10	6	8-9
Western Hills and Plains:															
České Budějovice.....	0700	13	18	11	6	4	5	4	6	15	20	20	16	12	8-9
Čech.....	0800	17	15	14	11	0	7	8	11	14	18	26	17	14	4-5
Hradec Králové.....	0700	2	9	7	1	4	2	2	0	5	9	7	7	5	3-4
Liberec.....	0800	17	12	13	10	15	5	4	7	8	9	15	15	11	5-7
Píseň/Dobruška.....	0700	2	10	5	6	9	3	2	4	25	23	12	14	10	3-4
Prácheň.....	0700	69	64	65	54	45	53	57	45	49	54	71	72	58	4-5
Prague/Ruzyně.....	0700	14	17	13	8	5	3	3	2	6	14	21	24	11	11-12
Přibyslav.....	0700	24	28	21	11	17	9	9	10	9	22	37	29	19	7-8
Štětka***.....	0700	60	55	54	56	52	47	50	50	50	52	58	60	54	8-11
Teplice.....	0800	7	6	9	5	5	0	2	0	2	1	19	16	6	2-3
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	13	12	4	1	1	1	**	1	2	5	12	18	6	9-10
Brno/Tuřany.....	0700	11	10	6	1	1	2	2	1	4	10	13	16	6	11-12
Kořice.....	0700	17	16	5	2	2	2	1	2	2	4	11	21	7	10-11
Ostrava.....	0700	9	11	12	10	8	6	3	5	10	15	19	15	10	10-11
Ušgorod***.....	0700	10	12	2	1	2	1	0	1	1	6	10	13	5	5-6
Eastern Mountains:															
Kasprowy Wierch***.....	0700	47	44	30	48	37	40	37	35	33	36	38	53	40	5-7
Lomnický štít.....	0700	31	28	31	32	40	29	28	22	25	24	23	31	29	3-5
Šliach.....	0700	14	12	9	4	4	2	3	5	25	31	14	14	11	8-9
Western Hills and Plains:															
České Budějovice.....	1300	8	6	2	2	0	0	2	0	1	6	13	12	4	8-10
Čech.....	1400	9	10	8	1	3	1	1	3	4	11	18	18	7	4-5
Hradec Králové.....	1300	4	10	2	0	1	2	0	1	0	4	4	7	3	4-6
Liberec.....	1400	11	6	6	3	7	4	0	0	4	6	14	12	6	5-6
Píseň/Dobruška.....	1300	3	3	1	1	0	1	1	0	4	5	11	9	3	3-4
Prácheň.....	1300	70	53	52	65	54	60	68	54	55	53	66	73	61	3-5
Prague/Ruzyně.....	1300	11	9	7	2	1	2	1	1	2	6	13	16	6	11-12
Přibyslav.....	1300	21	26	14	5	5	4	3	4	3	7	30	26	12	6-7
Štětka***.....	1300	60	59	58	57	59	59	59	57	56	55	60	59	58	8-10

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

** < 0.5%.

*** Near but outside Czechoslovakia.

FIGURE 35 (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	12	9	2	**	1	1	**	0	**	2	10	16	4	8-11
Brno/Tufany.....	1300	11	8	1	**	1	1	0	1	**	4	8	17	4	11
Košice.....	1300	14	10	1	1	0	**	**	0	0	2	5	19	4	10-11
Ostrava.....	1300	6	5	4	2	2	1	1	2	2	4	11	13	4	10-11
Ushgorod***.....	1300	11	12	3	0	1	1	0	0	0	1	8	17	5	5-6
Eastern Mountains:															
Kasprowy Wierch***.....	1300	41	41	42	49	39	42	41	38	38	35	41	54	42	5-6
Lomnický Štít.....	1300	24	25	27	58	75	85	74	67	52	18	27	28	47	2-3
Šliač.....	1300	3	2	0	**	0	0	**	0	1	2	2	8	2	7-9
Western Hills and Plains:															
České Budějovice.....	1900	8	8	2	2	1	0	1	**	0	3	12	14	4	8-10
Chob.....	1900	8	10	8	3	1	0	0	3	2	10	19	29	8	3-4
Hradec Králové.....	1900	4	7	0	0	0	1	1	0	0	2	3	6	2	3-5
Liberec.....	1900	12	12	8	4	5	3	1	2	5	6	13	14	7	4-5
Píseň/Dobřany.....	1900	1	0	2	0	0	0	1	0	1	5	5	9	2	3-4
Praděd.....	1900	60	61	64	50	30	48	41	40	47	60	70	75	55	4-5
Prague/Ruzyně.....	1900	9	7	9	1	1	1	1	**	1	5	13	14	5	11-12
Přibyslav.....	1900	24	20	14	6	3	2	3	3	1	10	21	26	11	7-8
Šnieška***.....	1900	61	60	56	50	43	41	38	39	47	54	57	59	50	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	9	7	2	1	**	**	0	0	**	2	7	13	3	9-10
Brno/Tufany.....	1900	11	5	1	0	0	0	0	0	**	1	8	16	4	11-12
Košice.....	1900	16	11	2	0	0	0	0	**	1	1	7	26	5	11
Ostrava.....	1900	7	4	4	3	2	1	1	1	2	2	11	10	4	10-11
Ushgorod***.....	1900	9	10	2	0	0	1	1	0	0	1	5	10	3	5-7
Eastern Mountains:															
Kasprowy Wierch***.....	1900	43	40	41	52	45	46	43	41	38	38	40	49	44	6-7
Lomnický Štít.....	1900	24	29	33	43	60	59	56	58	43	17	23	32	40	3-4
Šliač.....	1900	4	3	**	0	0	0	0	0	0	1	3	8	2	8-9

* Ceiling is herein defined as $\frac{5}{8}$ -eighths cloud cover.

** <0.5%.

*** Near but outside Czechoslovakia.

FIGURE 36. PERCENTAGE FREQUENCY OF CEILING* <1,968 FEET AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	32	35	22	16	10	7	5	5	6	18	48	36	20	8-9
Hradec Králové.....	0100	15	31	10	1	7	3	5	3	3	11	22	25	11	4-5
Píseň/Dobruška.....	0100	36	45	23	13	8	7	6	1	7	20	37	42	20	3-4
Prácheň.....	0100	70	63	64	58	46	46	52	47	48	56	60	81	58	3-4
Prague/Ruzyně.....	0100	32	27	17	10	5	4	3	3	5	14	36	38	16	11-12
Přibyslav.....	0100	55	43	38	18	22	15	13	8	9	24	60	54	30	6-8
Šnítečka**.....	0100	56	58	55	49	51	44	49	46	49	55	59	60	53	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	27	23	10	3	2	2	2	1	2	6	20	34	11	9-11
Brno/Tuřany.....	0100	29	21	7	3	3	2	2	2	2	10	27	38	12	11
Kořice.....	0100	31	30	6	2	2	2	2	2	2	5	22	39	12	10-11
Ostrava.....	0100	28	25	18	14	10	8	7	4	5	19	28	24	16	9-10
Ušgorod**.....	0100	26	31	6	3	1	1	2	2	1	5	21	31	11	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	0100	49	48	40	50	47	50	48	40	43	36	47	51	46	5-7
Lomnický štít.....	0100	32	28	30	41	41	43	46	38	33	18	22	37	34	2-4
Šliach.....	0100	32	35	11	1	3	4	3	2	4	14	22	29	13	8-9
Western Hills and Plains:															
České Budějovice.....	0700	38	44	30	26	15	12	11	11	20	29	48	39	27	8-9
Chob.....	0800	72	69	53	46	44	37	42	47	52	75	80	84	58	4-5
Hradec Králové.....	0700	16	35	16	2	10	5	3	3	5	15	24	28	14	3-4
Liberec.....	0800	66	66	51	44	41	35	28	34	37	47	64	70	49	5-7
Píseň/Dobruška.....	0700	40	54	25	13	18	6	4	7	28	35	37	55	27	3-4
Prácheň.....	0700	70	66	66	55	48	55	57	46	51	56	72	72	60	4-5
Prague/Ruzyně.....	0700	35	38	22	13	8	6	7	5	7	21	40	42	20	11-12
Přibyslav.....	0700	52	53	48	32	34	22	24	17	20	44	60	59	39	7-8
Šnítečka**.....	0700	60	56	54	57	54	49	52	52	52	59	61	55	55	8-11
Toplice.....	0800	66	45	26	22	16	12	5	4	12	21	49	52	28	2-3
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	28	29	14	7	7	6	4	3	4	12	32	35	15	9-10
Brno/Tuřany.....	0700	30	25	18	6	5	6	5	3	7	10	37	36	16	11-12
Kořice.....	0700	35	33	10	6	4	6	5	3	6	8	23	42	15	10-11
Ostrava.....	0700	32	32	29	24	20	16	10	9	16	24	36	34	24	10-11
Ušgorod**.....	0700	28	39	9	9	3	9	4	3	6	16	30	41	16	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	0700	50	47	35	51	42	43	43	38	37	37	41	54	43	5-7
Lomnický štít.....	0700	35	32	33	33	42	34	32	24	27	26	25	32	31	3-5
Šliach.....	0700	36	32	16	11	8	8	6	8	27	38	29	37	21	8-9
Western Hills and Plains:															
České Budějovice.....	1300	32	31	25	18	10	8	7	4	3	18	43	32	19	8-10
Chob.....	1400	53	43	49	38	35	27	26	30	33	66	75	73	46	4-5
Hradec Králové.....	1300	22	28	25	6	9	4	5	6	0	12	26	30	14	4-6
Liberec.....	1400	59	47	39	28	28	19	3	5	23	42	61	66	35	5-6
Píseň/Dobruška.....	1300	39	43	25	13	9	6	6	6	9	20	32	48	21	3-4
Prácheň.....	1300	70	53	54	69	66	75	75	58	61	55	66	73	65	3-5
Prague/Ruzyně.....	1300	27	24	20	11	7	5	4	2	4	18	36	35	16	11-12
Přibyslav.....	1300	47	46	38	25	19	12	16	8	9	27	58	55	30	6-7
Šnítečka**.....	1300	62	60	50	64	71	72	71	63	58	57	60	59	63	8-10

* Ceiling is herein defined as $\frac{5}{8}$ cloud cover.

** Near but outside Czechoslovakia.

*** <0.5%.

FIGURE 36 (Continued)

REGION AND STATION	HOURL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	20	24	0	3	3	4	3	2	4	7	31	33	13	8-11
Brno/Tufany.....	1300	28	20	10	5	5	5	2	3	5	14	33	39	14	11
Košice.....	1300	31	24	6	5	2	3	2	1	3	5	22	35	12	10-11
Ostrava.....	1300	23	19	10	12	11	5	7	5	6	12	26	23	14	10-11
Ushgorod**.....	1300	28	34	13	6	4	4	1	2	2	6	23	41	14	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	1300	44	42	45	58	60	66	64	63	46	38	43	55	52	5-6
Lomnický štít.....	1300	24	30	28	60	75	87	75	71	52	18	27	30	48	2-3
Šliach.....	1300	30	21	8	5	3	2	2	***	3	10	20	20	11	7-9
Western Hills and Plains:															
České Budějovice.....	1900	*27	28	18	12	6	7	4	2	3	11	39	37	16	8-10
Chob.....	1900	51	58	37	20	20	24	17	25	28	58	69	83	42	3-4
Hradec Králové.....	1900	15	24	9	5	4	2	4	0	2	6	19	28	10	3-5
Liberec.....	1900	62	63	32	25	25	14	10	18	24	40	67	69	37	4-5
Pilsen/Dobřany.....	1900	27	30	21	6	6	5	1	2	1	17	30	47	16	3-4
Praděd.....	1900	60	61	65	57	43	50	46	42	51	61	70	76	58	4-5
Prague/Ruzyně.....	1900	20	24	15	7	5	2	3	2	2	10	35	35	14	11-12
Přibyslav.....	1900	43	38	32	16	10	8	9	6	8	21	55	54	25	7-8
Štálecka**.....	1900	62	61	56	52	48	46	41	44	40	55	57	59	53	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	24	18	10	4	2	1	1	***	1	5	22	30	10	9-10
Brno/Tufany.....	1900	27	18	10	4	2	1	1	1	3	7	23	34	11	11-12
Košice.....	1900	28	25	6	2	1	3	1	1	2	4	20	39	11	11
Ostrava.....	1900	21	20	16	14	5	4	3	4	5	10	24	23	12	10-11
Ushgorod**.....	1900	26	27	7	1	2	1	2	1	1	4	20	33	10	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	1900	46	40	42	55	52	53	48	45	43	40	50	49	47	6-7
Lomnický štít.....	1900	29	30	34	43	63	60	58	58	44	17	25	33	41	3-4
Šliach.....	1900	27	22	8	4	2	3	***	2	1	4	20	28	10	8-9

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

** Near but outside Czechoslovakia.

*** < 0.5%.

FIGURE 37. 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)														
Western Hills and Plains:															
České Budějovice.....	0100	13	9	15	15	16	16	16	18	20	17	7	9	170	8-9
Hradec Králové.....	0100	11	8	15	19	18	18	18	19	21	18	11	11	185	4-5
Píseň/Dobruška.....	0100	11	8	14	15	15	16	17	19	19	16	10	9	170	3-4
Prácheň.....	0100	9	10	11	11	13	12	13	14	14	12	8	6	131	3-4
Prague/Ruzyně.....	0100	13	12	18	18	20	21	21	23	22	18	11	10	207	11-12
Přibyslav.....	0100	9	10	12	18	15	17	18	21	22	17	7	8	174	6-8
Štětka*.....	0100	11	10	12	12	12	14	13	14	13	12	11	11	143	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	13	12	18	21	22	21	22	25	24	22	11	10	219	9-11
Brno/Tuřany.....	0100	12	12	18	21	21	21	23	23	23	18	11	9	212	11
Košice.....	0100	12	12	19	20	21	20	22	23	23	21	12	9	213	10-11
Ostrava.....	0100	10	11	15	17	17	19	18	22	20	17	10	9	183	9-10
Uzhgorod*.....	0100	10	10	19	19	20	18	21	22	20	20	11	9	199	5-7
Eastern Mountains:															
Kaspový vrch*.....	0100	13	13	16	13	14	12	14	14	15	18	15	14	173	6-8
Lomnický štít.....	0100	18	17	16	14	14	12	12	16	17	21	18	14	189	4-5
Šliha.....	0100	11	11	16	19	21	19	20	23	22	16	8	9	193	8-9
Western Hills and Plains:															
České Budějovice.....	0700	8	5	11	11	14	15	15	16	15	12	6	7	136	8-9
Chob.....	0800	6	7	11	12	13	14	12	12	9	5	4	5	110	4-5
Hradec Králové.....	0700	11	5	14	18	12	20	18	17	16	13	6	8	156	3-4
Liberec.....	0800	7	7	9	10	12	13	14	14	11	9	5	5	116	5-6
Píseň/Dobruška.....	0700	7	3	12	13	8	14	15	16	13	9	6	5	121	3-4
Prácheň.....	0700	8	9	8	10	14	10	10	14	12	12	8	8	121	4-5
Prague/Ruzyně.....	0700	10	9	14	16	19	20	19	21	20	15	8	8	180	11-12
Přibyslav.....	0700	7	8	11	14	14	16	14	18	17	13	7	7	145	6-8
Štětka*.....	0700	10	10	11	12	11	12	12	13	13	12	9	10	135	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	10	9	16	18	20	21	21	23	23	18	9	8	195	9-11
Brno/Tuřany.....	0700	10	10	15	18	19	19	21	22	20	13	9	8	183	11-12
Košice.....	0700	9	9	16	19	19	19	21	22	21	18	10	7	190	11-12
Ostrava.....	0700	8	8	11	13	15	16	17	19	17	12	8	8	151	10-11
Uzhgorod*.....	0700	9	9	13	16	17	16	16	19	19	16	9	7	166	5-6
Eastern Mountains:															
Kaspový vrch*.....	0700	13	14	18	13	14	13	15	16	17	17	15	12	177	7-8
Lomnický štít.....	0700	16	13	15	16	13	13	16	16	18	18	18	15	185	5-7
Šliha.....	0700	8	8	13	16	17	16	18	20	14	6	5	6	148	8-9
Western Hills and Plains:															
České Budějovice.....	1300	10	9	10	9	6	8	7	11	14	14	7	9	114	7-9
Chob.....	1400	12	11	10	7	7	11	8	6	8	6	5	7	96	4-5
Hradec Králové.....	1300	9	7	13	11	5	10	10	8	14	13	5	8	112	4-6
Liberec.....	1400	9	8	12	8	7	10	7	9	11	8	5	7	102	5
Píseň/Dobruška.....	1300	8	6	9	10	1	7	6	8	12	13	7	8	96	3-4
Prácheň.....	1300	8	11	11	7	4	4	4	6	6	12	9	8	89	3-5
Prague/Ruzyně.....	1300	12	11	13	11	9	9	9	13	15	15	9	10	133	11-12
Přibyslav.....	1300	8	10	9	8	4	5	4	8	11	12	4	8	90	6-7
Štětka*.....	1300	9	10	10	7	5	4	5	6	9	11	10	11	96	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	12	10	13	13	11	11	13	17	17	18	9	10	152	8-11
Brno/Tuřany.....	1300	12	11	13	10	9	9	10	14	15	14	7	8	130	11-12
Košice.....	1300	12	13	16	14	11	11	13	17	16	19	10	10	162	10-11
Ostrava.....	1300	11	10	13	10	9	10	12	13	15	15	10	10	138	10-11
Uzhgorod*.....	1300	13	9	15	14	11	12	11	15	16	19	10	8	152	6-7

NOTE: Low cloud herein is defined as the lowest cloud layer reported, excluding cirriform clouds.

* Near but outside Czechoslovakia.

FIGURE 37 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Mountains:															
Kasprowy Wierch*	1300	16	14	14	8	6	4	5	6	11	17	15	12	128	6-7
Lomnický Štít	1300	18	13	17	10	5	3	4	6	12	20	16	16	130	4-6
Šliach	1300	10	10	13	9	5	8	9	13	15	15	8	10	125	7-9
Western Hills and Plains:															
České Budějovice	1900	11	9	12	11	12	13	13	17	18	17	8	9	149	8-10
Chab	1900	12	10	15	12	12	14	13	13	14	8	8	6	135	3-4
Hradec Králové	1900	13	9	14	12	13	18	16	17	16	17	11	9	164	3-5
Liberec	1900	7	7	12	11	11	15	15	16	13	12	6	8	132	4-5
Píseň/Dobřany	1900	12	8	12	12	8	14	15	16	17	16	10	10	149	3-4
Prácheň	1900	8	8	9	10	12	11	12	14	12	12	8	7	122	4-5
Prague/Ruzyně	1900	13	13	17	16	17	18	18	21	21	19	10	10	194	11-12
Přibyslav	1900	10	11	14	15	14	16	18	19	20	18	8	9	171	6-8
Šnieška*	1900	10	9	11	11	11	12	13	13	12	12	11	10	135	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	15	13	16	17	20	20	21	24	22	21	11	11	211	9-11
Brno/Tuřany	1900	12	12	17	15	19	19	19	22	20	19	9	9	191	11-12
Koňice	1900	13	13	18	17	18	18	18	21	20	22	12	10	199	11
Ostrava	1900	10	13	14	13	15	16	18	19	18	17	10	10	171	10-11
Uzhgorod*	1900	11	10	19	17	16	15	17	16	20	21	11	9	183	5-7
Eastern Mountains:															
Kasprowy Wierch*	1900	15	14	15	11	12	10	10	12	15	17	14	14	159	7-8
Lomnický Štít	1900	17	15	16	12	8	9	8	11	14	20	16	15	161	5-7
Šliach	1900	11	13	16	15	17	17	20	22	20	18	10	10	188	8-10

NOTE: Low cloud herein is defined as the lowest cloud layer reported, excluding cirriform clouds.

* Near but outside Czechoslovakia.

FIGURE 38. 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)														
Western Hills and Plains:															
České Budějovice	0100	17	16	14	12	11	9	10	7	6	11	20	19	151	8-9
Hradec Králové	0100	16	17	13	8	9	7	9	8	6	10	18	18	138	4-6
Píseň/Dobřany	0100	17	18	15	11	11	10	8	7	8	13	17	20	155	3-4
Prácheň	0100	22	18	20	18	16	15	16	15	16	17	22	25	220	3-4
Prague/Ruzyně	0100	15	13	10	7	7	6	6	4	4	11	17	18	118	11-12
Přibyslav	0100	20	17	17	10	13	9	9	8	6	12	22	21	163	6-8
Šnieška*	0100	18	16	18	16	17	14	16	15	15	18	10	19	202	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0100	12	11	8	4	3	3	3	3	3	6	13	16	86	9-11
Brno/Tuřany	0100	14	13	9	6	5	5	4	3	4	9	17	20	107	11
Koňice	0100	16	13	7	5	5	5	5	3	4	7	13	18	102	10-11
Ostrava	0100	18	13	12	10	8	7	8	5	6	11	16	17	131	9-10
Uzhgorod*	0100	19	17	11	10	9	9	7	6	8	10	18	21	144	5-7
Eastern Mountains:															
Kasprowy Wierch*	0100	16	13	13	15	14	15	14	13	12	11	13	16	166	6-8
Lomnický Štít	0100	11	10	14	13	15	15	16	14	11	8	11	15	152	4-5
Šliach	0100	17	15	13	16	6	7	5	4	5	11	19	20	127	8-9
Western Hills and Plains:															
České Budějovice	0700	19	18	15	13	10	10	10	7	11	15	21	20	169	8-9
Chab	0800	24	19	18	15	14	14	13	15	18	22	23	25	218	4-5
Hradec Králové	0700	14	19	10	5	11	5	8	7	10	13	19	17	139	3-4
Liberec	0800	22	18	15	16	14	13	13	12	16	19	22	24	205	5-6
Píseň/Dobřany	0700	21	23	14	13	14	10	10	9	13	18	20	23	188	3-4
Prácheň	0700	22	18	22	17	15	16	18	15	16	17	22	23	221	4-5
Prague/Ruzyně	0700	16	16	12	8	6	4	6	4	5	11	18	18	122	11-12
Přibyslav	0700	20	19	17	13	14	10	12	9	10	16	21	22	183	6-8
Šnieška*	0700	19	16	17	16	17	14	16	15	15	17	19	20	201	10-11

See footnotes at end of table.

FIGURE 38 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	15	13	9	5	4	3	3	2	3	7	15	16	97	9-11
Brno/Tufany.....	0700	15	14	11	7	6	5	4	4	5	12	17	18	116	11-12
Košice.....	0700	17	14	9	5	6	6	5	4	5	8	15	19	112	11-12
Ostrava.....	0700	17	14	14	11	10	7	7	6	8	14	16	18	142	10-11
Uzhgorod*.....	0700	20	18	15	11	10	11	11	9	8	12	20	23	167	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	0700	15	13	11	14	13	14	13	11	10	12	12	17	154	7-8
Lomnický Štít.....	0700	14	14	13	12	14	14	12	11	10	11	11	15	149	5-7
Sliach.....	0700	18	17	14	8	7	8	6	6	12	20	19	20	156	8-9
Western Hills and Plains:															
České Budějovice.....	1300	15	14	15	12	12	10	10	7	7	10	17	15	144	7-9
Chob.....	1400	17	14	15	15	17	12	13	15	10	20	22	21	196	4-5
Hradec Králové.....	1300	15	17	10	9	11	7	11	8	7	11	18	17	141	4-6
Liberec.....	1400	19	15	15	13	15	11	11	12	12	17	20	22	182	5
Píseň/Dobřany.....	1300	17	18	14	12	17	9	11	10	9	11	16	19	163	3-4
Prácheň.....	1300	22	15	17	19	20	21	20	15	17	17	20	22	223	3-5
Prague/Ruzyně.....	1300	12	11	12	9	8	5	7	4	4	9	15	14	110	11-12
Přibyslav.....	1300	13	16	16	13	15	13	12	10	10	13	22	21	178	6-7
Šněžka*.....	1300	19	16	18	18	20	21	20	19	18	17	18	18	222	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	12	12	9	6	6	5	4	2	4	6	14	14	93	8-11
Brno/Tufany.....	1300	14	11	11	9	8	5	6	4	6	10	17	17	117	11-12
Košice.....	1300	15	11	7	6	6	6	4	3	5	6	12	16	97	10-11
Ostrava.....	1300	12	11	11	10	10	7	6	6	7	9	13	14	115	10-11
Uzhgorod*.....	1300	16	16	12	11	12	12	10	8	8	9	17	21	151	6-7
Eastern Mountains:															
Kasprowy Wierch*.....	1300	13	13	14	18	19	20	18	19	15	11	13	17	187	6-7
Lomnický Štít.....	1300	11	12	11	18	22	24	22	21	15	10	11	13	188	4-6
Sliach.....	1300	19	12	12	9	10	8	7	5	6	9	17	18	127	7-9
Western Hills and Plains:															
České Budějovice.....	1900	15	15	14	10	9	7	7	6	6	9	18	19	134	8-10
Chob.....	1900	17	15	11	14	11	9	7	8	9	18	19	23	163	3-4
Hradec Králové.....	1900	16	15	12	9	8	4	7	5	7	10	14	17	121	3-5
Liberec.....	1900	22	18	15	13	12	8	6	8	11	16	22	21	171	4-5
Píseň/Dobřany.....	1900	17	17	15	10	12	8	8	7	8	12	17	20	149	3-4
Prácheň.....	1900	22	18	21	16	13	15	13	13	15	18	21	23	208	4-5
Prague/Ruzyně.....	1900	13	12	9	6	5	5	4	2	4	8	17	16	100	11-12
Přibyslav.....	1900	19	16	13	10	8	7	6	6	6	10	20	19	139	6-8
Šněžka*.....	1900	20	17	18	16	16	12	12	13	15	17	17	19	193	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	12	10	7	4	3	2	2	3	3	4	13	14	76	9-11
Brno/Tufany.....	1900	14	11	8	6	4	3	3	2	5	8	16	18	99	11-12
Košice.....	1900	14	11	8	5	5	4	4	4	4	5	13	18	92	11
Ostrava.....	1900	14	11	9	9	7	6	4	4	5	10	16	15	111	10-11
Uzhgorod*.....	1900	19	16	10	9	10	9	10	9	6	9	16	21	144	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	1900	15	12	14	16	14	14	14	13	13	13	14	16	166	7-8
Lomnický Štít.....	1900	11	10	13	16	19	17	18	15	14	9	12	15	169	5-7
Sliach.....	1900	16	12	11	7	5	4	3	3	4	8	16	19	108	8-10

NOTE: Low cloud herein is defined as the lowest cloud layer reported, excluding cirriform clouds.

* Near but outside Czechoslovakia.

Figure 39. PERCENTAGE FREQUENCY OF VISIBILITY $\frac{1}{2}$ MILE AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	4	10	6	1	1	1	1	1	5	13	8	9	5	8-9
Hradec Králové.....	0100	2	18	4	0	2	1	2	3	5	10	7	8	5	4-5
Plzeň/Dobřany.....	0100	12	18	4	8	1	4	2	1	16	21	17	30	11	3-4
Praděd.....	0100	67	58	60	50	36	40	44	41	47	53	68	78	54	3-4
Prague/Ruzyně.....	0100	7	7	3	2	*	1	1	0	2	6	11	13	4	11-12
Přibyslav.....	0100	5	7	6	1	5	2	4	2	5	6	8	9	5	6-8
Štítkov**.....	0100	53	54	51	44	45	40	45	40	46	53	50	57	49	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	8	8	2	*	0	0	*	0	2	3	5	9	8	9-11
Brno/Tuřany.....	0100	5	5	2	*	0	*	1	1	1	5	4	9	3	11
Košice.....	0100	10	12	1	*	*	0	0	*	0	2	9	17	4	10-11
Ostrava.....	0100	2	5	2	2	3	1	1	2	5	10	11	6	4	9-10
Uzhgorod**.....	0100	8	11	2	1	0	0	1	0	0	3	6	16	4	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	0100	45	42	35	42	36	43	38	31	31	28	41	45	38	5-7
Lomnický štít.....	0100	32	28	31	40	39	40	45	35	33	18	21	31	33	2-4
Šliach.....	0100	21	21	3	2	3	5	3	3	11	19	8	14	9	8-9
Western Hills and Plains:															
České Budějovice.....	0700	6	13	7	7	4	5	3	7	24	27	15	12	11	8-9
Chab.	0800	16	26	17	8	7	8	4	17	25	14	14	10	14	4-5
Hradec Králové.....	0700	2	18	12	5	7	2	3	2	10	19	14	10	9	3-4
Liberec.....	0800	10	5	10	6	9	1	1	7	6	9	12	12	7	5-7
Plzeň/Dobřany.....	0700	15	23	23	14	9	6	4	7	41	46	22	26	20	3-4
Praděd.....	0700	67	62	62	52	42	44	54	39	46	51	70	69	55	4-5
Prague/Ruzyně.....	0700	9	14	8	3	1	*	*	2	10	17	13	12	7	11-12
Přibyslav.....	0700	9	10	7	6	7	1	3	5	10	17	12	10	8	7-8
Štítkov**.....	0700	57	54	51	52	48	42	47	45	48	52	57	57	51	8-11
Teplíc.....	0800	17	18	24	5	6	0	2	2	3	7	21	22	11	2-3
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	9	12	5	2	0	0	0	1	2	8	8	11	5	9-10
Brno/Tuřany.....	0700	8	8	6	1	*	0	2	2	5	15	11	9	6	11-12
Košice.....	0700	11	13	4	1	*	0	*	*	2	7	8	15	5	10-11
Ostrava.....	0700	4	8	10	4	3	2	1	2	8	16	13	6	6	10-11
Uzhgorod**.....	0700	14	14	1	1	0	1	0	0	2	6	7	11	5	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	0700	44	41	29	45	32	35	36	31	32	32	38	51	37	5-7
Lomnický štít.....	0700	31	27	30	32	40	30	26	21	24	21	23	32	28	3-5
Šliach.....	0700	20	23	10	6	5	2	4	13	36	37	16	21	16	8-9
Western Hills and Plains:															
České Budějovice.....	1300	4	4	2	0	0	*	0	0	0	1	3	7	2	8-10
Chab.	1400	10	9	3	1	0	0	0	0	0	1	4	9	3	4-5
Hradec Králové.....	1300	3	7	3	0	0	0	0	0	0	1	2	7	2	4-6
Liberec.....	1400	3	1	2	1	1	0	0	0	0	2	5	5	2	5-6
Plzeň/Dobřany.....	1300	9	11	2	0	0	0	0	0	0	6	8	18	5	3-4
Praděd.....	1300	66	44	43	39	.	27	35	23	28	45	67	73	43	3-5
Prague/Ruzyně.....	1300	3	5	3	0	0	0	0	0	0	2	5	8	2	11-12
Přibyslav.....	1300	2	3	2	1	0	0	0	0	0	0	4	5	1	6-7
Štítkov**.....	1300	58	55	51	42	37	32	34	33	41	50	58	57	46	8-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	7	4	*	0	0	0	0	0	0	1	3	7	2	8-11
Brno/Tuřany.....	1300	5	4	0	0	0	0	0	0	0	1	1	9	2	11
Košice.....	1300	11	6	1	0	0	0	0	0	0	0	1	11	3	10-11
Ostrava.....	1300	3	1	2	0	0	0	*	0	0	1	4	6	1	10-11
Uzhgorod**.....	1300	8	8	1	0	0	0	0	0	1	0	5	10	3	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	1300	37	36	38	44	34	34	29	30	33	33	40	52	37	5-6
Lomnický štít.....	1300	24	24	27	52	71	75	69	60	48	19	26	27	44	2-3
Šliach.....	1300	6	5	*	*	0	0	0	0	0	1	1	7	2	7-9

See footnotes at end of table.

FIGURE 39 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice	1900	3	6	1	1	0	0	0	0	0	3	4	9	2	8-10
Chob	2100	11	7	4	1	0	0	0	0	0	2	7	8	3	3-4
Hradec Králové	1900	3	11	2	0	0	0	0	0	0	2	3	6	2	3-5
Liberec	1900	4	5	2	2	0	0	0	0	1	2	5	11	3	4-5
Píseň/Dobruška	1900	11	11	7	0	0	1	0	0	0	5	7	27	6	3-4
Pradib	1900	60	60	61	48	31	38	33	32	42	55	71	71	51	4-5
Prague/Ruzyně	1900	4	5	4	1	0	0	0	0	*	3	7	10	3	11-12
Přibyslav	1900	5	3	1	1	0	0	0	0	0	3	4	5	2	7-8
Štětka**	1900	60	56	52	45	38	33	31	34	43	52	56	58	47	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	4	5	2	0	0	0	0	0	0	0	2	7	2	9-10
Brno/Tuřany	1900	5	3	1	*	0	0	0	0	0	1	3	11	2	11-12
Košice	1900	11	8	1	0	0	0	0	0	0	*	2	14	3	11
Ostrava	1900	3	4	2	1	0	*	0	*	0	2	6	7	2	10-11
Uzhgorod**	1900	12	10	1	0	0	0	0	1	0	1	5	13	4	5-7
Eastern Mountains:															
Kasprowy Wierch**	1900	41	36	38	47	42	40	35	33	34	35	45	44	39	6-7
Lomnický štít	1900	24	28	31	42	56	54	52	55	40	16	22	33	38	3-4
Šliach	1900	8	8	1	0	0	0	0	0	0	1	3	9	3	8-9

* <0.5%.

** Near but outside Czechoslovakia.

FIGURE 40. PERCENTAGE FREQUENCY OF VISIBILITY <2 1/4 MILES AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice	0100	34	48	24	8	7	5	7	6	19	29	36	41	22	8-9
Hradec Králové	0100	26	41	20	3	6	4	11	8	12	20	30	35	19	4-5
Píseň/Dobruška	0100	60	68	35	18	18	26	21	9	46	57	52	60	41	3-4
Pradib	0100	67	63	61	50	37	41	47	41	48	53	68	80	55	3-4
Prague/Ruzyně	0100	23	31	18	6	3	2	3	1	7	17	28	31	14	11-12
Přibyslav	0100	35	40	20	9	14	11	5	10	14	22	35	35	21	6-8
Štětka*	0100	53	55	52	44	46	41	45	41	47	54	59	58	50	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0100	32	30	13	1	2	**	**	1	3	9	17	29	11	9-11
Brno/Tuřany	0100	30	30	15	2	1	2	2	4	4	19	21	31	13	11
Košice	0100	32	31	8	1	**	0	1	1	**	7	19	31	11	10-11
Ostrava	0100	35	43	30	20	15	11	8	11	21	35	44	35	26	9-10
Uzhgorod*	0100	29	20	5	2	1	2	2	1	1	6	17	35	10	5-7
Eastern Mountains:															
Kasprowy Wierch	0100	45	43	35	43	36	43	38	31	31	30	41	45	38	5-7
Lomnický štít	0100	32	29	31	40	40	40	45	35	33	18	21	31	33	2-4
Šliach	0100	52	52	19	6	7	8	5	6	18	30	32	48	24	8-9
Western Hills and Plains:															
České Budějovice	0700	38	50	34	29	23	18	18	21	48	49	41	45	35	8-9
Chob	0800	65	67	51	30	21	38	31	46	47	48	80	64	50	4-5
Hradec Králové	0700	33	45	49	16	32	17	23	22	41	53	40	43	35	3-4
Liberec	0800	62	48	36	28	32	8	11	19	27	28	38	53	33	5-7
Píseň/Dobruška	0700	56	67	46	52	43	35	25	25	67	69	56	60	51	3-4
Pradib	0700	68	65	63	52	45	45	57	40	47	51	70	70	56	4-5
Prague/Ruzyně	0700	25	43	37	20	10	10	7	12	23	39	37	34	25	11-12
Přibyslav	0700	35	42	29	21	20	13	11	18	25	35	32	39	27	7-8
Štětka*	0700	57	54	52	52	48	43	47	45	48	53	57	58	51	8-11
Toplice	0800	63	56	71	43	24	8	17	29	30	40	59	60	42	2-3

See footnotes at end of table.

FIGURE 40 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	33	42	27	11	4	3	3	4	16	27	35	34	20	9-10
Brno/Tufany.....	0700	37	49	39	17	8	5	7	14	23	50	42	37	27	11-12
Košice.....	0700	34	35	14	3	2	2	2	2	3	18	28	38	15	10-11
Ostrava.....	0700	38	51	40	27	18	10	9	21	29	37	40	37	31	10-11
Uzhgorod*.....	0700	33	35	13	3	2	4	4	4	10	13	24	35	15	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	0700	44	42	29	45	32	35	36	32	32	33	38	51	37	5-7
Lomnický Štít.....	0700	32	27	31	33	41	30	28	22	24	21	23	32	29	3-5
Sliach.....	0700	50	57	33	20	32	17	20	32	53	56	43	40	38	8-9
Western Hills and Plains:															
České Budějovice.....	1300	27	37	15	5	1	3	3	1	5	18	23	38	15	8-10
Ohob.....	1400	56	44	21	4	5	4	2	7	5	17	29	44	20	4-5
Hradec Králové.....	1300	30	42	14	0	1	1	2	2	0	19	29	34	15	4-6
Liberec.....	1400	45	24	13	6	8	6	1	2	10	12	22	34	15	5-6
Pilsen/Dobřany.....	1300	51	37	16	9	2	0	1	4	14	28	30	60	21	3-4
Praděd.....	1300	70	50	43	40	26	28	36	24	29	47	68	75	45	3-5
Prague/Ruzyně.....	1300	25	31	14	2	1	1	1	1	5	12	20	29	12	11-12
Přibyslav.....	1300	28	28	10	4	1	2	1	2	3	7	20	29	12	6-7
Šnílečka*.....	1300	59	57	52	43	37	33	34	34	42	50	59	58	47	8-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	30	28	8	1	**	**	0	0	**	6	18	33	11	8-11
Brno/Tufany.....	1300	31	28	7	**	1	1	**	1	1	7	19	37	11	11
Košice.....	1300	33	26	6	**	**	**	0	**	**	3	14	32	10	10-11
Ostrava.....	1300	30	28	23	6	3	2	3	4	0	11	26	32	15	10-11
Uzhgorod*.....	1300	38	34	5	2	1	1	0	1	2	5	17	35	12	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	1300	40	37	39	44	34	34	29	30	33	33	40	54	37	5-6
Lomnický Štít.....	1300	25	25	28	55	71	79	70	00	50	19	26	28	45	2-3
Sliach.....	1300	60	48	12	4	0	**	1	0	1	10	10	49	17	7-9
Western Hills and Plains:															
České Budějovice.....	1900	33	41	16	6	2	1	2	1	4	15	27	39	16	8-10
Ohob.....	1900	63	48	25	8	4	1	3	1	6	10	40	57	22	3-4
Hradec Králové.....	1900	31	43	22	2	2	2	2	2	8	21	30	40	17	3-5
Liberec.....	1900	59	54	16	8	7	4	1	3	13	22	45	65	25	4-5
Pilsen/Dobřany.....	1900	59	57	19	5	5	2	2	1	14	35	40	62	25	3-4
Praděd.....	1900	69	66	62	51	32	40	36	34	45	57	72	74	53	4-5
Prague/Ruzyně.....	1900	26	30	19	5	1	1	**	1	4	16	30	33	14	11-12
Přibyslav.....	1900	31	27	10	6	2	3	2	2	3	11	20	30	14	7-8
Šnílečka*.....	1900	61	57	54	45	39	33	32	34	44	52	50	58	47	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	33	27	10	2	0	0	0	1	1	6	14	31	11	9-10
Brno/Tufany.....	1900	34	29	14	3	**	1	0	**	3	14	24	36	13	11-12
Košice.....	1900	30	28	7	0	1	**	0	1	0	3	15	35	11	11
Ostrava.....	1900	33	40	28	12	3	3	2	1	10	18	30	37	18	10-11
Uzhgorod*.....	1900	32	32	6	2	1	2	0	1	1	4	20	36	11	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	1900	42	37	38	47	43	40	35	33	34	35	45	46	40	6-7
Lomnický Štít.....	1900	24	29	31	42	56	57	52	55	40	16	22	33	38	3-4
Sliach.....	1900	49	38	13	2	**	2	1	**	2	7	27	30	14	8-9

* Near but outside Czechoslovakia.

** < 0.5%.

FIGURE 41. PERCENTAGE FREQUENCY OF VISIBILITY < 6 MILES AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	68	73	63	51	43	46	47	36	46	70	73	77	58	8-9
Hradec Králové.....	0100	81	77	71	26	38	33	43	36	44	76	76	74	56	4-5
Píseň/Dobřany.....	0100	87	90	86	79	74	66	77	53	81	85	83	94	80	3-4
Prácheň.....	0100	69	65	67	55	42	45	55	45	52	55	70	81	58	3-4
Prague/Ruzyně.....	0100	56	65	52	32	24	25	26	20	32	55	64	59	43	11-12
Přibyslav.....	0100	68	71	59	41	44	35	34	28	41	54	70	74	52	6-8
Štětka*.....	0100	53	59	53	48	48	42	48	42	49	55	59	58	51	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	67	67	51	18	19	13	14	11	25	45	62	71	39	9-11
Brno/Tuřany.....	0100	68	72	54	31	26	29	32	32	37	65	63	70	48	11
Košice.....	0100	62	64	31	14	7	8	13	8	10	29	51	62	30	10-11
Ostrava.....	0100	71	78	74	61	57	59	48	52	59	71	77	73	65	9-10
Uşgorod*.....	0100	59	47	29	16	9	8	13	15	22	31	46	58	29	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	0100	45	43	36	43	37	45	39	32	31	30	42	40	39	5-7
Lomnický Štít.....	0100	32	29	32	40	40	42	46	35	33	18	21	32	33	2-4
Šliach.....	0100	80	79	56	28	30	33	34	41	41	65	68	77	53	8-9
Western Hills and Plains:															
České Budějovice.....	0700	69	72	62	65	56	49	47	47	64	67	73	74	62	8-9
Chob.....	0800	89	86	73	60	51	69	62	74	77	78	80	94	75	4-5
Hradec Králové.....	0700	76	77	78	48	71	50	68	64	69	83	76	78	69	3-4
Liberec.....	0800	88	84	66	56	58	47	42	40	55	61	67	81	63	5-7
Píseň/Dobřany.....	0700	88	91	78	73	74	65	67	51	80	71	75	91	75	3-4
Prácheň.....	0700	70	68	67	56	49	52	60	46	52	64	71	72	60	4-5
Prague/Ruzyně.....	0700	56	75	79	68	49	50	47	49	62	74	78	62	62	11-12
Přibyslav.....	0700	61	75	60	50	50	39	42	38	45	67	60	72	55	7-8
Štětka*.....	0700	58	55	53	56	51	48	51	47	51	53	58	58	53	8-11
Toplice.....	0800	92	86	89	55	54	37	45	64	61	79	89	89	70	2-3
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	69	74	62	38	31	25	27	28	37	61	73	71	50	9-10
Brno/Tuřany.....	0700	74	81	72	56	47	49	57	57	60	72	72	75	64	11-12
Košice.....	0700	65	69	40	26	16	20	18	19	26	43	53	69	39	10-11
Ostrava.....	0700	69	82	77	66	64	58	52	57	60	70	77	71	67	10-11
Uşgorod*.....	0700	64	56	28	19	12	13	12	14	22	42	45	60	32	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	0700	44	45	30	46	32	36	36	32	32	34	38	53	38	5-7
Lomnický Štít.....	0700	33	27	31	34	41	30	30	22	24	22	24	32	29	3-5
Šliach.....	0700	84	82	64	56	59	40	57	62	75	78	72	78	67	8-9
Western Hills and Plains:															
České Budějovice.....	1300	53	69	44	22	12	16	15	9	22	40	59	53	35	8-10
Chob.....	1400	82	66	43	23	21	23	16	22	29	51	63	77	43	4-5
Hradec Králové.....	1300	67	72	41	13	17	10	13	12	19	35	56	65	35	4-6
Liberec.....	1400	81	63	42	22	21	14	14	15	29	42	55	74	39	5-6
Píseň/Dobřany.....	1300	71	66	47	36	20	12	8	12	39	63	60	81	43	3-4
Prácheň.....	1300	72	54	47	46	31	30	42	33	35	49	69	76	49	3-5
Prague/Ruzyně.....	1300	54	58	45	19	11	13	12	11	21	41	56	61	34	11-12
Přibyslav.....	1300	50	59	32	18	12	11	9	8	9	24	51	58	28	6-7
Štětka*.....	1300	60	58	53	47	40	39	37	38	46	50	59	59	49	8-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	62	68	32	10	5	6	4	3	10	29	51	61	28	8-11
Brno/Tuřany.....	1300	63	60	33	8	5	5	4	6	12	32	49	62	28	11
Košice.....	1300	58	57	23	6	3	4	2	4	5	20	40	59	24	10-11
Ostrava.....	1300	61	67	54	34	27	23	21	23	28	40	59	59	41	10-11
Uşgorod*.....	1300	63	53	22	9	4	6	3	5	7	17	35	58	24	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	1300	42	37	39	44	34	31	30	30	33	33	40	56	38	5-6
Lomnický Štít.....	1300	25	25	28	56	71	83	72	60	50	19	26	30	45	2-3
Šliach.....	1300	78	77	44	12	5	7	7	7	11	41	57	75	35	7-9

See footnote at end of table.

FIGURE 41 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(Let)														
Western Hills and Plains:															
České Budějovice	1900	64	70	50	24	11	11	9	8	19	42	69	71	37	8-10
Chel	1900	84	75	44	24	15	20	11	13	31	48	77	93	45	3-4
Hradec Králové	1900	75	74	70	20	16	11	12	13	47	57	64	73	44	3-5
Liberec	1900	94	90	50	23	24	13	10	23	40	65	87	100	52	4-5
Píseň/Dobruška	1900	82	86	59	29	23	16	11	7	40	74	74	88	49	3-4
Prácheň	1900	71	69	67	53	38	46	40	44	52	60	73	76	57	4-5
Prague/Ruzyně	1900	60	68	63	27	16	11	15	12	29	53	67	64	40	11-12
Přibyslav	1900	56	52	42	18	12	13	10	12	21	41	59	64	33	7-8
Šneška*	1900	61	60	57	52	47	40	37	39	49	54	57	59	51	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	70	64	45	14	7	5	4	3	17	33	63	71	33	9-10
Brno/Tufany	1900	74	73	56	17	7	7	4	5	24	58	69	75	39	11-12
Košice	1900	65	65	30	7	4	4	1	3	7	22	50	65	27	11
Ostrava	1900	71	77	67	47	27	22	17	24	40	62	70	68	49	10-11
Ushgorod*	1900	59	59	27	10	5	8	6	6	20	26	48	58	28	5-7
Eastern Mountains:															
Kasprowy Wierch*	1900	43	39	30	50	43	42	36	36	34	35	45	46	41	6-7
Lomnický Štit	1900	25	29	32	42	56	57	63	56	40	17	22	34	39	3-4
Šliach	1900	76	70	40	14	6	8	5	7	15	36	68	66	34	8-9

* Near but outside Czechoslovakia.

FIGURE 42. MEAN NUMBER OF DAYS WITH FOG (VISIBILITY < 1/4 MILE)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC	
Western Hills and Plains:															
Čáslav	3	3	2	*	*	*	*	1	1	3	4	4	23	10	
České Budějovice	3	4	2	1	3	3	2	3	6	7	5	6	44	10	
Hradec Králové	2	2	1	1	2	1	1	3	4	6	4	5	32	10	
Liberec	5	4	4	3	3	2	2	3	4	6	6	8	49	10	
Litomyšl	15	12	13	9	8	6	7	6	11	19	19	17	141	10	
Mariánské Lázně	5	4	2	1	1	1	2	3	5	6	8	8	45	10	
Milešovka	22	20	16	11	11	9	10	8	12	15	24	20	184	10	
Píseň	4	4	4	3	3	2	4	5	8	10	7	8	61	10	
Prague	6	6	6	1	1	*	*	1	3	8	7	3	49	10	
Rožmitál pod Třemšínem	7	5	5	1	2	1	*	1	3	5	7	9	46	10	
Tábor	3	2	3	2	2	1	1	4	5	7	6	6	42	10	
Telč	13	10	7	3	3	2	*	1	4	9	14	15	80	10	
Teplíc	8	7	10	6	3	2	3	6	10	13	13	13	93	10	
Eastern Lowlands:															
Bratislava	6	2	2	*	0	0	0	0	1	3	7	9	31	10	
Brno	2	2	2	1	*	*	*	*	2	4	6	5	24	10	
Hurbanovo	3	2	1	0	1	1	1	1	2	3	4	6	25	10	
Košice	7	4	2	*	0	0	0	*	*	2	6	8	30	10	
Lučenec	8	6	4	1	1	1	1	2	4	8	8	10	53	10	
Opava	4	3	4	2	1	1	1	1	4	5	7	4	36	10	
Píseňany	4	2	2	1	2	1	1	1	2	4	4	8	32	10	
Přerov	6	5	4	3	1	1	1	2	4	5	6	7	43	10	
Stránská	6	3	4	2	2	1	1	4	6	7	6	7	49	10	
Eastern Mountains:															
Banská Štiavnica	4	2	2	1	*	*	*	*	1	1	5	7	24	10	
Bystrá	1	1	2	2	2	1	2	4	7	6	4	5	36	10	
Lomnický Štit	22	21	22	25	27	27	26	25	21	19	22	21	278	15	
Oravský Podšámok	3	1	3	2	2	2	4	6	9	7	2	3	45	10	
Spišská Nová Ves	7	4	2	1	1	1	1	2	4	7	8	11	48	10	
Starý Smokovec	5	4	3	3	3	3	4	3	3	5	10	8	55	10	

* < 0.5 day.

FIGURE 43. MEAN NUMBER OF DAYS WITH HAZE AND/OR SMOKE AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LMT)														
Western Hills and Plains:															
České Budějovice.....	0100	4	2	4	3	4	3	4	3	2	1	2	3	34	8-9
Hradec Králové.....	0100	2	0	1	1	*	*	0	*	*	1	1	1	0	4-5
Plaňč/Dobruška.....	0100	0	*	0	0	*	0	0	0	0	*	0	0	1	3-4
Prácheň.....	0100	0	0	*	*	0	0	0	*	0	0	0	0	1	3-4
Prague/Ruzyně.....	0100	8	8	10	*	5	5	6	4	8	10	9	7	87	11-12
Přibyslav.....	0100	*	*	1	*	*	0	1	*	*	0	1	1	5	6-8
Štětka**.....	0100	0	0	0	*	0	*	*	0	0	0	0	0	*	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....															
Dunaj.....	0100	4	2	3	3	1	2	1	1	1	2	2	2	23	9-11
Brno/Tuřany.....	0100	9	9	9	5	4	4	5	5	7	9	7	7	82	11
Kojetice.....	0100	4	3	2	1	1	1	2	1	1	2	2	3	23	10-11
Ostrava.....	0100	5	7	8	5	5	7	4	5	5	5	5	5	65	9-10
Uherský Brod**.....	0100	0	0	0	0	0	*	0	0	0	0	0	0	*	5-7
Eastern Mountains:															
Kasprowy Wierch**.....															
Kasprowy Wierch**.....	0100	0	0	0	*	0	0	0	0	*	0	0	0	*	6-8
Lomnický štít.....	0100	*	0	0	0	*	0	*	0	0	0	0	*	1	4-5
Špičák.....	0100	4	3	3	2	2	2	2	2	2	2	2	3	30	8-9
Western Hills and Plains:															
České Budějovice.....	0700	4	3	5	4	4	3	7	4	2	2	4	3	43	8-9
Chobouze.....	0700	*	0	0	*	*	0	0	*	0	0	0	0	1	10
Hradec Králové.....	0700	*	*	*	*	1	0	1	0	0	0	0	*	3	3-4
Milčkovice.....	0700	*	0	*	1	1	*	*	1	*	*	0	0	4	10
Plaňč/Dobruška.....	0700	0	*	0	0	0	0	0	0	0	0	0	*	1	3-4
Prácheň.....	0700	0	*	*	*	1	0	*	*	*	0	0	*	3	4-5
Prague/Ruzyně.....	0700	9	8	14	12	11	12	11	9	11	16	11	8	125	11-12
Přibyslav.....	0700	*	*	1	*	0	*	*	*	*	1	1	1	5	7-8
Štětka**.....	0700	0	*	*	*	*	0	*	*	0	0	0	*	1	10-11
Teplice.....	0700	3	1	3	4	7	7	6	5	3	2	2	3	46	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....															
Dunaj.....	0700	4	4	2	3	2	3	1	2	1	2	3	2	28	9-11
Brno/Tuřany.....	0700	9	7	9	10	9	9	11	11	8	5	8	7	103	11-12
Hurbanovo.....	0700	*	*	1	1	*	*	*	1	1	1	1	*	7	10
Kojetice.....	0700	3	3	2	2	2	2	2	2	3	3	2	2	28	10-11
Ostrava.....	0700	6	6	6	7	8	8	7	8	5	5	5	5	74	10-11
Přerov.....	0700	0	*	*	0	*	*	1	*	*	*	*	*	3	10
Uherský Brod**.....	0700	0	0	0	0	0	0	0	0	0	0	0	0	0	5-6
Eastern Mountains:															
Kasprowy Wierch**.....															
Kasprowy Wierch**.....	0700	0	0	*	0	0	0	0	*	*	0	0	0	*	7-8
Lomnický štít.....	0700	0	0	0	1	*	*	*	0	0	0	0	0	1	5-7
Špičák.....	0700	5	4	3	5	5	5	6	3	3	3	2	2	45	8-9
Western Hills and Plains:															
České Budějovice.....	1300	3	3	3	2	1	1	2	1	1	1	2	3	21	7-9
Chobouze.....	1400	0	*	0	0	0	0	0	0	*	0	0	0	*	10
Hradec Králové.....	1300	2	1	2	1	0	*	1	*	1	2	1	2	12	4-6
Milčkovice.....	1400	*	*	*	1	1	*	1	1	1	3	*	*	9	10
Plaňč/Dobruška.....	1300	0	0	1	0	0	0	0	0	0	0	0	0	1	3-4
Prácheň.....	1300	1	*	*	*	0	*	*	1	0	0	*	0	3	3-5
Prague/Ruzyně.....	1300	8	9	8	5	3	2	3	2	5	9	10	9	72	11-12
Přibyslav.....	1300	1	*	*	*	*	*	*	0	0	1	*	*	3	6-7
Štětka**.....	1300	0	0	0	*	0	*	0	0	0	0	0	0	*	10-11
Teplice.....	1400	5	4	9	5	3	4	4	5	6	6	7	6	60	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....															
Dunaj.....	1300	4	5	4	2	2	1	1	1	1	5	2	3	28	8-11
Brno/Tuřany.....	1300	9	8	6	2	*	*	*	1	2	6	7	6	46	11-12
Hurbanovo.....	1400	0	0	0	0	0	0	*	*	*	1	0	0	1	10
Kojetice.....	1300	4	3	2	1	*	0	*	*	1	2	2	3	17	10-11
Ostrava.....	1300	7	8	8	6	4	4	4	4	5	6	6	5	64	10-11
Přerov.....	1400	1	1	1	0	1	0	*	1	*	*	1	1	5	10
Uherský Brod**.....	1300	0	0	*	0	*	0	0	0	0	*	0	*	1	5-7

See footnotes at end of table.

FIGURE 43 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(Lst)														
Eastern Mountains:															
Kasprowy Wierch**	1300	0	0	0	*	0	0	0	0	0	0	0	0	*	6-7
Lomnický štít	1300	0	0	0	*	0	0	0	*	0	0	0	0	*	4-6
Šliach	1300	6	5	5	1	1	1	1	1	3	8	4	3	38	7-9
Western Hills and Plains:															
České Budějovice	1000	5	3	4	2	1	2	2	1	1	2	4	2	27	8-10
Chab	2100	0	0	0	*	*	*	0	*	0	0	0	0	1	10
Hradec Králové	1000	1	1	2	1	1	0	1	0	1	2	1	2	12	3-5
Milešovka	2100	0	0	0	0	*	*	*	*	*	1	0	0	2	10
Plačň/Dobšany	1000	0	0	*	0	0	0	0	0	0	0	0	0	*	3-4
Pratčů	1900	0	*	*	*	*	*	*	0	*	*	0	0	2	4-5
Prague/Ruzyně	1900	0	0	13	6	3	2	3	2	8	11	11	10	88	11-12
Příbyslav	1000	1	1	1	*	*	0	*	*	1	1	1	*	6	7-8
Šnecák**	1000	0	0	*	*	0	*	*	0	0	0	0	0	1	10-12
Toplice	2100	2	2	1	1	1	1	1	1	2	2	2	2	17	10
Eastern Lowlands:															
Bratislava/Ivanka pri															
Dunaj	1000	5	4	5	3	2	1	1	1	2	2	3	3	30	9-10
Brno/Fakany	1900	12	11	10	3	1	*	1	1	5	11	9	8	72	11-12
Hurbanovo	2100	*	0	0	0	0	0	0	0	0	*	*	*	1	10
Koalice	1000	5	4	2	*	*	*	*	1	1	3	3	2	21	11
Ostrava	1000	8	7	10	0	4	3	2	4	7	8	6	5	70	10-11
Přerov	2100	0	0	*	0	0	0	0	0	0	*	*	*	1	10
Uhgorod**	1900	*	*	0	*	0	*	0	*	0	*	0	0	1	5-7
Eastern Mountains:															
Kasprowy Wierch**	1900	0	0	0	*	0	0	0	0	0	0	0	0	*	7-8
Lomnický štít	1900	0	0	0	*	*	0	0	*	0	1	0	0	1	5-7
Šliach	1900	4	4	3	1	*	1	2	1	1	3	2	4	26	8-10

* <0.5 day.
 ** Near but outside Czechoslovakia.

FIGURE 44. PERCENTAGE FREQUENCY OF SPECIFIED CEILING AND VISIBILITY COMBINATIONS AT SPECIFIED HOURS

REGION AND STATION	HOURL	COM- BINA- TION*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
(LET)																
Western Hills and Plains:																
České Budějovice.	0100	A	64	51	74	01	92	94	92	04	80	70	56	56	76	8-9
		B	17	28	11	3	2	3	2	2	10	17	25	28	12	8-9
Hradec Králové..	0100	A	74	58	80	97	92	95	89	92	88	71	69	62	81	4-5
		B	8	29	13	0	3	4	4	6	7	14	14	17	10	4-5
Plačň/Dobřany...	0100	A	32	31	64	82	82	74	77	91	55	43	46	30	59	3-4
		B	42	40	13	8	3	7	3	1	24	33	35	49	22	3-4
Praděb.....	0100	A	30	33	35	42	55	54	45	52	50	44	30	18	41	3-4
		B	70	64	65	87	41	45	51	46	50	56	69	82	58	3-4
Prague/Ruzyně...	0100	A	69	66	80	92	95	90	90	98	93	81	66	63	83	11-12
		B	18	18	11	5	2	1	1	1	3	9	21	25	10	11-13
Přibyslav.....	0100	A	53	54	70	88	81	86	91	87	84	75	54	55	73	6-8
		B	27	27	21	6	10	6	7	7	7	11	31	27	16	6-8
Šněžka**.....	0100	A	44	42	45	51	51	57	51	54	51	45	41	40	48	9-11
		B	56	58	54	49	49	43	49	45	48	55	59	59	52	9-11
Eastern Lowlands:																
Bratislava/Ivanka pri Dunaji.....	0100	A	63	69	86	99	98	99	100	99	97	89	80	87	87	9-11
		B	19	17	6	1	***	0	***	1	2	4	13	20	7	9-11
Brno/Tuřany.....	0100	A	87	69	85	97	99	97	98	96	96	80	76	61	85	11
		B	13	18	4	1	0	1	1	1	2	0	12	21	7	11
Košice.....	0100	A	65	67	92	98	99	98	99	99	100	92	78	61	87	10-11
		B	22	21	3	1	1	***	1	1	0	3	16	30	8	10-11
Ostrava.....	0100	A	62	57	63	77	84	88	89	88	79	63	53	65	72	9-10
		B	15	18	10	7	6	4	3	5	8	21	29	18	12	9-10
Ušgorod**.....	0100	A	70	69	94	98	99	98	99	98	99	94	81	64	89	5-7
		B	25	26	4	2	0	1	1	1	1	5	13	29	9	5-7
Eastern Mountains:																
Kaaprowy Wieroh**.....	0100	A	52	52	62	52	57	51	56	62	61	64	55	50	56	5-7
		B	47	47	37	48	39	47	41	35	35	33	44	50	42	5-7
Lomuloký Štít....	0100	A	69	71	69	60	59	61	54	64	66	82	78	67	67	2-4
		B	32	28	31	40	41	40	46	35	34	18	22	33	33	2-4
Šliach.....	0100	A	48	48	80	94	93	91	94	94	82	70	70	62	76	8-9
		B	29	31	6	3	4	6	4	4	4	14	21	15	13	8-9
Western Hills and Plains:																
České Budějovice.	0700	A	60	48	64	68	70	82	80	79	52	49	52	59	64	8-9
		B	24	34	19	14	13	9	9	11	32	38	30	26	22	3-9
Hradec Králové..	0700	A	66	45	40	84	67	83	77	78	59	47	51	57	64	3-4
		B	10	31	32	5	10	8	6	5	22	30	26	17	17	3-4
Plačň/Dobřany...	0700	A	43	30	54	48	55	65	75	75	33	31	41	29	48	3-4
		B	36	47	33	29	28	17	10	13	52	59	37	47	34	3-4
Praděb.....	0700	A	30	33	33	44	51	45	41	33	49	40	28	27	40	4-5
		B	70	66	66	55	46	54	58	40	40	54	71	73	59	4-5
Prague/Ruzyně...	0700	A	67	53	61	76	89	89	91	88	76	59	56	59	72	11-12
		B	19	26	19	11	5	4	3	4	14	27	28	30	16	11-12
Přibyslav.....	0700	A	53	51	63	73	73	81	81	77	74	59	46	51	65	7-8
		B	27	34	25	13	19	12	11	13	14	31	40	32	23	7-8
Šněžka**.....	0700	A	40	45	45	43	47	52	49	49	48	46	42	40	45	8-11
		B	60	55	55	56	52	47	50	50	51	54	58	60	54	8-11

NOTE: Ceiling herein is defined as ≥ 5 -eighths cloud cover.

* Combination:

A..... Ceiling ≥ 984 feet with visibility $\geq 2\frac{1}{2}$ miles.

B..... Ceiling < 984 feet and/or visibility $< 2\frac{1}{2}$ miles.

** Near but outside Czechoslovakia.

*** $< 0.5\%$.

FIGURE 44 (Continued)

REGION AND STATION	HOURL	COMBINATION*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
			(LST)													
Eastern Lowlands: Bratislava/Ivanka pri Dunaji.....	0700	A	63	56	71	87	94	96	97	95	84	71	61	62	78	9-10
		B	22	23	13	4	1	1	1	1	7	17	20	24	11	9-10
Brno/Tufany.....	0700	A	57	49	60	83	92	93	93	86	76	49	56	57	71	11-12
		B	20	28	20	3	2	2	3	3	9	31	26	21	14	11-12
Košice.....	0700	A	61	63	84	95	97	96	96	97	95	81	70	56	83	10-11
		B	24	22	11	3	2	2	2	2	3	11	20	29	11	10-11
Ostrava.....	0700	A	58	47	53	69	78	81	87	76	69	60	50	60	66	10-11
		B	18	31	26	16	10	9	4	9	19	28	32	23	19	10-11
Ushgorod**.....	0700	A	66	64	86	95	97	93	95	95	89	84	74	60	83	5-6
		B	27	29	5	1	2	2	0	1	4	12	16	27	11	5-6
Eastern Mountains: Kasprowy Wierch**	0700	A	52	54	67	48	60	59	59	63	65	64	60	47	58	5-7
		B	47	44	30	49	37	40	37	35	33	36	38	53	40	5-7
Lomnický štít....	0700	A	67	71	68	66	67	70	72	76	73	76	76	68	70	3-5
		B	31	28	31	34	41	30	28	22	25	24	23	32	29	3-5
Šliač.....	0700	A	44	42	65	74	78	83	80	67	47	43	56	52	61	8-9
		B	33	33	15	11	9	7	8	17	42	46	28	26	23	8-9
Western Hills and Plains:																
České Budějovice..	1300	A	72	62	81	93	68	97	95	98	95	79	66	57	83	8-10
		B	15	21	7	2	***	1	3	0	1	9	17	33	8	8-10
Hradec Králové..	1300	A	69	57	85	100	98	97	97	97	100	80	70	65	85	4-6
		B	14	22	3	0	1	2	0	1	0	6	14	18	7	4-6
Píseň/Dobřany...	1300	A	44	47	78	80	97	99	97	97	85	71	65	36	75	3-4
		B	30	30	8	3	0	1	1	1	5	13	23	44	13	3-4
Praděd.....	1300	A	28	44	46	31	36	28	26	42	38	44	31	24	35	3-5
		B	73	53	52	65	54	66	69	54	56	54	68	75	62	3-5
Prague/Ruzyně...	1300	A	71	67	84	96	98	97	97	99	95	85	74	66	86	11-12
		B	15	16	9	3	1	1	1	1	2	7	16	24	8	11-12
Přibyslav.....	1300	A	64	58	80	90	91	94	95	95	96	87	55	58	80	6-7
		B	22	31	14	6	5	4	3	4	3	7	31	28	13	6-7
Šulečka**.....	1300	A	39	40	41	39	34	33	32	30	42	46	39	41	39	8-10
		B	61	59	58	57	59	59	59	57	56	55	61	59	58	8-10
Eastern Lowlands:																
Bratislava/Ivanka pri Dunaji.....	1300	A	62	69	90	98	99	98	99	100	99	94	76	64	87	8-11
		B	19	14	4	***	1	1	***	0	***	3	12	21	6	8-11
Brno/Tufany.....	1300	A	66	71	92	99	98	98	99	98	91	77	59	87	11	
		B	19	13	3	***	1	1	***	1	1	5	11	25	7	11
Košice.....	1300	A	65	72	93	98	100	99	100	100	99	96	83	64	89	10-11
		B	23	16	2	1	0	***	***	0	***	2	8	25	6	10-11
Ostrava.....	1300	A	69	69	75	90	93	97	96	95	92	86	70	64	83	10-11
		B	15	12	10	4	2	1	2	2	3	7	17	23	8	10-11
Ushgorod**.....	1300	A	59	61	93	98	98	99	99	99	97	93	82	58	86	5-6
		B	23	23	5	0	1	1	0	1	1	2	11	29	8	5-6
Eastern Mountains:																
Kasprowy Wierch**	1300	A	58	59	57	46	58	44	49	53	57	63	68	44	54	5-6
		B	41	41	43	49	30	43	41	38	38	35	41	54	42	5-6
Lomnický štít....	1300	A	76	71	71	42	25	13	23	29	48	81	73	72	52	2-3
		B	24	26	28	58	75	85	73	67	52	19	27	28	47	2-3
Šliač.....	1300	A	38	52	88	96	100	100	98	100	99	89	82	49	83	7-8
		B	27	21	4	1	0	0	1	0	1	4	8	23	8	7-8

FIGURE 44 (Continued)

REGION AND STATION	HOUR	COM- BINA- TION*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
(LAT)																
Western Hills and Plains:																
České Budějovice.	1900	A	66	58	83	93	97	99	97	99	96	84	67	87	83	8-10
		B	17	26	5	4	1	1	2	***	***	6	18	25	9	8-10
Hradec Králové..	1900	A	68	58	78	97	98	98	98	98	91	79	70	59	83	3-5
		B	11	26	8	1	1	1	1	0	2	8	14	18	8	3-5
Píseč/Dobřany...	1900	A	41	43	80	95	96	97	97	99	86	65	57	35	74	3-4
		B	32	26	9	0	0	1	1	0	6	14	23	43	13	3-4
Praděd.....	1900	A	30	38	34	40	59	50	55	59	48	39	28	23	42	4-5
		B	70	66	66	53	40	48	41	40	48	61	71	76	87	4-5
Prague/Ruzyně...	1900	A	69	61	79	93	98	98	99	99	95	83	66	62	84	11-12
		B	15	19	12	2	1	1	1	***	1	8	19	24	9	11-12
Přibyslav.....	1900	A	60	65	79	89	95	95	95	95	95	83	59	59	81	7-8
		B	26	22	15	7	4	2	3	3	1	11	22	28	12	7-8
Šníteka**.....	1900	A	38	39	43	49	54	47	60	58	53	45	43	41	48	8-11
		B	61	60	56	50	43	41	38	39	47	54	57	59	50	8-11
Eastern Lowlands:																
Bratislava/Ivanka pri Dunaji.....	1900	A	66	72	83	98	99	99	100	99	99	93	83	67	88	9-10
		B	16	12	5	1	***	***	0	0	***	3	8	17	5	9-10
Brno/Tufany.....	1900	A	84	89	85	97	99	99	100	99	96	85	72	61	86	11-12
		B	17	9	5	***	0	0	0	0	1	4	14	21	6	11-12
Košice.....	1900	A	82	70	92	99	99	99	100	99	99	96	84	62	88	11
		B	24	15	4	0	1	0	0	***	1	1	8	31	7	11
Ostrava.....	1900	A	67	59	71	80	96	96	97	98	89	81	67	61	81	10-11
		B	13	14	11	6	2	2	2	1	3	7	17	20	8	10-11
Ushgorod**.....	1900	A	66	67	92	93	98	98	99	98	99	96	80	61	88	5-7
		B	27	29	4	0	0	1	1	1	1	1	14	31	9	5-7
Eastern Mountains:																
Kasprowy Wierch**	1900	A	55	60	58	46	51	49	54	57	61	61	51	51	55	6-7
		B	43	40	41	53	45	46	43	41	38	38	49	49	44	6-7
Lomnický štít....	1900	A	75	71	67	57	39	40	44	42	56	83	76	67	60	3-4
		B	24	29	33	43	61	59	56	58	43	18	23	33	40	3-4
Šliha.....	1900	A	51	62	88	98	100	98	99	99	98	93	80	61	86	8-9
		B	23	17	4	1	0	1	***	***	1	1	6	10	6	8-9

NOTE Ceiling herein is defined as $\frac{5}{8}$ -eighths cloud cover.

* Combination:

A..... Ceiling ≥ 984 feet with visibility $\geq 2\frac{1}{4}$ miles.

B..... Ceiling < 656 feet and/or visibility $< 1\frac{1}{4}$ miles.

** Near but outside Czechoslovakia.

*** $< 0.5\%$.

FIGURE 45. MEAN NUMBER OF DAYS WITH SURFACE WIND SPEED ≥ 28 KNOTS AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	0	*	*	0	0	0	0	0	0	0	0	*	1	8-9
Hradec Králové.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	4-5
Píseň/Dobruška.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	3-4
Prácheň.....	0100	7	4	10	2	2	2	4	4	4	3	8	8	57	3-4
Prague/Ruzyně.....	0100	1	1	*	*	0	0	0	*	*	0	*	*	3	11-12
Příbram.....	0100	*	0	1	*	0	0	0	0	0	0	*	0	1	6-8
Štětí**.....	0100	16	13	13	9	7	6	7	8	9	9	11	13	120	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	1	*	1	*	0	0	*	0	0	0	*	*	2	9-11
Brno/Tuřany.....	0100	*	0	*	*	0	*	*	0	0	*	0	0	1	11
Košice.....	0100	1	*	1	*	*	*	0	0	0	0	*	1	3	10-11
Ostrava.....	0100	*	0	0	0	0	0	0	0	0	0	0	0	*	9-10
Užhorod*.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	0100	3	2	1	1	*	*	*	1	*	1	2	3	15	6-8
Lomnický štít.....	0100	2	2	4	1	1	1	1	1	1	1	1	1	16	4-5
Šliach.....	0100	0	0	0	0	0	0	0	0	0	0	0	0	0	8-9
Western Hills and Plains:															
České Budějovice.....	0700	0	0	0	*	0	0	0	0	0	0	*	*	1	8-9
Cháb.....	0700	*	*	0	0	0	*	0	0	0	0	*	*	1	9-10
Hradec Králové.....	0700	0	*	0	0	0	0	0	0	0	0	0	0	*	3-4
Liberec.....	0700	1	0	*	*	0	0	0	0	*	*	*	*	2	6
Milešovka.....	0700	10	8	9	7	5	5	6	6	4	5	8	9	83	9-10
Píseň/Dobruška.....	0700	0	0	0	0	0	0	0	0	*	0	*	*	1	3-4
Prácheň.....	0700	6	5	7	2	3	2	2	2	4	4	7	8	53	4-5
Prague/Ruzyně.....	0700	1	1	*	*	*	*	0	0	*	0	*	*	2	11-12
Příbram.....	0700	*	*	*	0	0	0	0	0	0	0	*	*	1	7-8
Štětí**.....	0700	17	13	13	8	7	6	6	8	8	10	11	14	119	10-11
Teplíc.....	0700	*	*	0	0	0	0	0	0	0	0	*	1	1	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	*	*	*	0	*	0	0	0	*	0	*	0	1	9-11
Brno/Tuřany.....	0700	*	*	0	*	0	0	0	0	0	0	0	*	*	11-12
Hurbanovo.....	0700	*	*	*	0	*	0	0	0	*	0	*	*	1	10
Košice.....	0700	1	*	1	*	*	*	0	0	0	*	*	1	3	11-12
Ostrava.....	0700	0	0	0	0	0	0	0	0	0	0	0	0	0	10-11
Přerov.....	0700	*	1	*	*	*	0	0	*	*	*	1	*	3	10
Užhorod**.....	0700	*	0	0	0	0	0	0	0	0	0	0	0	*	5-8
Eastern Mountains:															
Kasprowy Wierch**.....	0700	3	2	1	1	*	*	0	*	1	1	1	3	15	7-8
Lomnický štít.....	0700	2	3	3	1	1	*	1	1	2	1	1	3	17	5-7
Šliach.....	0700	0	*	0	*	*	0	0	0	0	0	0	0	*	8-9
Western Hills and Plains:															
České Budějovice.....	1300	*	*	*	*	0	0	0	0	0	0	0	*	1	7-9
Cháb.....	1400	*	*	*	*	*	*	*	*	*	*	*	*	2	9-10
Hradec Králové.....	1300	0	*	0	*	0	0	0	0	*	0	0	0	1	4-6
Liberec.....	1400	1	0	*	1	*	*	0	0	1	*	1	*	4	6
Milešovka.....	1400	11	7	9	7	5	4	6	5	4	4	8	9	80	9-10
Píseň/Dobruška.....	1300	0	*	0	0	0	0	0	*	0	0	0	*	1	3-4
Prácheň.....	1300	7	3	6	3	1	1	4	3	3	4	5	6	45	3-5
Prague/Ruzyně.....	1300	1	1	1	*	*	0	*	0	*	*	*	*	5	11-12
Příbram.....	1300	0	1	1	*	*	0	0	0	*	*	*	*	2	6-7
Štětí**.....	1300	14	11	11	6	4	4	5	7	6	8	10	13	99	10-11
Teplíc.....	1400	*	*	0	*	0	0	*	0	0	*	*	1	2	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	*	1	1	*	*	0	*	0	0	*	*	*	3	9-11
Brno/Tuřany.....	1300	*	*	1	*	*	0	0	0	*	*	0	0	2	11-12
Hurbanovo.....	1400	*	*	*	0	*	0	0	0	*	*	*	*	1	10
Košice.....	1300	*	1	1	1	*	*	0	*	0	*	*	1	4	11
Ostrava.....	1300	0	*	0	*	0	0	0	0	0	*	0	*	*	10-11
Přerov.....	1400	1	1	1	1	1	*	*	*	1	1	1	1	8	10
Užhorod**.....	1300	0	0	*	0	0	0	0	0	0	0	0	*	*	6-7

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 RMO
	(LWT)														
Eastern Mountains:															
Kasprowy Wierch**	1300	4	2	2	*	*	*	0	*	1	1	1	4	15	6-7
Lomnický štít	1300	2	2	1	1	1	0	*	0	1	1	1	2	12	4-6
Sliach	1300	0	0	*	*	0	*	0	0	0	0	0	0	*	7-9
Western Hills and Plains:															
České Budějovice	1900	*	*	*	0	0	0	0	0	0	0	*	0	*	8-10
Chob	2100	*	*	0	0	0	0	*	0	*	*	1	*	2	9-10
Hradec Králové	1900	0	*	0	0	0	0	0	0	0	0	0	0	*	3-5
Liberec	2100	1	*	*	*	0	*	*	0	*	*	1	0	3	8
Milešovka	2100	14	12	14	11	10	9	10	8	9	8	11	12	129	9-10
Piseň/Dobřany	1900	0	1	0	0	0	0	0	0	0	0	0	*	1	3-4
Praděd	1900	6	6	6	2	2	2	3	3	3	6	6	6	46	4-5
Prague/Ruzyně	1900	1	1	*	0	0	0	0	0	*	*	*	*	2	11-12
Příbram	1900	*	0	1	*	0	0	0	0	0	*	*	*	1	7-8
Šneška**	1900	16	13	12	8	5	4	3	6	9	9	11	12	109	10-12
Teplíc	2100	*	*	0	0	0	0	0	0	0	*	*	0	1	10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	*	*	*	0	*	0	*	0	0	0	0	*	1	9-10
Brno/Tuřany	1900	*	*	0	*	*	0	0	0	0	*	0	0	*	11-12
Hurbanovo	2100	*	*	0	0	*	0	0	0	*	*	*	*	1	10
Kolice	1900	1	1	1	*	0	0	0	0	0	*	*	1	3	11
Ostrava	1900	*	*	0	0	0	*	*	0	0	0	0	*	1	10-11
Přerov	2100	*	1	*	*	*	0	0	*	*	*	1	1	4	10
Ushgorod**	1900	0	0	0	0	0	0	0	0	0	0	0	0	0	5-7
Eastern Mountains:															
Kasprowy Wierch**	1900	3	3	1	*	1	*	0	1	1	1	1	4	17	7-8
Lomnický štít	1900	2	2	3	2	1	1	1	1	1	3	1	4	19	5-7
Sliach	1900	0	*	*	0	*	0	0	*	0	0	0	*	1	8-10

* < 0.5 day.

** Near but outside Czechoslovakia.

FIGURE 46. MEAN NUMBER OF DAYS WITH SURFACE WIND SPEED ≥ 17 KNOTS AND NO PRECIPITATION OCCURRING AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LST)														
Western Hills and Plains:															
České Budějovice	0100	1	1	1	*	0	*	*	0	*	*	1	1	4	8-9
Hradec Králové	0100	*	1	1	0	0	0	0	0	0	0	*	*	3	4-5
Píseň/Dobřany	0100	1	1	1	*	0	*	*	0	1	*	2	1	8	3-4
Prácheň	0100	13	11	15	10	11	8	13	13	13	13	15	14	148	3-4
Prague/Ruzyně	0100	4	3	2	1	1	1	1	1	2	1	2	2	20	11-12
Přibyslav	0100	2	2	3	1	*	1	*	*	*	2	3	4	20	6-8
Štětka**	0100	15	13	14	14	13	13	15	17	16	15	15	14	174	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji															
Dunaj	0100	2	1	2	1	1	1	1	1	*	*	1	1	12	9-11
Brno/Tuřany	0100	1	1	1	1	*	*	*	*	1	1	1	1	8	11
Košice	0100	3	3	4	2	1	1	*	1	*	1	2	2	20	10-11
Ostrava	0100	1	*	*	*	*	0	0	0	*	*	*	1	4	9-10
Eastern Mountains:															
Kaspový Wierch**															
Kaspový Wierch**	0100	6	5	6	4	4	4	4	5	5	7	7	7	65	6-8
Lomnický štít	0100	7	5	8	4	5	2	6	6	5	5	4	7	62	4-5
Šlihač	0100	*	*	1	*	0	0	0	0	0	0	*	*	2	8-9
Western Hills and Plains:															
České Budějovice	0700	*	1	1	*	0	*	*	*	0	*	1	1	5	8-9
Chob.	0800	1	*	1	1	*	0	*	1	*	1	1	1	7	4-5
Hradec Králové	0700	0	1	*	0	*	0	*	0	0	0	*	*	3	3-4
Liberec	0800	5	5	3	2	1	1	2	*	*	2	5	4	30	5-6
Milešovka	0700	*	*	3	8	12	10	12	11	12	13	9	3	93	9-10
Píseň/Dobřany	0700	*	1	*	1	0	*	*	*	*	1	1	0	5	3-4
Prácheň	0700	13	11	12	6	9	9	9	10	12	12	12	13	127	4-5
Prague/Ruzyně	0700	5	3	2	1	2	1	1	1	1	2	1	3	22	11-12
Přibyslav	0700	3	2	4	2	*	1	*	*	1	2	3	3	21	7-8
Štětka**	0700	17	14	14	12	12	10	13	15	14	15	15	15	165	10-11
Teplice	0700	1	1	1	2	*	1	1	1	1	1	1	2	12	9-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji															
Dunaj	0700	1	1	1	1	1	1	1	*	1	*	1	1	11	9-11
Brno/Tuřany	0700	1	1	2	1	*	*	*	*	*	*	*	1	7	11-12
Hurbanovo	0700	3	2	1	1	1	1	1	*	*	1	2	2	14	10
Košice	0700	3	3	3	3	3	2	2	1	*	1	2	2	26	10-11
Ostrava	0700	1	1	*	*	*	0	0	0	0	*	1	1	4	10-11
Přerov	0700	1	2	2	2	1	1	*	*	1	1	2	1	14	9-10
Eastern Mountains:															
Kaspový Wierch**															
Kaspový Wierch**	0700	9	5	6	3	5	3	3	1	6	7	7	6	63	7-8
Lomnický štít	0700	6	6	10	5	5	4	5	5	5	6	5	5	68	5-7
Šlihač	0700	*	*	1	*	1	*	0	0	0	0	*	*	2	7-9
Western Hills and Plains:															
České Budějovice	1300	2	1	3	1	1	1	1	1	1	2	2	1	17	7-9
Chob.	1400	*	1	3	3	3	1	2	1	1	3	2	2	22	4-5
Hradec Králové	1300	*	1	1	2	*	*	1	*	1	1	2	*	8	4-6
Liberec	1400	3	6	6	7	5	3	3	4	2	4	6	5	54	5
Milešovka	1400	*	*	3	8	10	11	12	12	11	10	7	3	85	9-10
Píseň/Dobřany	1300	1	*	2	2	*	1	2	3	3	1	2	1	19	3-4
Prácheň	1300	10	7	12	7	6	7	9	9	9	9	9	11	107	3-5
Prague/Ruzyně	1300	5	4	5	4	3	3	3	3	4	4	3	4	42	11-12
Přibyslav	1300	3	3	6	5	2	3	2	2	3	4	4	3	39	6-7
Štětka**	1300	15	12	12	9	8	9	11	11	11	12	12	13	134	10-11
Teplice	1400	2	3	4	4	3	3	4	4	4	3	2	1	36	9-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji															
Dunaj	1300	3	3	6	5	4	2	2	2	1	2	2	3	36	8-11
Brno/Tuřany	1300	2	2	5	5	3	2	2	2	3	3	2	2	30	11-12
Hurbanovo	1400	2	3	4	4	3	2	2	3	2	3	2	1	31	10
Košice	1300	4	3	5	6	4	3	2	2	2	2	3	4	38	10-11
Ostrava	1300	2	1	2	1	*	*	*	1	1	1	1	2	12	10-11
Přerov	1400	2	1	5	6	4	2	3	2	3	3	2	1	39	9-10

See footnotes at end of table.

FIGURE 46 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Mountains:															
Kasprowy Wierch**	1300	8	5	6	3	3	2	2	2	5	4	6	7	51	6-7
Lomnický Štít	1300	6	5	6	3	2	2	1	2	2	3	3	6	40	4-6
Sliach	1300	*	1	1	1	1	1	1	1	*	*	*	*	7	7-9
Western Hills and Plains:															
České Budějovice	1900	1	1	1	*	*	0	*	*	0	*	*	1	5	8-9
Chob.	1900	* 1	2	3	2	0	2	1	*	1	3	1	16	3-4	
Hradec Králové	1900	0	1	*	0	0	0	0	1	*	1	0	2	4-5	
Liberec	1900	5	4	3	3	2	1	2	1	1	2	4	3	30	4-5
Píseň/Dobřany	1900	0	1	0	1	*	*	0	*	1	*	2	1	6	3-4
Praděd	1900	11	11	11	7	8	7	10	8	11	12	13	13	120	4-5
Prague/Ruzyně	1900	3	2	2	1	1	1	1	1	2	1	1	3	19	11-12
Přibyslav	1900	3	2	2	2	1	*	*	*	1	1	3	2	18	7-8
Šnežka**	1900	16	13	14	11	9	10	12	12	15	16	13	13	154	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	2	2	2	1	1	1	1	1	*	*	1	2	13	9-11
Brno/Tuřany	1900	1	1	2	2	1	*	*	1	1	*	*	8	11-12	
Košice	1900	4	3	5	3	3	1	1	1	1	2	3	26	11	
Ostrava	1900	1	1	*	*	*	*	*	0	*	1	*	5	11	
Eastern Mountains:															
Kasprowy Wierch**	1900	7	6	6	2	4	2	2	4	6	6	8	58	7-8	
Lomnický Štít	1900	7	7	7	3	5	3	3	4	4	7	4	7	60	5-7
Sliach	1900	*	*	1	1	*	*	1	0	0	0	0	*	3	8-9

* <0.5 day.

** Near but outside Czechoslovakia.

FIGURE 47. MEAN NUMBER OF DAYS WITH SURFACE WIND SPEED 4 TO 10 KNOTS, TEMPERATURE >32° F. BUT <90° F., AND NO PRECIPITATION OCCURRING AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice	0100	3	3	5	8	7	7	7	7	6	6	7	4	70	8-9
Hradec Králové	0100	3	2	4	7	5	5	4	5	4	5	7	3	54	4-5
Píseň/Dobřany	0100	2	4	5	9	6	6	4	8	5	7	8	1	63	3-4
Praděd	0100	*	*	1	2	4	9	6	7	4	3	1	0	37	3-4
Prague/Ruzyně	0100	2	3	8	13	17	18	17	18	15	16	10	4	139	11-12
Přibyslav	0100	1	2	4	10	14	13	13	15	15	12	7	3	109	6-8
Šnežka**	0100	1	*	1	2	4	5	6	5	5	5	2	*	35	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	0100	4	5	10	14	14	13	13	14	14	15	12	6	135	9-11
Brno/Tuřany	0100	2	4	7	12	15	14	13	13	14	13	9	5	122	10-11
Košice	0100	1	2	5	11	13	13	14	16	15	11	9	4	114	10-11
Ostrava	0100	4	3	6	9	9	9	11	9	10	10	8	6	95	9-10
Uzhgorod**	0100	4	6	8	10	10	11	9	12	9	9	6	6	96	5-7
Eastern Mountains:															
Kasprowy Wierch**	0100	0	*	1	2	5	10	11	10	7	6	2	*	53	6-8
Lomnický Štít	0100	0	0	0	0	2	10	8	9	8	6	1	0	43	4-5
Sliach	0100	1	1	5	10	7	7	4	5	5	5	5	3	58	8-9
Western Hills and Plains:															
České Budějovice	0700	3	3	4	6	6	7	7	5	6	6	7	3	63	8-9
Chob.	0800	4	2	4	8	11	6	10	6	8	7	7	5	78	4-5
Hradec Králové	0700	4	2	4	8	5	7	5	6	4	6	7	3	30	3-4
Liberec	0800	2	3	5	8	8	12	10	13	9	8	7	4	88	5-6
Milešovka	0700	*	1	2	5	8	9	8	7	6	7	2	1	55	9-10
Píseň/Dobřany	0700	4	3	4	6	6	5	5	10	6	8	7	2	63	3-4
Praděd	0700	1	0	1	1	6	9	9	9	6	4	1	*	47	4-5
Prague/Ruzyně	0700	2	2	5	11	14	12	14	15	12	12	8	3	169	11-12
Přibyslav	0700	1	1	3	8	12	11	12	12	12	9	6	1	89	7-8
Šnežka**	0700	1	*	1	1	5	6	5	5	5	4	1	*	32	10-11
Teplice	0700	2	2	5	7	9	9	9	7	6	5	7	3	68	9-10

See footnotes at end of table.

FIGURE 47 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RNC
	(LST)														
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	3	4	10	14	16	16	16	16	16	15	12	6	142	9-11
Brno/Tuřany.....	0700	3	3	5	11	12	12	11	11	13	11	9	4	104	11-12
Hurbanovo.....	0700	3	4	6	11	12	11	11	11	9	11	9	5	102	10
Košice.....	0700	1	1	7	10	10	12	11	12	12	11	7	3	95	10-11
Ostrava.....	0700	4	3	4	9	12	11	13	12	10	11	8	6	102	10-11
Přorov.....	0700	2	2	4	7	7	7	5	5	3	4	4	3	53	9-10
Uzhgorod**.....	0700	5	4	7	11	14	12	10	10	9	9	6	4	101	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	0700	*	*	1	1	5	9	11	10	9	4	1	*	50	7-8
Lomnický štít.....	0700	0	0	0	1	3	9	10	9	7	5	1	*	45	5-7
Šliač.....	0700	1	2	4	8	6	6	4	4	3	4	5	3	50	7-9
Western Hills and Plains:															
České Budějovice.....	1300	6	5	11	14	15	15	17	14	15	11	10	5	137	7-9
Čeb.....	1400	5	6	11	12	14	13	16	13	14	11	12	6	132	4-5
Hradec Králové.....	1300	6	4	11	14	14	16	15	14	13	13	9	8	138	4-6
Liberec.....	1400	2	6	6	7	12	13	13	13	16	11	9	3	111	5
Milošovka.....	1400	*	2	4	6	9	9	9	8	9	11	3	1	72	9-10
Plzeň/Dobřany.....	1300	4	4	13	14	16	18	17	14	13	11	9	5	136	3-4
Prácheň.....	1300	1	1	2	7	8	9	8	11	8	6	3	*	62	3-5
Prague/Ruzyně.....	1300	3	4	11	12	15	13	14	13	15	14	11	6	130	11-12
Přibyslav.....	1300	3	3	7	10	14	14	16	13	13	10	6	4	114	6-7
Šnílečka**.....	1300	*	1	1	4	6	8	7	7	7	5	2	1	49	10-11
Teplíc.....	1400	6	6	14	15	16	15	15	15	15	14	12	5	149	9-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	7	5	11	11	12	15	13	16	15	15	12	9	140	8-11
Brno/Tuřany.....	1300	5	5	9	11	14	15	14	16	15	12	11	6	132	11-12
Hurbanovo.....	1400	8	7	11	14	15	16	14	15	14	13	12	9	147	10
Košice.....	1300	4	5	11	12	13	13	15	14	15	15	10	5	130	10-11
Ostrava.....	1300	6	5	10	14	15	16	16	14	15	14	11	7	144	10-11
Přorov.....	1400	4	5	9	11	12	9	11	12	9	11	6	6	107	9-10
Uzhgorod**.....	1300	6	8	14	15	16	17	16	16	16	17	10	7	157	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	1300	*	*	1	2	6	11	12	13	11	7	3	1	67	6-7
Lomnický štít.....	1300	*	0	*	1	3	8	11	10	8	7	1	*	49	4-6
Šliač.....	1300	3	3	9	14	14	17	17	16	16	11	9	5	132	7-9
Western Hills and Plains:															
České Budějovice.....	1900	4	4	8	14	11	13	13	12	10	9	8	5	112	8-9
Čeb.....	1900	3	5	11	12	14	15	12	12	15	13	9	3	124	3-4
Hradec Králové.....	1900	5	2	8	11	12	14	9	9	6	7	9	4	94	4-5
Liberec.....	1900	2	3	9	10	12	16	15	14	12	13	8	3	114	4-5
Plzeň/Dobřany.....	1900	3	6	9	15	16	15	15	18	9	11	8	3	128	3-4
Prácheň.....	1900	*	*	*	3	6	9	11	9	6	4	1	1	51	4-5
Prague/Ruzyně.....	1900	2	3	10	15	17	17	17	17	17	15	11	5	144	11-12
Přibyslav.....	1900	2	3	7	14	18	16	19	17	19	15	9	2	140	7-8
Šnílečka**.....	1900	1	1	1	2	6	8	7	6	6	3	1	*	41	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	5	6	13	17	17	18	17	17	15	13	11	7	156	9-11
Brno/Tuřany.....	1900	3	5	10	15	17	18	16	16	17	14	11	6	150	11-12
Košice.....	1900	2	3	8	13	15	15	15	17	16	13	10	4	130	11
Ostrava.....	1900	5	4	9	15	15	15	13	12	12	14	9	6	130	10-11
Uzhgorod**.....	1900	4	4	9	11	15	13	11	15	12	11	7	7	119	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	1900	0	*	1	2	6	10	12	12	9	7	2	*	60	7-8
Lomnický štít.....	1900	*	0	0	1	3	9	11	10	7	4	1	*	48	5-7
Šliač.....	1900	1	3	8	14	15	14	15	13	9	6	7	4	108	8-9

* < 0.5 day.

** Near but outside Czechoslovakia.

FIGURE 48. MEAN NUMBER OF DAYS WITH CEILING* \leq 984 FEET, VISIBILITY \leq 2 1/4 MILES, AND SURFACE WIND SPEED \leq 10 KNOTS AT SPECIFIED HOURS

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	17	12	20	20	28	27	28	29	23	21	15	14	259	8-9
Hradec Králové.....	0100	22	14	23	29	28	28	27	28	26	21	19	17	282	4-5
Píseň/Dobruška.....	0100	6	6	18	23	25	22	22	27	14	11	12	6	193	3-4
Prácheň.....	0100	4	4	5	7	6	8	7	6	6	6	4	4	66	3-4
Prague/Ruzyně.....	0100	11	11	18	22	24	26	24	25	21	19	15	12	228	11-12
Přibyslav.....	0100	12	11	14	20	23	23	27	24	21	17	11	12	213	6-8
Štětka**.....	0100	3	3	4	5	5	6	6	6	6	4	4	4	57	9-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	13	14	19	23	25	23	26	27	26	24	19	15	253	9-11
Brno/Tuřany.....	0100	17	16	21	25	28	27	29	29	27	22	18	15	274	11
Košice.....	0100	14	14	21	23	25	26	29	27	28	25	19	14	262	10-11
Ostrava.....	0100	14	12	16	21	25	26	27	27	23	17	12	15	234	9-10
Ušgorod**.....	0100	20	17	25	26	28	27	30	29	28	28	21	18	294	5-7
Eastern Mountains:															
Kasprowy Wierch**.....	0100	7	8	10	8	10	10	10	11	11	12	10	6	111	5-8
Lomnický štít.....	0100	10	11	9	8	9	14	14	11	12	16	14	11	138	2-4
Šliach.....	0100	14	12	22	27	28	27	29	29	25	21	19	15	207	8-9
Western Hills and Plains:															
České Budějovice.....	0700	15	11	16	19	23	24	24	24	14	14	14	12	211	8-9
Chab.	0800	7	6	10	15	16	16	16	12	11	9	8	5	132	4-5
Hradec Králové.....	0700	20	11	15	24	20	23	23	24	18	14	13	15	218	3-4
Liberec.....	0800	6	7	12	14	17	22	22	20	18	15	9	9	168	5-6
Píseň/Dobruška.....	0700	10	7	14	12	17	19	22	22	8	9	9	7	156	3-4
Prácheň.....	0700	4	5	6	7	9	8	8	11	7	7	5	4	79	4-5
Prague/Ruzyně.....	0700	11	8	11	17	21	20	22	22	17	12	11	11	185	11-12
Přibyslav.....	0700	10	10	11	15	19	19	23	20	18	13	8	10	177	7-8
Štětka**.....	0700	3	4	5	4	6	6	6	6	5	6	3	3	57	8-11
Toplice.....	0800	11	9	9	15	21	25	23	21	17	16	8	10	183	2
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	14	11	15	19	22	23	25	25	22	19	13	13	221	9-11
Brno/Tuřany.....	0700	14	11	14	20	24	24	26	25	21	13	13	14	216	11
Košice.....	0700	13	12	20	21	21	22	25	26	26	22	17	13	238	10-11
Ostrava.....	0700	13	10	13	19	22	23	26	23	19	16	12	13	207	10-11
Ušgorod**.....	0700	19	15	23	25	27	26	27	27	26	25	21	17	277	5-6
Eastern Mountains:															
Kasprowy Wierch**.....	0700	6	9	13	9	12	13	14	14	13	10	10	8	130	5-7
Lomnický štít.....	0700	11	8	8	11	12	15	16	16	15	13	13	13	149	3-5
Šliach.....	0700	13	10	18	21	22	24	24	20	14	13	10	15	209	7-9
Western Hills and Plains:															
České Budějovice.....	1300	17	13	18	22	25	25	24	25	24	20	15	13	241	7-9
Chab.	1400	10	10	13	17	19	24	22	21	21	14	10	8	188	4-5
Hradec Králové.....	1300	19	12	21	22	24	25	27	25	27	22	16	17	256	4-6
Liberec.....	1400	8	11	12	11	15	17	18	18	18	13	12	10	161	5
Píseň/Dobruška.....	1300	8	8	18	20	24	26	24	21	18	16	12	7	202	3-4
Prácheň.....	1300	4	9	7	5	5	4	4	8	6	7	5	4	67	3-5
Prague/Ruzyně.....	1300	10	10	15	17	19	19	19	20	19	17	14	13	191	11-12
Přibyslav.....	1300	11	10	11	13	16	17	20	18	18	13	7	11	166	6-7
Štětka**.....	1300	4	4	4	5	4	4	3	5	6	6	4	5	53	8-10
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1300	11	9	14	14	16	18	20	19	19	19	14	11	184	8-11
Brno/Tuřany.....	1300	13	12	15	15	18	20	21	22	20	18	16	10	197	11
Košice.....	1300	13	13	18	17	19	20	21	22	21	22	18	13	216	10-11
Ostrava.....	1300	12	13	15	18	22	24	23	22	22	19	14	11	216	10-11
Ušgorod**.....	1300	15	14	24	21	24	23	24	26	24	27	22	15	258	5-6

See footnotes at end of table.

FIGURE 48 (Continued)

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Eastern Mountains:															
Kasprowy Wierch**	1300	9	11	10	9	12	10	10	12	10	10	10	7	121	5-6
Lomnický Štit	1300	15	12	11	10	7	3	7	8	11	20	16	14	133	2-3
Sliuč	1300	9	11	21	22	23	24	24	26	26	24	23	13	247	7-9
Western Hills and Plains:															
České Budějovice	1900	17	13	22	26	27	28	29	20	27	24	17	15	275	8-9
Chob.	1900	5	11	16	17	22	27	23	24	24	16	10	5	200	3-4
Hradec Králové	1900	19	13	22	26	20	28	29	29	27	23	19	16	280	4-5
Liberec	1900	7	8	16	17	20	23	24	24	21	18	10	7	193	4-5
Plzeň/Dobruška	1900	10	9	22	26	20	26	28	28	22	18	15	8	240	3-4
Praděd	1900	4	6	5	6	9	10	8	9	6	5	4	3	73	4-5
Prácheň/Ruzyně	1900	12	10	16	21	23	24	25	26	24	20	13	12	225	11-12
Příbram	1900	13	14	16	21	25	23	26	27	25	22	12	12	234	7-8
Šnílečka**	1000	4	4	3	4	5	7	7	6	5	4	5	3	57	8-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji	1900	13	13	19	22	25	25	27	27	27	25	20	14	257	9-11
Brno/Tuřany	1900	15	14	19	21	25	26	27	28	27	23	17	14	256	11-12
Košice	1900	12	14	20	22	22	25	26	27	26	26	20	13	252	11
Ostrava	1900	14	13	19	24	28	28	29	29	25	23	16	13	261	10-11
Uzhgorod**	1900	18	16	23	25	28	26	29	29	27	27	22	16	286	5-6
Eastern Mountains:															
Kasprowy Wierch**	1900	8	8	11	10	9	10	12	12	10	10	9	8	115	6-7
Lomnický Štit	1900	11	7	9	12	10	11	9	9	10	13	14	10	127	2-4
Sliuč	1900	14	15	24	27	28	27	29	30	29	27	23	17	290	8-9

* Ceiling herein is defined as $\frac{1}{8}$ 5-eighths cloud cover.

** Near but outside Czechoslovakia.

FIGURE 49. MEAN DAILY MAXIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
Western Hills and Plains:														
Březiny	34	37	47	57	67	73	77	75	69	56	45	36	56	25
Čáslav	33	37	47	57	67	72	76	75	69	56	45	35	56	25
České Budějovice	33	37	47	56	65	71	75	74	68	55	44	35	55	25
Cheb	31	35	44	53	62	68	72	71	65	53	42	33	53	25
Hradec Králové	35	37	47	58	67	73	77	76	70	57	45	36	56	25
Jevíčko	30	35	44	55	65	71	74	73	67	54	42	33	54	25
Liberec	31	34	44	54	64	69	72	71	66	53	42	33	53	25
Litomyšl	31	35	45	56	65	71	74	73	67	55	44	33	54	25
Mariánské Lázně	31	35	44	53	62	68	72	71	65	52	41	33	52	25
Město Albrechtice	32	34	43	53	62	68	72	71	64	53	43	35	53	25
Milčůvka	27	30	38	48	57	63	67	66	60	47	37	29	47	25
Pančf	30	30	38	44	53	60	63	63	57	47	37	30	46	25
Píseň	32	37	47	56	66	72	75	74	68	55	43	35	55	25
Praděb	21	19	27	35	45	51	54	54	48	42	29	26	38	4-5
Prague	34	38	47	57	67	74	77	75	68	56	46	36	56	25
Příbrav	29	31	40	54	60	68	69	70	65	55	41	33	51	6-8
Rožmitál pod Třemšínem	32	37	46	56	65	72	75	74	68	55	42	33	55	25
Šnietka*	24	24	27	34	44	49	53	51	46	38	31	26	37	50
Tábor	31	36	45	55	65	71	74	73	67	54	42	33	54	25
Telš	30	35	44	55	64	70	74	73	67	54	42	33	53	25
Teplíc	33	37	46	56	66	72	76	74	68	55	44	35	55	25
Vitkov	29	32	42	53	63	69	73	71	65	53	42	32	52	25
Eastern Lowlands:														
Bratislava	33	38	48	60	69	75	79	78	72	58	46	36	58	25
Brno	32	37	47	59	68	74	78	77	70	57	45	36	56	25
Hurbanovo	33	38	49	61	70	76	80	79	73	60	48	37	59	25
Košice	31	36	46	58	69	74	79	77	71	58	46	35	57	25
Lučenec	32	38	49	61	71	76	81	80	73	60	46	36	59	25
Opava	32	35	44	55	65	71	75	74	67	55	45	35	54	25
Ostrava	33	36	47	58	67	73	78	76	69	56	46	35	56	25
Plešany	33	38	48	60	69	75	79	78	71	58	46	36	58	25
Přerov	32	36	47	58	67	73	77	75	69	56	45	35	56	25
Strážnice	33	37	48	59	68	74	78	76	70	58	46	36	57	25
Ushgorod*	33	35	47	59	71	74	78	78	72	61	49	36	58	15-16
Znojmo	32	37	47	58	67	73	77	76	70	56	44	35	56	25
Eastern Mountains:														
Banská Štiavnica	31	35	43	54	65	71	74	73	67	54	42	33	54	25
Brezno nad Hronom	28	34	45	56	66	72	75	74	68	56	43	32	54	25
Bystřice	31	35	44	55	64	69	73	72	66	55	44	35	54	25
Kasprowy Wieroh*	19	20	25	29	39	47	51	50	44	38	30	24	35	7-8
Lomnický štít	15	13	18	26	34	42	45	44	39	34	25	20	29	5-7
Lysá Hora	24	26	32	42	52	58	61	60	55	44	35	26	43	25
Oravský Podzámok	30	34	44	54	65	70	74	72	67	55	44	34	54	25
Šliač	31	37	47	59	69	75	79	78	71	58	45	35	57	25
Starý Smokovec	30	33	40	49	58	63	67	66	61	51	41	33	49	25
Trenčianske Teplice	32	37	47	58	68	73	77	76	70	57	44	35	56	25
Turčiansky Svätý Martin	30	34	44	55	65	70	75	73	67	56	44	34	54	25

* Near but outside Czechoslovakia.

FIGURE 50. MEAN DAILY MINIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Bfuziny.....	24	25	31	38	45	51	55	53	48	41	36	28	40	25
Čáslav.....	22	24	30	38	45	50	54	53	47	40	35	26	39	25
České Budějovice.....	21	23	29	37	44	49	53	52	46	39	33	25	37	25
Cheb.....	22	22	28	35	43	48	51	50	45	38	33	25	37	25
Hradec Králové.....	22	23	29	37	44	50	54	53	47	39	34	26	38	25
Jovišsko.....	21	23	30	38	47	52	56	55	49	40	34	25	39	25
Liberec.....	22	23	29	36	44	49	54	53	47	40	34	25	35	25
Litomyšl.....	22	24	30	38	46	51	55	54	49	40	35	26	39	25
Mariánské Lázně.....	21	22	28	35	43	48	51	51	46	38	33	24	37	25
Město Albrechtice.....	22	23	29	37	45	51	55	55	50	41	34	26	39	25
Milešovka.....	19	21	27	34	42	48	52	52	47	37	30	22	36	25
Pančf.....	18	19	24	31	38	44	48	48	43	35	27	20	33	25
Píseň.....	24	25	29	36	44	50	53	52	47	39	33	26	38	25
Praděd.....	15	11	19	25	33	41	44	45	39	32	23	21	29	4-5
Prague.....	26	28	33	41	49	56	60	59	53	44	37	29	43	25
Přibyslav.....	21	20	27	36	42	49	51	52	46	38	33	25	37	6-8
Rožmitál pod Třemšínem.....	19	21	27	34	42	47	51	50	45	37	30	22	35	25
Šnecáka*.....	14	14	18	24	33	38	42	41	37	29	22	17	27	50
Tábor.....	20	22	28	36	44	50	53	52	47	38	33	24	37	25
Telč.....	18	20	27	35	42	47	51	49	44	37	31	22	35	25
Toplice.....	24	26	31	39	47	53	57	55	50	41	35	28	41	25
Vitkov.....	19	21	27	35	43	49	53	52	47	38	32	24	37	25
Eastern Lowlands:														
Bratislava.....	23	20	33	41	49	55	58	57	51	43	37	28	42	25
Brno.....	22	24	31	39	47	53	56	55	49	40	35	27	40	25
Urbanovo.....	22	25	32	41	49	54	58	56	51	42	37	27	41	25
Kolice.....	19	23	29	38	47	53	56	55	48	39	34	25	39	25
Lučenec.....	18	22	30	39	48	53	57	55	49	40	35	26	39	25
Opava.....	20	23	28	37	44	49	53	52	47	39	34	26	38	25
Ostrava.....	21	24	30	38	45	51	55	54	48	40	35	26	39	25
Plešany.....	22	24	31	39	48	53	57	55	50	42	36	27	40	25
Přerov.....	21	24	30	38	46	51	55	54	48	40	35	27	39	25
Strážnice.....	21	23	30	38	46	51	55	54	48	40	35	26	39	25
Ushgorod*.....	22	24	31	40	49	54	57	56	50	43	37	26	41	15-16
Znojmo.....	22	24	31	38	46	52	55	55	49	40	35	26	40	25
Eastern Mountains:														
Banská Štiavnica.....	20	22	29	38	47	52	56	55	49	40	33	24	39	25
Brno nad Hronom.....	12	17	24	34	42	47	50	49	43	36	31	21	34	25
Bystřice.....	19	20	27	36	44	49	53	52	47	40	34	24	37	25
Kasprowy Wierch*.....	11	10	17	22	30	39	41	41	36	30	23	18	27	7-8
Lomnický štít.....	8	5	10	16	24	32	34	34	30	26	17	13	21	5-6
Lysá Hora.....	13	15	21	29	38	44	47	47	42	33	24	17	31	25
Oravský Podzámok.....	15	18	25	34	43	48	51	50	44	37	32	22	35	25
Štinč.....	17	20	28	36	44	50	53	52	46	38	33	23	37	25
Starý Smokovec.....	15	16	23	32	41	46	49	49	44	35	28	20	33	25
Trenčianske Toplice.....	21	23	29	38	45	50	54	53	47	40	35	26	38	25
Turčiansky Svätý Martin.....	18	20	28	36	45	49	53	51	46	38	33	24	37	25

* Near but outside Czechoslovakia.

FIGURE 51. ABSOLUTE MAXIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Břeslav	58	58	68	82	88	95	95	98	91	82	64	57	98	25
Čáslav	55	59	72	85	89	97	95	97	93	84	69	61	97	25
České Budějovice	59	67	75	82	90	98	98	98	94	86	73	63	98	33
Chob.	54	54	64	75	84	87	91	90	87	77	64	57	91	10
Hradec Králové	48	54	64	82	84	91	91	95	90	79	81	63	95	6-7
Javíčko	51	62	70	79	87	96	92	94	91	80	66	54	90	25
Liberec	50	59	66	80	86	94	95	92	88	78	63	52	95	31
Litomyšl	54	56	70	82	88	94	92	93	90	82	68	59	94	25
Milčkovka	40	58	65	73	83	88	92	92	88	72	56	50	92	35
Panov	55	60	63	78	83	87	88	86	82	74	60	60	88	25
Písek	58	63	70	82	89	98	98	97	91	81	73	55	98	26
Pradib	43	43	57	59	64	66	73	72	68	64	50	48	73	4-5
Prague	56	63	71	82	90	99	96	95	90	81	67	60	99	44
Přibyslav	50	62	68	81	79	86	88	88	84	75	63	61	86	6-8
Rožmitál pod Třemšínem	58	69	74	85	93	95	95	101	94	82	64	54	101	25
Sněžka*	40	40	52	59	73	73	76	79	69	64	59	51	79	50
Tábor	54	62	70	81	88	96	92	99	92	82	62	55	99	25
Telč	55	60	68	84	90	94	96	94	91	80	64	55	90	25
Teplíc	57	55	71	83	89	99	101	97	95	82	67	58	101	28
Eastern Lowlands:														
Bratislava	57	63	74	82	88	98	98	99	91	83	69	59	98	25
Bruo	58	58	71	81	89	96	97	96	90	82	68	57	97	25
Hurbanovo	58	62	73	83	90	98	101	98	93	85	72	58	101	28
Košice	52	56	71	83	88	93	95	99	91	83	70	58	99	35
Lučonoe	52	58	73	84	89	98	99	100	93	84	67	57	100	25
Opava	50	62	70	81	89	92	94	97	90	80	70	57	97	25
Ostrava	57	59	72	83	90	95	95	100	92	83	70	61	100	38
Piešťany	55	59	73	83	88	96	98	97	91	83	69	55	98	25
Přerov	55	61	72	82	86	94	97	95	91	81	69	55	97	28
Strážnice	58	68	72	82	89	94	96	96	91	82	70	57	96	25
Uzhgorod*	52	61	73	83	88	91	97	99	91	83	72	62	99	15-16
Eastern Mountains:														
Banská Štiavnica	52	55	66	80	84	93	94	95	87	79	69	53	95	29
Brešno nad Hronom	50	53	72	83	84	93	93	93	89	78	65	52	93	25
Bystřice	50	61	68	80	84	90	94	93	88	79	69	56	94	25
Kasprowy Wierch*	43	43	46	52	63	68	70	72	72	55	48	45	72	9-10
Lomnický štít	42	37	42	47	56	61	64	67	59	55	52	44	67	17
Oravský Podzámok	54	55	67	83	85	91	91	93	88	78	68	57	93	25
Silač	54	57	73	82	86	95	98	99	91	81	68	54	99	33
Starý Smokovec	54	54	61	77	79	85	86	88	83	72	65	59	88	28
Trenčianske Teplice	54	58	71	82	87	96	95	95	91	81	69	55	96	25
Turčiansky Svätý Martin	52	54	67	85	85	93	97	94	88	78	67	65	97	25

* Near but outside Czechoslovakia.

FIGURE 52. ABSOLUTE MINIMUM TEMPERATURE (°F.)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Břoslyň	-12	-26	-9	13	28	30	43	38	32	18	19	-9	-26	25
Čáslav	-18	-30	-23	17	26	35	30	37	28	10	14	-17	-36	25
České Budějovice	-24	-39	-19	-1	23	30	34	37	26	10	7	-22	-39	33
Chob.	-12	-24	-12	10	25	30	39	32	23	21	10	-20	-24	10
Hradec Králové	-17	-17	-4	23	25	33	39	33	32	18	19	-15	-17	7-8
Jovičko	-14	-21	-3	14	25	32	43	40	28	20	13	-6	-21	25
Liberec	-19	-31	-8	9	22	30	37	33	23	14	6	-11	-31	31
Litomyšl	-17	-33	-17	10	25	28	40	36	30	13	14	-8	-33	25
Milešovka	-10	-15	1	12	21	29	38	37	29	15	6	-5	-15	35
Pančf.	-12	-24	-6	3	14	25	33	32	24	9	7	-8	-24	25
Píseň	-16	-21	-11	14	25	29	38	37	27	17	10	-16	-31	26
Prácheň	-15	-27	-2	9	14	25	32	32	23	16	0	1	-27	4-5
Frágu	-7	-17	-6	18	30	39	47	44	34	18	7	-6	-17	44
Příbrav	-17	-29	-2	18	25	32	37	34	27	21	9	-4	-26	6-8
Rožmitál pod Třemšínem	-18	-21	-9	9	21	32	37	34	27	19	9	-12	-21	25
Štětka*	-21	-19	-11	1	9	16	28	28	17	2	-8	-10	-21	50
Tábor	-26	-20	-9	13	24	34	39	36	28	16	10	-19	-26	25
Telč	-30	-22	-9	5	20	29	34	32	24	13	7	-25	-30	25
Teplíc	-9	-18	-2	17	29	35	42	41	28	14	18	-8	-18	28
Eastern Lowlands:														
Bratislava	-16	-17	4	20	27	37	46	44	33	23	19	-5	-17	25
Brno	-7	-23	-4	18	27	33	42	41	27	19	16	-9	-23	25
Hurbanovo	-23	-31	-2	21	27	32	43	42	28	17	8	-8	-31	28
Košice	-17	-23	-2	19	26	32	39	39	27	14	-1	-8	-23	35
Lučenec	-26	-29	-4	15	22	33	40	37	29	12	3	-18	-29	25
Opava	-22	-36	-21	17	27	31	37	35	28	17	11	-15	-36	26
Ostrava	-18	-27	-15	4	27	32	41	38	28	18	5	-18	-27	35
Plešany	-18	-22	-8	17	25	29	32	38	30	16	9	-9	-22	25
Přerov	-24	-23	-16	19	27	30	32	40	28	17	12	-14	-24	28
Strážnice	-23	-24	-10	17	25	30	33	33	26	15	13	-12	-24	25
Uzhgorod*	-13	-25	-10	21	29	30	43	41	32	23	10	-10	-25	15-16
Eastern Mountains:														
Banská Štrelca	-16	-16	5	16	26	32	43	41	31	16	9	-2	-16	29
Brezno nad Hronom	-23	-33	-14	10	20	28	34	30	24	9	1	-18	-33	25
Bystrá	-28	-35	-16	6	20	29	40	39	27	17	10	-21	-35	5-6
Kasprowy Wierch*	-18	-22	-9	1	9	23	28	25	18	10	-13	-15	-22	9-10
Lomnický štít	-23	-22	-19	-9	-1	14	18	18	8	-1	-20	-13	-23	17
Oravský Podzámok	-20	-34	-16	7	23	30	39	33	23	8	8	-25	-34	25
Šliach	-18	-32	-15	16	22	29	39	35	25	10	2	-15	-32	33
Starý Smokovec	-13	-30	-6	5	21	25	35	34	26	10	8	-12	-30	25
Trochianske Teplice	-17	-26	-5	14	25	30	40	36	26	16	10	-9	-26	25
Turčiansky Svätý Martin	-23	-26	-13	13	24	29	37	37	25	11	5	-18	-26	25

* Near but outside Czechoslovakia.

FIGURE 53. MEAN NUMBER OF DAYS WITH MAXIMUM TEMPERATURE $\geq 32^{\circ}\text{F}$.

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Břosín	11	7	1	*	0	0	0	0	0	0	1	8	28	25
Čáslav	12	7	2	0	0	0	0	0	0	0	1	9	30	25
České Budějovice	13	7	2	*	0	0	0	0	0	0	1	10	33	25
Chelč	15	9	3	*	0	0	0	0	0	0	2	12	40	25
Hradec Králové	13	7	1	*	0	0	0	0	0	0	*	8	30	25
Jevišsko	17	9	3	0	0	0	0	0	0	*	2	13	43	25
Liberec	16	10	3	*	0	0	0	0	0	1	2	12	42	25
Litomyšl	15	8	2	0	0	0	0	0	0	0	1	12	39	25
Mariánské Lázně	14	8	3	*	0	0	0	0	0	*	2	13	40	25
Město Albrechtice	14	10	4	*	0	0	0	0	0	*	2	11	41	25
Milčovice	21	10	9	1	*	0	0	0	0	1	8	20	78	25
Panov	21	17	11	3	*	0	0	0	*	3	10	20	85	25
Plzeň	13	7	2	*	0	0	0	0	0	0	1	11	34	25
Pradib	28	26	24	15	3	0	0	0	1	7	22	26	150	4-5
Prague	11	7	1	0	0	0	0	0	0	0	*	8	27	25
Přibyslav	21	15	7	1	0	0	0	0	0	0	5	16	65	6-8
Rožmitál pod Třemšínem	14	7	2	*	0	0	0	0	0	0	2	12	37	25
Sniceka**	26	24	22	13	3	*	0	0	1	8	17	24	138	25
Tábor	15	8	2	*	0	0	0	0	0	0	2	11	38	25
Telč	16	9	2	*	0	0	0	0	0	*	2	13	43	25
Teplice	13	8	1	*	0	0	0	0	0	*	1	10	33	25
Vitkov	18	12	5	*	0	0	0	0	0	*	3	14	52	25
Eastern Lowlands:														
Bratislava	15	7	1	0	0	0	0	0	0	0	1	9	32	25
Bre	14	7	1	0	0	0	0	0	0	0	1	9	32	25
Hurbanovo	13	6	1	0	0	0	0	0	0	0	1	8	28	25
Košice	16	7	2	0	0	0	0	0	0	0	1	11	37	25
Lučerna	14	5	1	0	0	0	0	0	0	0	1	8	28	25
Opava	14	5	3	*	0	0	0	0	0	0	1	10	37	25
Ostrava	14	8	2	*	0	0	0	0	0	0	1	10	35	25
Plešany	14	6	1	0	0	0	0	0	0	0	1	8	29	25
Přerov	15	8	1	0	0	0	0	0	0	0	1	10	35	25
Strážnice	14	7	1	0	0	0	0	0	0	0	1	9	31	25
Uhgorod**	14	10	3	*	0	0	0	0	0	0	3	11	41	5-8
Znojmo	15	8	2	0	0	0	0	0	0	0	2	11	36	25
Eastern Mountains:														
Banská Štiavnica	16	8	3	0	0	0	0	0	0	0	2	12	40	25
Brezno nad Hronom	18	9	2	0	0	0	0	0	0	0	1	13	43	25
Bystrica	15	9	3	*	0	0	0	0	0	*	2	11	40	25
Kamprovy Wierch**	28	26	25	20	8	1	*	*	4	10	10	27	169	7-8
Lomnický štít	30	27	28	21	9	2	*	1	4	11	25	29	186	15
Lysá Hora	25	22	15	5	1	0	0	0	1	4	11	22	106	25
Oravský Podzámok	16	10	3	*	0	0	0	0	0	*	2	12	43	25
Šliač	15	6	1	0	0	0	0	0	0	0	1	9	32	25
Starý Smokovec	17	13	6	1	0	0	0	0	0	*	4	14	55	25
Trenčianske Teplice	14	6	1	0	0	0	0	0	0	0	1	8	31	25
Turčiansky Svätý Martin	17	9	3	*	0	0	0	0	0	0	2	11	42	25

* < 0.5 day.

** Near but outside Czechoslovakia.

Figure 54. MEAN NUMBER OF DAYS WITH MINIMUM TEMPERATURE $\leq 32^{\circ}\text{F}$.

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMC
Western Hills and Plains:														
Březiny	24	19	16	5	1	*	0	0	*	3	8	19	96	25
Čáslav	23	19	17	5	1	0	0	0	*	3	9	20	97	25
České Budějovice	25	22	18	7	2	*	0	0	1	5	12	23	114	25
Chob.	24	21	20	9	2	*	0	*	1	6	13	23	120	25
Hradec Králové	26	22	20	7	1	0	0	0	*	4	10	22	111	25
Jevíčko	27	23	18	5	1	*	0	0	*	3	12	24	113	25
Liberec	26	23	20	9	3	*	0	0	*	5	12	24	123	25
Litomyšl	24	20	17	6	1	*	0	0	*	3	9	21	101	25
Mariánské Lázně	26	24	21	10	2	0	0	0	1	5	16	25	130	25
Město Albrechtice	26	22	19	6	1	0	0	0	0	3	12	23	111	25
Milešovka	30	26	22	12	3	*	0	0	*	7	20	29	148	25
Pančf.	30	27	25	18	5	*	0	*	1	11	23	29	170	25
Plaňá	24	21	20	9	2	*	0	0	1	4	12	23	115	25
Prácheň	31	27	29	25	15	3	1	*	6	17	26	30	210	4-5
Prague	21	17	12	1	*	0	0	0	0	1	5	18	75	25
PIřbyslav	29	25	23	12	3	*	0	0	1	8	15	25	142	6-8
Rožmitál pod Třemšínem	29	26	23	11	3	*	0	0	1	7	19	28	146	25
Štítník**	31	28	30	24	12	5	*	*	7	19	20	30	212	25
Tábor	27	24	21	8	2	0	0	0	*	5	14	26	126	25
Telč	28	25	24	11	3	*	0	*	1	7	16	26	141	25
Toplice	23	19	15	4	1	0	0	0	*	3	8	2 [^]	93	25
Vítkov	28	24	21	10	2	0	0	0	*	6	14	25	131	25
Eastern Lowlands:														
Bratislava	25	20	12	2	*	0	0	0	0	1	7	20	87	25
Brno	27	22	17	5	1	0	0	0	*	3	10	22	105	25
Hurbanovo	25	21	14	4	*	*	0	0	*	3	8	20	95	25
Kořice	28	24	19	6	1	*	0	0	1	5	11	23	118	25
Lučenec	27	23	18	5	1	0	0	0	*	4	10	22	109	25
Opava	25	21	18	7	2	*	0	0	*	5	10	22	110	25
Ostrava	26	22	18	6	1	*	0	0	*	4	10	23	109	25
Plešany	29	21	17	5	1	*	0	0	*	3	9	21	103	25
Přerov	25	21	18	6	1	*	0	0	*	4	9	21	107	25
Strážnice	25	21	18	7	2	*	0	0	1	5	10	22	100	25
Uzhgorod**	27	23	19	7	1	*	0	0	*	4	11	23	115	15-16
Znojmo	25	21	16	4	1	0	0	0	0	3	9	22	100	25
Eastern Mountains:														
Banská Štiavnica	29	25	20	6	1	*	0	0	*	4	14	26	124	25
Brozno nad Hronom	30	27	26	11	2	*	0	*	2	9	17	26	149	25
Bystrá	26	23	20	8	2	*	0	0	*	5	12	23	119	25
Kasprowy Wierch**	31	28	30	28	19	7	2	2	11	17	27	30	231	7-8
Lomnický štít	31	28	31	30	27	16	12	11	15	24	20	31	285	15
Lysá Hora	31	27	27	19	6	1	0	0	2	13	22	30	177	25
Oravský Podzámok	28	26	24	12	2	*	0	0	1	8	15	26	142	25
Šliach	28	24	21	8	1	*	0	0	1	7	13	24	126	25
Starý Smokovec	30	27	25	15	4	*	0	0	2	10	20	28	162	25
Trnčianske Toplice	26	22	19	7	1	*	0	0	*	4	10	22	112	25
Turčiansky Svätý Martin	27	24	21	8	1	*	0	0	1	6	13	24	125	25

* <0.5 day.

** Near but outside Czechoslovakia.

FIGURE 55. MEAN RELATIVE HUMIDITY (%) AT SPECIFIED HOURS

REGION AND STATION	HOOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
	(LST)														
Western Hills and Plains:															
České Budějovice.....	0100	90	90	86	84	87	87	88	88	89	91	91	91	88	8-9
Hradec Králové.....	0100	90	90	86	85	88	86	88	88	90	92	90	91	89	4-5
Plzeň/Dobruška.....	0100	89	88	86	85	89	86	87	84	90	90	91	91	88	3-4
Prácheň.....	0100	89	92	91	91	91	91	94	91	91	89	92	95	91	3-4
Prague/Ruzyně.....	0100	88	89	84	80	82	83	84	83	85	89	90	90	86	11-12
Příbram.....	0100	94	93	90	87	88	89	90	89	89	91	94	95	91	6-8
Štětka*.....	0100	85	84	83	88	90	89	90	90	88	85	86	86	87	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0100	87	86	83	81	83	85	85	86	86	87	88	88	85	9-11
Brno/Tuřany.....	1000	89	88	83	78	81	83	85	85	84	88	89	89	85	11
Kojetice.....	0100	90	89	84	80	83	85	87	85	86	88	90	90	86	10-11
Ostrava.....	0100	89	90	87	84	88	88	89	90	91	90	91	90	89	9-10
Uherský Brod*.....	0100	84	84	74	73	75	78	80	79	80	84	84	85	80	5-7
Eastern Mountains:															
Kasprowy Wierch*.....	0100	78	77	76	86	88	90	89	88	83	77	79	81	83	6-8
Lomnický štít.....	0100	79	81	81	89	90	89	91	89	75	79	80	87	84	4-5
Špičák.....	0100	91	89	86	84	87	89	89	90	91	91	93	91	89	8-9
Western Hills and Plains:															
České Budějovice.....	0700	91	91	89	87	85	83	85	88	91	93	91	91	89	8-9
Hradec Králové.....	0700	89	89	89	84	89	81	84	87	91	92	91	89	88	3-4
Plzeň/Dobruška.....	0700	89	91	89	89	90	85	86	88	93	93	91	92	90	3-4
Prácheň.....	0700	91	95	92	91	87	87	90	89	90	88	92	92	90	4-5
Prague/Ruzyně.....	0700	89	90	87	83	79	78	81	84	88	91	91	90	86	11-12
Příbram.....	0700	93	96	92	87	86	84	88	89	90	94	94	95	91	7-8
Štětka*.....	0700	85	82	82	87	89	88	89	90	87	85	87	86	86	10-11
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	0700	87	87	85	80	78	77	78	81	84	88	89	89	84	9-11
Brno/Tuřany.....	0700	90	89	85	79	78	77	81	85	87	90	89	90	85	11-12
Kojetice.....	0700	91	90	84	77	75	76	76	79	85	89	90	91	84	11-12
Ostrava.....	0700	89	91	89	84	82	81	82	85	89	91	91	91	87	10-11
Uherský Brod*.....	0700	84	84	75	71	71	72	76	77	80	84	85	86	79	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	0700	78	78	74	80	87	86	87	85	81	75	79	82	82	7-8
Lomnický štít.....	0700	81	84	81	87	88	86	85	83	77	76	79	87	83	5-7
Špičák.....	0700	91	90	87	84	82	81	83	87	91	93	91	92	88	7-9
Western Hills and Plains:															
Břežany.....	1400	77	73	62	53	53	52	54	53	57	66	73	80	63	25
Čáslav.....	1400	80	74	64	55	54	55	55	57	58	68	78	84	65	25
České Budějovice.....	1400	78	73	64	60	59	58	59	58	60	68	77	81	66	25
Chotín.....	1400	84	79	68	61	60	58	59	59	62	71	82	87	69	25
Hradec Králové.....	1300	82	80	66	55	59	54	57	58	59	67	80	84	67	4-6
Jevíčko.....	1400	81	76	66	59	57	58	59	58	62	71	83	84	68	25
Liberec.....	1400	82	77	67	62	58	59	60	62	63	72	82	85	69	25
Mariánské Lázně.....	1400	84	78	67	60	57	57	59	59	62	73	84	87	69	25
Město Albrechtice.....	1400	77	73	67	61	59	60	60	60	61	69	76	80	67	25
Milčkovka.....	1400	90	86	76	67	65	65	66	66	70	81	92	92	76	25
Panov.....	1400	88	83	79	77	73	72	73	75	75	80	87	88	79	25
Plzeň.....	1400	82	74	65	58	55	54	54	53	57	68	80	84	65	25
Plzeň/Dobruška.....	1300	81	80	67	60	63	55	54	55	60	69	79	85	67	3-4
Prácheň.....	1400	88	90	85	81	79	78	77	79	82	87	92	91	84	25
Prague.....	1400	75	67	56	48	47	47	49	52	62	62	73	78	58	25
Prague/Ruzyně.....	1300	81	79	66	56	56	57	59	58	60	68	80	84	67	11-12
Příbram.....	1300	87	84	74	62	61	62	65	64	62	71	86	89	72	6-7
Rožmitál pod Třemšínem.....	1400	78	70	62	57	54	53	52	54	56	66	78	81	63	25
Štětka*.....	1300	85	83	83	86	87	86	86	88	89	84	86	86	86	10-11
Tábor.....	1400	80	73	64	56	54	55	55	55	58	68	79	84	65	25
Telč.....	1400	84	79	71	62	59	58	58	57	61	72	83	87	69	25
Teplá.....	1400	77	69	60	53	51	51	52	52	55	65	76	80	62	25
Vitkov.....	1400	76	70	58	52	51	50	49	50	52	63	74	80	60	25

See footnote at end of table.

FIGURE 55 (Continued)

REGION AND STATION	HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS RMO
Eastern Lowlands:	(Left)														
Bratislava.....	1400	81	72	60	50	52	51	50	52	53	65	78	82	62	25
Bratislava/Ivanka pri Dunaji.....	1300	78	74	64	54	54	53	56	54	54	61	77	81	64	8-11
Brno.....	1400	76	70	59	50	51	52	51	52	54	64	76	80	61	25
Brno/Tuřany.....	1300	80	76	63	52	52	56	54	54	55	66	77	82	64	11-12
Hurbanovo.....	1400	78	70	58	50	53	52	50	51	52	62	77	82	61	25
Košice.....	1400	80	73	61	54	53	55	54	54	55	64	79	81	64	25
Lučenec.....	1400	79	72	58	50	53	53	50	51	53	63	78	83	62	25
Malacky.....	1400	78	70	62	53	54	52	52	53	55	64	77	79	62	25
Nitra.....	1400	80	72	60	51	53	51	50	52	53	63	78	83	62	25
Opava.....	1400	78	73	65	57	56	55	55	56	57	66	76	81	65	25
Ostrava.....	1400	75	70	60	53	52	53	53	55	57	65	74	78	62	25
Plešany.....	1400	70	70	58	51	53	53	51	52	54	63	76	79	61	25
Přerov.....	1400	80	74	63	55	56	57	57	59	60	68	80	83	66	25
Strážnice.....	1400	74	67	56	49	50	49	49	50	51	61	74	78	59	25
Uzhgorod*.....	1300	76	74	59	52	53	55	55	55	52	59	73	80	62	5-7
Znojmo.....	1400	74	66	57	49	50	50	49	51	53	63	75	78	60	25
Eastern Mountains:															
Banská Štiavnica.....	1400	75	74	63	56	56	57	56	55	58	67	79	80	65	25
Bresno nad Hronom.....	1400	85	80	68	62	60	60	58	59	61	68	82	85	69	25
Bystřička.....	1400	76	72	64	57	58	58	59	59	60	68	77	81	66	25
Kasprowy Wierch*.....	1300	77	77	78	84	85	86	85	86	82	80	78	83	82	7
Lomnický štít.....	1400	78	78	75	82	85	91	90	88	83	77	80	75	82	25
Lysá Hora.....	1400	90	91	83	75	69	71	70	75	74	83	89	92	80	25
Oravský Podzámok.....	1400	74	68	60	54	54	55	53	55	55	62	74	78	62	25
Sliad.....	1400	70	73	64	54	56	54	52	53	55	66	79	82	64	25
Špišská Nová Ves.....	1400	81	76	64	56	57	59	57	58	58	65	79	82	66	25
Starý Smokovec.....	1400	72	71	62	60	59	61	60	61	62	67	77	78	66	25
Trondlanske Toplice.....	1400	80	75	63	59	59	57	57	58	58	67	79	84	66	25
Turčiansky Svätý Martin.....	1400	80	77	67	56	55	57	58	58	59	67	79	83	66	25
Western Hills and Plains:															
České Budějovice.....	1000	87	80	75	68	67	66	66	70	74	82	88	90	77	8-10
Hradec Králové.....	1900	88	87	77	65	70	63	67	69	76	84	89	89	77	3-5
Pleš/Dobruška.....	1900	87	86	75	68	70	63	66	61	71	80	88	89	75	3-4
Praděd.....	1000	91	92	83	90	86	88	87	89	92	89	93	94	90	4-5
Prague/Ruzyně.....	1900	86	86	74	65	65	64	67	67	72	81	88	88	75	11-12
Přibyslav.....	1900	91	91	83	75	71	71	74	75	77	86	92	94	82	7-8
Šnecák*.....	1900	84	84	84	88	90	87	88	88	80	87	87	86	87	10-12
Eastern Lowlands:															
Bratislava/Ivanka pri Dunaji.....	1900	83	80	73	64	63	64	63	65	71	80	86	86	73	9-11
Brno/Tuřany.....	1900	80	83	73	63	62	64	65	66	69	78	85	87	73	11-12
Košice.....	1900	88	80	70	65	67	70	69	79	75	82	87	89	77	11
Ostrava.....	1000	87	86	78	70	70	70	69	73	79	83	87	89	78	10-11
Uzhgorod*.....	1900	81	82	69	62	62	65	67	68	69	76	82	84	72	5-6
Eastern Mountains:															
Kasprowy Wierch*.....	1000	77	76	70	88	89	91	89	90	89	80	80	81	84	7-8
Lomnický štít.....	1900	80	83	83	89	92	91	90	89	82	75	80	87	85	5-7
Sliad.....	1900	88	80	77	68	68	69	66	70	70	82	89	89	77	8-9

* Near but outside Czechoslovakia.

FIGURE 50. MEAN PRECIPITATION (INCHES)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny.....	1.9	1.6	1.6	2.0	2.4	3.0	3.3	2.9	2.0	2.0	1.9	1.9	26.5	50
Čáslav.....	1.3	1.1	1.3	1.9	2.5	2.7	3.2	2.9	1.9	1.8	1.4	1.4	23.2	50
České Budějovice.....	1.0	1.1	1.1	1.8	2.6	3.3	4.0	2.9	2.1	1.8	1.3	1.3	24.4	50
Cheb.....	1.5	1.3	1.3	1.7	2.2	2.6	3.2	2.8	1.8	1.8	1.6	1.5	23.3	50
Hradec Králové.....	1.6	1.3	1.3	1.7	2.3	2.6	3.1	2.8	1.9	1.9	1.7	1.7	23.7	50
Joviško.....	1.5	1.3	1.3	1.7	2.5	2.8	3.5	3.1	2.0	2.0	1.7	1.5	24.8	50
Liberec.....	2.8	2.3	2.2	2.6	3.0	3.8	4.0	4.3	2.8	2.8	2.9	2.7	36.1	50
Litomyšl.....	1.7	1.5	1.7	2.1	2.8	3.2	4.1	3.5	2.3	2.2	2.1	1.8	28.7	50
Mariánské Lázně.....	2.1	1.8	1.7	2.1	2.5	2.9	3.2	3.1	2.1	2.0	2.0	2.1	27.6	50
Město Albrechtice.....	1.5	1.4	1.7	2.3	3.2	3.5	4.0	3.3	2.5	2.4	1.9	1.5	29.1	50
Milešovka.....	1.6	1.3	1.4	1.7	2.3	2.5	2.8	2.4	1.7	1.6	1.5	1.5	22.2	50
Panov.....	3.9	3.6	3.2	3.4	4.2	4.8	6.0	5.0	4.3	4.1	3.2	4.2	50.0	50
Píseň.....	1.0	0.9	1.1	1.5	2.3	2.6	2.9	2.6	1.8	1.4	1.1	1.2	20.4	50
Pohoří na Šumavě.....	1.9	1.9	1.8	2.8	3.7	4.4	5.6	4.6	3.1	2.4	1.9	2.0	36.0	50
Prague.....	0.9	0.8	1.1	1.5	2.4	2.8	2.6	2.2	1.6	1.2	1.2	0.9	19.2	50
Přibyslav.....	1.7	1.5	1.5	1.9	2.5	2.9	3.4	3.0	2.1	2.0	1.7	1.8	26.0	50
Rožmitál pod Třemšínem.....	1.7	1.5	1.6	2.0	2.5	2.6	3.2	2.9	2.0	2.0	1.7	1.8	25.5	50
Slatina nad Zdobnicí.....	2.5	2.0	1.8	2.3	2.7	3.6	4.3	3.9	2.6	2.5	2.5	2.4	33.0	50
Štětka*.....	3.6	3.0	3.0	3.1	4.0	4.8	5.6	5.5	4.3	4.1	3.5	3.8	48.3	50
Tábor.....	1.4	1.2	1.3	1.7	2.5	3.0	3.2	2.8	1.8	1.9	1.5	1.6	23.7	50
Telč.....	1.7	1.5	1.2	1.8	2.4	2.8	3.3	2.7	1.8	1.9	1.7	1.7	24.3	50
Teplíc.....	1.6	1.4	1.2	1.5	2.0	2.2	2.8	2.2	1.5	1.5	1.5	1.5	20.9	50
Vejprty.....	2.7	2.5	2.4	2.6	3.3	3.5	4.1	3.7	2.6	2.8	2.2	2.4	34.9	50
Vitkov.....	1.3	1.2	1.5	2.0	3.1	3.3	4.0	3.6	2.6	2.5	2.0	1.6	28.6	50
Eastern Lowlands:														
Bratislava.....	1.7	1.6	1.7	2.0	2.8	2.3	2.8	2.4	2.1	2.3	2.4	2.3	26.4	50
Brno.....	1.1	0.9	1.1	1.5	2.2	2.8	3.0	2.5	1.7	1.8	1.6	1.4	21.5	50
Hurbanovo.....	1.5	1.3	1.5	1.8	3.5	2.3	2.3	2.0	1.8	2.0	2.0	1.9	22.9	50
Košice.....	1.2	1.2	1.4	1.9	2.8	3.2	3.2	3.0	2.3	2.0	2.2	1.6	26.1	50
Lučenec.....	1.4	1.3	1.5	1.8	2.7	2.5	2.4	2.2	1.9	2.1	2.5	2.0	24.4	50
Malačský.....	1.3	1.3	1.4	1.9	2.6	2.6	3.1	2.7	2.2	2.0	2.0	1.6	24.6	50
Nitra.....	1.4	1.5	1.6	1.7	2.5	2.6	2.3	2.1	1.9	2.0	2.1	1.8	23.4	50
Opava.....	1.0	0.9	1.3	1.8	2.9	3.1	3.8	3.3	2.2	2.0	1.6	1.3	25.2	50
Ostrava.....	1.5	1.4	1.7	2.1	3.2	3.8	4.3	4.1	2.6	2.4	1.8	1.5	30.3	50
Piešťany.....	1.6	1.4	1.5	1.8	2.4	2.6	2.6	2.5	2.0	2.1	2.3	1.9	24.6	50
Přerov.....	1.3	1.1	1.3	1.8	2.6	3.0	3.7	3.3	2.2	2.2	1.8	1.5	25.7	50
Strážnice.....	1.2	1.0	1.3	1.6	2.5	2.6	3.3	3.0	2.0	2.0	1.7	1.4	23.5	50
Ušgorod*.....	1.9	1.7	1.5	2.1	2.7	3.8	3.0	3.3	2.3	2.9	2.8	1.6	29.6	10
Znojmo.....	1.2	1.2	1.1	1.6	2.4	2.9	2.8	2.7	1.7	1.7	1.5	1.5	22.2	50
Eastern Mountains:														
Banská Štiavnica.....	2.0	1.9	2.3	2.6	3.4	3.5	3.3	2.7	2.6	3.0	3.3	2.8	33.4	50
Brosno nad Hronom.....	1.7	1.5	1.8	2.0	3.1	3.3	3.3	2.7	2.3	2.3	2.6	2.0	28.6	50
Bystrá.....	1.5	1.3	1.7	2.2	3.0	3.4	4.1	3.9	2.7	3.6	2.2	1.7	30.3	50
Kasprowy Wierch*.....	3.4	3.5	3.8	6.0	5.8	9.6	8.5	7.8	3.7	3.9	3.8	5.1	64.9	5
Lomnický štít.....	4.7	4.6	3.5	4.9	5.4	6.7	8.1	6.3	4.8	4.9	5.4	6.1	65.6	50
Lysá Hora.....	3.8	3.8	3.9	4.1	5.1	6.9	8.4	7.6	4.7	4.1	3.9	3.9	60.3	50
Medallaboron.....	2.2	1.9	1.7	2.2	2.6	3.7	4.0	3.7	2.6	2.5	2.4	2.3	31.0	50
Oravský Podzámok.....	2.0	1.9	1.9	2.2	3.2	3.9	4.3	4.0	2.9	2.6	2.4	2.0	33.1	50
Šliač.....	1.8	1.6	1.8	2.0	3.1	3.6	3.0	2.5	2.6	2.4	3.0	2.4	29.8	50
Spilská Nová Ves.....	1.0	0.8	1.2	1.6	3.0	3.4	3.5	3.0	2.2	1.8	1.7	1.2	24.5	50
Starý Smokovec.....	2.0	1.7	2.4	2.6	3.7	4.7	5.0	4.4	3.3	2.8	2.6	2.1	37.2	50
Trenčiansko Teplíc.....	2.2	1.9	2.3	2.2	3.2	3.7	3.9	3.3	2.8	2.7	2.9	2.6	33.8	50
Turčiansky Svätý Martin.....	1.9	1.7	1.7	2.0	2.9	3.2	3.5	3.4	2.5	2.4	2.4	2.1	29.9	50

* Near but outside Czechoslovakia.

FIGURE 57. GREATEST AND LEAST PRECIPITATION (INCHES)

REGION AND STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:															
Březina.....	G	4.4	4.4	3.7	4.5	4.5	8.8	7.3	8.9	5.4	6.3	5.6	4.4	33.9	50
	L	0.6	0.1	0.4	0.6	0.5	1.2	0.6	0.4	0.4	0.0	0.2	0.2	16.9	50
Čáslav.....	G	3.3	2.0	2.7	5.1	5.1	6.6	7.4	7.5	6.7	5.3	3.6	2.7	31.9	50
	L	0.4	*	0.2	0.4	0.4	0.7	0.4	0.8	0.5	0.0	0.1	0.2	15.9	50
České Budějovice.....	G	2.9	2.5	2.9	5.5	6.7	7.6	8.9	8.7	5.0	6.9	3.2	3.0	33.2	50
	L	0.2	0.1	0.2	0.4	0.6	1.0	1.0	0.4	0.3	*	*	0.2	16.2	50
Chob.....	G	3.6	2.1	3.4	4.4	5.1	6.8	6.9	5.9	3.9	4.5	4.4	5.6	30.3	50
	L	0.4	0.1	0.3	0.6	0.4	0.6	0.7	0.6	0.4	*	0.1	0.2	15.4	50
Hradec Králové.....	G	3.4	3.9	3.5	4.5	5.0	6.9	7.8	8.2	5.1	5.2	4.4	3.1	35.2	50
	L	0.3	0.0	0.1	0.2	0.3	0.6	0.3	0.6	0.4	0.1	0.1	0.3	15.0	50
Liberec.....	G	6.5	8.9	6.5	5.0	8.0	13.6	9.6	12.7	7.4	12.7	6.7	5.7	51.1	50
	L	0.9	0.5	0.2	0.8	0.9	0.9	1.1	0.7	0.5	0.0	0.2	0.5	23.3	50
Litomyšl.....	G	3.7	4.4	3.8	5.6	5.8	9.1	8.8	11.3	7.8	6.9	5.0	3.3	42.5	50
	L	0.6	0.3	0.1	0.6	0.3	0.6	0.5	1.0	0.2	*	0.1	0.2	15.4	50
Mariánské Lázně.....	G	5.6	6.3	5.0	5.9	5.1	7.6	7.6	8.3	4.5	6.4	5.0	6.0	38.6	50
	L	0.7	0.2	0.3	0.1	0.6	0.4	0.6	0.2	0.5	0.0	0.2	0.2	19.7	50
Město Albrechtice.....	G	4.1	4.6	4.2	5.3	9.4	8.3	9.9	7.3	7.6	7.7	4.8	3.7	45.0	50
	L	0.4	0.2	0.1	0.6	0.2	0.9	1.3	0.9	0.4	0.1	0.1	0.3	15.2	50
Milošovka.....	G	3.5	2.6	3.1	3.1	2.9	5.2	5.9	4.1	4.0	2.5	3.2	3.1	25.2	10
	L	0.7	0.5	0.5	0.7	0.7	1.1	1.2	0.4	1.1	0.0	0.8	0.5	19.9	10
Píseň.....	G	2.	2.6	3.6	3.6	5.2	6.2	6.0	5.7	3.6	4.4	3.5	2.8	28.3	50
	L	0.3	*	0.2	0.5	0.4	0.9	0.4	0.2	0.3	0.0	0.0	0.1	13.9	50
Pohoří na Šumavě.....	G	4.9	4.1	4.4	5.4	9.3	9.1	11.3	11.1	10.2	6.3	3.9	4.9	40.9	50
	L	0.3	0.2	0.2	0.1	0.7	1.2	1.6	0.7	0.3	0.0	0.0	0.3	22.4	50
Prague.....	G	3.0	1.7	2.4	4.1	4.7	7.0	6.9	7.6	4.9	4.1	3.8	3.1	29.4	50
	L	0.2	*	0.2	0.3	0.1	0.4	0.7	0.1	0.1	0.0	0.1	0.2	10.7	50
Přibyslav.....	G	3.7	4.1	3.7	4.5	5.3	8.7	6.8	10.0	7.8	5.1	4.3	3.9	35.3	50
	L	0.4	*	0.1	0.2	0.5	0.7	0.2	0.9	0.4	0.0	0.1	0.2	16.7	50
Rožmitál pod Třemšínem	G	4.3	3.9	4.3	5.2	5.9	6.5	8.5	5.9	7.3	6.7	4.3	4.8	39.7	50
	L	0.6	*	0.4	0.7	0.2	0.9	0.6	*	0.3	0.0	0.0	0.2	17.0	50
Slatina nad Zdobnicí.....	G	5.2	6.2	4.4	6.1	5.2	9.4	7.8	10.8	6.2	8.8	6.4	4.9	45.6	50
	L	0.6	0.3	0.2	0.1	0.4	0.6	0.9	0.8	0.5	0.1	0.1	0.2	22.4	50
Smolčice**.....	G	11.2	12.5	16.0	10.9	8.4	10.0	14.0	15.2	10.8	12.9	6.7	8.5	79.8	50
	L	0.4	0.4	0.6	0.7	0.5	1.2	1.1	1.1	0.8	0.4	0.5	0.7	51.5	50
Tábor.....	G	3.5	3.0	3.9	4.9	5.6	8.6	5.9	8.9	4.3	6.0	3.7	4.4	32.4	50
	L	0.5	*	0.3	0.4	0.7	0.8	0.7	0.3	0.3	0.1	0.0	0.2	16.0	50
Telč.....	G	3.3	5.1	3.4	3.9	5.7	6.6	6.7	6.1	5.0	5.1	3.8	3.9	35.7	50
	L	0.4	0.3	0.1	0.4	0.4	0.5	0.3	0.6	0.2	0.1	0.1	0.3	15.7	50
Teplice.....	G	2.7	2.3	2.8	3.3	3.2	6.4	5.8	4.2	2.1	4.0	3.5	2.3	28.9	10
	L	0.9	0.2	0.3	0.8	0.8	1.1	1.0	0.7	0.2	0.8	0.3	0.2	16.1	10
Vojvřty.....	G	8.5	9.0	9.2	5.7	8.3	11.5	9.7	6.9	5.9	8.7	6.9	6.2	55.2	50
	L	0.9	0.2	0.3	0.7	0.6	1.0	0.4	0.4	0.5	0.0	0.2	0.4	23.5	50
Vítkov.....	G	2.8	3.2	4.3	5.3	8.0	8.6	8.6	7.5	7.2	7.2	5.5	3.4	41.2	50
	L	0.4	0.1	0.3	0.2	0.5	1.2	0.6	1.1	0.4	0.2	0.2	0.3	20.1	50

See footnotes at end of table.

FIGURE 57 (Continued)

REGION AND STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Eastern Lowlands:															
Bratislava.....	G	5.3	6.2	5.7	6.0	10.8	7.0	6.3	6.9	6.9	7.7	8.2	5.5	38.6	50
	L	0.1	0.1	*	*	0.2	0.3	0.4	0.3	0.2	*	0.1	0.2	21.1	50
Brno.....	G	3.0	2.2	3.1	3.0	6.5	6.2	7.3	5.8	5.2	5.1	4.3	3.5	31.3	50
	L	0.3	0.2	0.1	0.2	0.1	0.4	0.3	0.6	0.2	0.0	*	0.5	12.8	50
Hurbanovo.....	G	3.7	4.2	5.4	5.0	6.0	5.7	5.6	6.0	5.8	5.7	4.8	4.0	34.0	50
	L	0.2	0.2	0.1	0.2	0.1	0.1	0.4	*	*	0.1	0.1	0.2	14.6	50
Košice.....	G	4.5	3.3	5.6	4.6	6.6	6.2	6.6	8.7	6.1	5.2	5.8	3.7	40.5	50
	L	0.1	0.2	*	0.3	0.4	0.9	1.1	0.5	0.1	*	0.1	0.4	16.2	50
Lučenec.....	G	3.9	4.0	6.2	4.0	7.8	7.8	6.4	8.5	6.2	6.9	5.0	5.4	36.9	50
	L	0.1	0.0	0.1	0.3	0.5	0.5	0.3	0.2	*	0.1	*	0.4	15.4	50
Malacky.....	G	3.1	3.7	5.5	6.1	5.7	4.5	6.3	6.9	6.7	7.9	7.3	4.2	38.5	50
	L	0.4	0.1	0.1	0.1	0.5	0.2	0.4	0.4	0.4	0.0	0.1	0.2	15.9	50
Nitra.....	G	3.6	3.4	4.7	4.1	6.7	5.9	4.4	4.3	6.4	5.2	5.3	4.0	34.7	50
	L	0.4	0.2	0.2	0.1	0.3	0.2	0.4	0.2	0.0	*	0.1	0.3	15.4	50
Opava.....	G	2.1	2.6	3.4	4.6	6.9	9.0	8.0	8.3	5.6	6.0	4.1	3.1	38.7	50
	L	0.2	0.2	0.2	0.4	0.6	0.6	0.9	1.4	0.5	0.1	0.1	0.2	15.4	50
Ostrava.....	G	3.0	3.3	4.7	4.4	7.4	9.5	8.8	8.5	6.4	6.0	4.4	3.1	41.6	50
	L	0.3	0.2	0.0	0.4	0.5	0.4	0.6	1.3	0.4	0.2	0.1	0.3	19.1	50
Přerov.....	G	3.3	3.1	4.1	3.8	6.5	8.6	7.3	7.0	7.1	6.1	4.6	3.6	38.2	50
	L	0.4	0.2	0.1	0.2	0.7	0.5	0.2	0.6	0.4	0.1	0.1	0.4	14.7	50
Uzhgorod**.....	G	3.4	2.8	3.5	3.9	4.8	6.1	5.9	8.4	3.3	5.6	5.2	3.8	40.4	10
	L	0.6	0.6	0.4	0.9	0.9	2.0	0.8	1.0	0.7	1.0	0.7	0.9	22.2	10
Znojmo.....	G	3.6	3.5	2.8	4.6	7.1	8.6	6.8	12.2	5.4	4.8	4.1	3.3	40.5	50
	L	0.2	0.1	0.1	0.0	0.3	0.4	0.4	0.4	0.1	0.0	*	0.2	12.4	50
Eastern Mountains:															
Banská Štiavnica.....	G	6.9	6.5	6.5	7.3	9.2	8.4	8.0	9.4	7.9	7.6	7.1	7.3	45.9	50
	L	0.1	0.0	0.2	0.2	0.8	0.3	0.7	0.2	0.2	0.4	0.0	0.6	21.5	50
Brezno nad Hronom.....	G	5.2	4.0	6.7	4.0	6.8	8.1	7.0	9.3	5.7	6.5	5.9	4.4	48.7	50
	L	0.2	0.2	0.2	0.4	0.8	0.6	0.7	0.3	0.6	0.3	0.1	0.2	18.9	50
Kasprowy Wierch**.....	G	4.2	5.1	5.6	7.3	8.3	15.0	12.8	14.3	5.0	6.5	4.4	6.2	80.5	5
	L	3.1	0.9	2.1	3.1	4.0	4.4	5.6	4.2	2.0	1.6	3.1	3.4	55.6	5
Lomaleký Štít.....	G	9.0	11.0	6.9	7.8	11.8	13.2	14.8	11.0	7.4	9.6	13.7	11.6	79.9	15
	L	1.3	1.5	1.1	2.2	1.9	3.0	2.7	1.9	1.5	0.1	1.3	2.0	34.3	15
Medzilavce.....	G	5.9	4.7	5.8	5.4	5.0	8.5	8.9	13.3	6.5	6.1	5.9	5.9	48.8	50
	L	0.5	0.4	*	0.2	0.2	0.5	0.3	1.5	0.4	0.1	0.0	0.5	20.7	50
Oravský Podzámok.....	G	5.5	6.4	4.1	6.7	8.3	7.6	11.0	9.0	7.6	5.4	7.8	4.5	45.6	50
	L	0.2	0.1	0.1	0.4	0.6	1.2	0.3	1.0	0.4	0.1	0.2	0.2	22.0	50
Spišská Nová Ves.....	G	4.6	2.0	5.8	3.5	8.7	6.3	8.4	7.5	5.1	4.6	4.3	3.9	34.7	50
	L	*	0.1	0.1	0.2	0.6	1.0	0.6	1.0	*	0.1	*	0.2	13.2	50
Starý Smokovec.....	G	5.7	4.7	6.4	5.9	7.9	8.7	12.1	8.9	8.0	6.2	6.1	4.9	47.1	50
	L	0.1	0.3	0.2	0.6	1.4	1.5	1.1	1.6	0.4	0.4	0.2	0.5	20.8	50

NOTE G—greatest precipitation; L—least precipitation.

* <0.05 inch.

** Near but outside Czechoslovakia.

FIGURE 58. MAXIMUM 24-HOUR PRECIPITATION (INCHES)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny	1.3	0.9	1.5	2.1	1.3	3.1	2.5	2.6	2.2	1.9	1.6	1.1	3.1	49
Čáslav	0.7	0.9	0.9	1.0	2.4	2.6	2.5	2.2	1.9	1.9	1.2	1.1	2.6	50
České Budějovice	0.9	1.3	1.2	1.3	1.6	2.6	2.2	5.0	1.4	1.7	1.5	1.2	5.0	50
Chob.	0.8	1.2	0.8	0.7	1.8	2.9	1.9	2.5	1.2	1.1	1.5	1.0	2.9	50
Hradec Králové	1.0	0.7	1.0	2.0	2.1	1.7	2.2	2.1	1.6	1.7	0.8	0.9	2.2	50
Liberec	2.1	1.4	1.1	1.6	3.7	3.4	2.7	5.5	2.7	3.2	2.4	1.2	3.7	45
Litomyšl	1.3	1.5	1.2	1.1	1.8	2.9	2.9	2.6	2.2	1.9	1.0	1.2	2.9	50
Městské Lázně	1.4	1.4	1.2	1.4	2.9	2.2	2.5	2.5	1.4	1.5	1.4	1.2	2.9	45
Město Albrechtice	1.3	1.0	1.4	1.8	2.3	2.4	3.4	2.2	2.6	2.1	1.8	1.6	3.4	46
Milošovka	0.8	0.8	1.0	0.8	1.1	1.4	1.4	1.3	1.3	0.6	0.7	0.6	1.4	10
Plzeň	0.6	0.6	0.9	0.7	1.9	2.7	2.3	2.0	1.6	1.5	1.0	0.8	2.7	50
Pohoří na Šumavě	1.3	1.4	0.8	1.9	4.3	2.9	3.4	2.6	3.6	1.4	1.6	1.4	4.3	43
Prague	0.6	0.7	1.0	1.6	2.2	2.7	3.4	2.3	1.8	1.2	1.1	1.7	3.4	50
Přibyslav	1.2	0.9	1.1	1.6	1.6	1.8	2.5	2.6	2.4	1.7	1.0	1.2	2.6	49
Rožmitál pod Třemšínem	1.4	1.1	1.1	1.3	1.8	1.9	2.9	2.6	2.5	2.1	1.3	1.1	2.9	50
Slatina nad Zdobou	1.9	1.3	1.1	1.4	2.2	3.8	5.3	2.7	1.8	1.9	1.2	1.2	5.3	48
Štítná*	1.8	1.5	1.7	4.1	3.9	3.5	7.6	7.2	4.5	4.1	2.4	1.9	7.6	50
Tábor	0.8	1.0	1.5	1.3	1.9	2.4	2.5	2.9	1.7	1.4	0.9	1.2	2.9	50
Telč	1.2	1.7	1.0	1.3	2.7	2.3	2.4	2.2	2.5	1.3	1.6	1.3	2.7	49
Toplice	0.7	0.7	0.7	0.8	1.2	2.3	2.1	1.6	0.7	1.0	1.2	0.4	2.3	10
Vejprty	2.9	3.7	1.5	1.5	2.7	3.8	3.8	2.2	1.4	2.3	1.8	2.0	3.8	50
Vitkov	1.3	0.8	1.3	1.9	2.4	1.7	2.2	3.1	2.4	2.7	1.5	1.1	3.1	46
Eastern Lowlands:														
Bratislava	1.5	1.2	1.6	1.6	2.6	2.5	2.4	1.7	2.5	2.0	2.4	1.8	2.5	48
Brno	1.0	0.8	1.3	1.1	2.3	3.7	2.6	3.6	1.9	1.6	1.3	1.5	3.7	50
Hurbanovo	0.8	1.0	1.3	1.6	2.1	1.9	1.7	3.5	1.8	1.6	1.6	1.4	3.5	50
Košice	1.5	1.3	1.4	1.6	2.4	2.7	2.6	2.5	2.0	2.3	2.0	1.1	2.7	50
Lučenec	1.2	1.3	1.2	1.2	1.7	1.9	2.1	3.0	2.8	2.8	1.3	1.2	3.0	49
Nitra	1.0	1.2	1.1	1.5	2.3	1.7	1.7	1.9	1.7	1.5	1.1	1.2	2.3	35
Opava	1.3	1.1	1.4	2.9	2.2	2.2	3.2	2.4	2.3	1.9	1.3	1.1	3.2	49
Ostrava	1.2	0.8	1.5	1.6	2.7	2.7	3.4	2.7	2.3	1.9	1.4	0.9	3.4	50
Přerov	1.7	1.5	1.4	2.0	2.3	3.0	2.8	2.4	2.8	1.8	1.4	1.3	3.0	50
Uzhgorod*	0.9	0.8	0.8	1.7	2.0	2.0	1.5	2.6	1.6	1.4	0.9	0.7	2.6	10
Znojmo	0.9	1.6	1.9	1.8	1.7	2.9	3.0	2.8	1.7	1.3	1.4	1.6	3.0	43
Eastern Mountains:														
Banská Štiavnica	1.7	2.2	1.9	2.6	1.9	3.2	2.5	2.1	1.9	2.1	1.8	2.2	3.2	49
Brezno nad Hronom	1.6	1.2	0.9	1.1	1.8	2.3	1.9	2.9	2.7	1.4	1.8	1.2	2.9	39
Kasprowy Wierch*	0.7	0.7	1.2	2.3	1.3	4.1	1.8	3.0	2.1	1.1	1.1	1.0	4.1	5
Lomnický štít	1.4	2.5	1.0	1.1	1.7	3.2	4.6	2.8	2.2	2.4	1.8	2.3	4.6	15
Lysá Hora	2.4	2.7	2.5	4.3	5.3	5.7	7.9	6.6	3.8	2.9	2.3	2.6	7.9	43
Medzilaborce	1.0	1.1	1.7	1.7	2.2	1.8	1.9	3.7	2.3	1.8	1.8	1.1	3.7	45
Oravský Podzámok	1.8	1.3	1.1	1.6	1.8	2.1	3.0	2.6	1.7	1.4	1.6	1.5	3.0	50
Spišská Nová Ves	2.3	0.9	1.8	1.2	2.4	3.2	2.5	1.9	1.9	2.4	1.7	0.9	3.2	49
Starý Smokovec	2.5	1.4	1.5	2.1	2.0	2.7	3.1	3.5	2.3	1.6	1.5	1.2	3.5	44

* Near but outside Czechoslovakia.

Figure 59. 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
Western Hills and Plains:														
Březiny	15	13	12	14	13	13	14	14	11	13	13	15	161	50
Čáslav	14	12	12	14	13	14	14	13	11	12	13	14	157	50
České Budějovice	10	9	10	11	12	13	13	13	10	10	10	11	133	50
Chob.	17	14	14	15	14	15	16	16	13	16	15	16	180	50
Hradec Králové	15	12	12	13	12	12	13	13	11	13	14	15	152	50
Jevíčko	16	13	13	15	13	14	14	14	12	12	15	17	167	50
Liberec	17	15	14	15	14	14	16	15	12	13	15	17	177	50
Litomyšl	14	12	12	13	13	13	13	13	10	11	13	13	149	50
Mariánské Lázně	16	14	13	14	13	14	14	14	12	12	14	16	164	50
Milešovka	18	16	14	15	14	15	15	15	13	16	16	19	185	50
Písek	13	11	10	12	13	14	14	14	12	12	12	13	149	50
Pohoří na Šumavě	14	14	12	13	14	15	16	14	12	10	11	13	157	50
Prague	12	12	13	12	13	14	14	12	11	11	13	13	150	70
Příbrav	15	12	12	13	13	13	14	13	11	11	12	14	153	50
Rožmital pod Třemšínem	13	11	11	12	12	12	13	12	10	11	12	12	142	50
Slatina nad Zdobnoš	14	13	11	12	12	13	15	13	11	13	14	15	156	50
Štětka*	22	21	21	21	19	19	20	20	19	22	22	23	249	50
Tábor	15	13	13	14	14	14	14	14	12	13	14	16	168	50
Telš.	14	13	11	13	13	13	14	13	11	12	13	15	155	50
Teplíc	14	13	12	13	13	12	14	13	11	13	13	15	155	50
Vejprty	16	14	13	14	14	14	15	14	13	13	13	14	166	50
Vítkov	14	13	12	13	13	14	14	13	12	13	13	14	157	50
Eastern Lowlands:														
Bratislava	12	10	10	11	11	10	11	10	9	10	12	14	130	50
Brno	12	11	10	12	13	13	13	12	10	12	13	15	145	50
Hurbanovo	13	11	11	12	12	12	11	10	10	11	14	16	144	50
Koňice	11	10	10	11	12	13	12	11	9	10	12	12	134	50
Lučenec	11	10	11	12	13	12	11	10	9	11	13	13	136	50
Malacky	9	9	9	10	10	10	10	10	9	9	10	10	115	50
Nitra	11	11	11	10	12	11	11	10	10	10	13	14	132	50
Opava	13	12	12	13	13	14	14	14	11	12	12	13	154	50
Ostrava	18	14	14	15	14	15	15	16	13	15	14	16	177	50
Pičáňany	14	12	11	12	12	13	13	12	10	11	14	17	153	50
Přerov	14	12	12	13	13	14	14	13	11	13	13	15	156	50
Strážnice	11	10	9	11	11	12	12	12	9	10	11	12	130	50
Uzhgorod*	13	12	10	12	12	15	12	12	11	11	13	13	146	10
Znojmo	11	10	9	11	11	12	12	11	9	10	11	12	130	50
Eastern Mountains:														
Banská Štávnica	12	11	12	13	13	13	11	10	10	11	12	14	142	50
Brozno nad Hronom	11	10	10	11	13	13	11	10	9	10	13	13	134	50
Bystřička	15	15	15	15	15	16	15	15	12	13	15	17	177	50
Kasprowy Wierch*	22	19	16	20	21	20	19	17	13	13	16	21	217	5-7
Lomnický štít	19	17	19	19	20	20	19	16	15	14	20	18	216	50
Medzilaborce	12	10	10	10	10	11	13	13	10	10	11	13	131	50
Oravský Podzámok	13	13	13	13	15	16	16	16	14	13	14	14	168	50
Šliač	11	10	10	10	12	11	11	9	8	8	12	12	123	50
Spišská Nová Ves	9	8	9	10	12	13	12	11	9	9	10	10	122	50
Starý Smokovec	14	14	15	17	17	17	17	16	13	13	15	17	185	50
Trončianske Teplice	15	12	11	12	9	11	13	14	10	10	14	15	146	50
Turčiansky Svätý Martin	13	11	12	12	14	14	14	13	11	12	13	14	152	50

* Near but outside Czechoslovakia.

FIGURE 60. MEAN NUMBER OF DAYS WITH PRECIPITATION ≥ 0.4 INCH

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny	1	1	1	1	2	2	3	2	1	1	1	1	17	50
Čáslav	*	*	1	1	2	2	2	2	1	1	1	1	14	50
České Budějovice	*	1	1	1	2	3	3	2	1	1	1	1	15	50
Chob.	*	1	1	1	1	2	3	2	1	1	1	1	14	50
Hradec Králové	1	1	1	1	2	2	3	2	1	1	1	1	15	50
Jevíčko	1	*	1	1	2	2	3	2	1	1	1	*	16	50
Liberec	2	1	1	2	2	3	3	3	2	2	2	2	25	50
Litomyšl	1	1	1	1	2	3	3	3	2	2	1	1	20	50
Marjánké Lázně	1	1	1	1	2	2	2	2	1	1	1	1	17	50
Milešovka	1	*	1	1	2	2	2	2	1	1	1	*	12	50
Píseň	*	*	*	2	1	2	2	2	1	1	*	*	11	50
Pohoří na Šumavě	1	1	1	2	3	4	4	4	3	2	1	1	27	50
Prague	*	*	*	1	2	2	2	2	1	1	1	*	11	50
Příbrav	1	1	1	1	2	2	3	2	1	1	1	1	17	50
Rožmitál pod Třemšínem	1	1	1	1	2	2	2	2	1	2	1	1	17	50
Slatina nad Zdobnicí	2	1	1	2	2	3	4	3	2	2	2	2	25	50
Štítná**	2	1	1	2	3	4	4	4	3	3	2	2	30	50
Tábor	*	1	*	1	2	2	2	2	1	1	1	1	15	50
Telč	1	1	*	1	2	2	2	2	1	1	1	1	15	50
Teplíc	1	1	1	1	1	2	2	2	1	1	1	1	12	50
Vojprty	2	2	2	2	2	3	3	3	2	2	2	1	24	50
Vitkov	1	1	1	1	3	3	3	3	2	2	1	1	20	50
Eastern Lowlands:														
Bratislava	1	1	1	1	2	2	2	2	2	2	2	1	18	50
Brno	*	*	1	1	2	2	3	2	1	1	1	1	14	50
Hurbanovo	1	1	1	1	2	2	2	2	1	2	2	1	16	50
Košice	1	1	1	1	2	2	3	2	2	2	2	1	19	50
Lučenec	1	1	1	1	2	2	2	2	1	2	2	1	18	50
Malacky	1	1	1	1	2	2	3	3	2	2	2	1	18	50
Nitra	1	1	1	1	2	2	2	2	2	1	1	1	16	50
Opava	*	*	1	1	2	3	3	3	2	1	1	1	18	50
Ostrava	*	*	1	1	2	4	4	3	2	2	1	1	20	50
Plešany	1	1	1	1	2	2	2	2	2	2	2	1	17	50
Přerov	*	*	1	1	2	2	3	3	2	2	1	1	18	50
Střešínec	1	*	1	1	2	2	3	2	1	2	1	1	16	50
Znojmo	1	1	1	1	2	2	2	2	1	1	1	1	14	50
Eastern Mountains:														
Banská Štiavnica	2	1	2	2	3	3	3	2	2	3	3	2	27	50
Brozno nad Hronem	1	1	1	1	2	3	3	2	2	2	2	1	21	50
Bystřice	1	1	1	2	2	3	4	3	2	2	2	1	23	50
Lomnický Štít	4	3	2	3	3	6	6	5	4	3	5	4	47	50
Lysá Hora	3	3	3	3	3	6	6	6	4	4	3	3	48	50
Medzilaborce	1	1	1	2	2	3	4	3	2	2	1	2	24	50
Oravský Podzámok	2	2	1	2	4	5	5	5	4	3	2	2	37	50
Šliach	1	1	1	2	3	3	2	2	2	2	2	2	22	50
Spilská Nová Ves	*	*	1	1	3	3	3	3	2	1	1	1	18	50
Starý Smokovec	1	1	1	2	3	4	4	3	3	2	2	1	26	50
Trondžianske Toplice	1	1	1	1	2	2	2	2	2	1	1	1	16	50
Turčiansky Svätý Martin	1	1	1	2	2	3	3	3	2	2	2	1	22	50

* <0.5 day.

** Near but outside Czechoslovakia.

FIGURE 61. MEAN NUMBER OF DAYS WITH SNOWFALL

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny.....	9	7	6	2	*	0	0	0	0	*	3	8	35	30
Čáslav.....	10	8	6	3	1	0	0	0	0	1	3	8	39	30
České Budějovice.....	8	7	6	2	*	0	0	0	0	1	3	8	34	30
Chob.....	12	10	7	4	*	0	0	0	*	1	5	10	49	30
Hradec Králové.....	10	8	5	2	*	0	0	0	0	1	3	8	37	30
Jevíčko.....	12	11	7	3	1	0	0	0	0	1	5	10	50	30
Liberec.....	14	12	10	4	1	0	0	0	0	2	6	13	61	30
Litomyšl.....	7	6	4	2	*	0	0	0	0	1	3	5	28	30
Mariánské Lázně.....	13	10	7	4	1	0	0	0	0	2	5	11	52	30
Milčovka.....	16	14	10	7	2	*	0	0	*	4	8	14	75	30
Píseň.....	9	8	5	2	*	0	0	0	0	1	3	8	35	30
Pohoff na Šumavě.....	12	12	10	8	2	*	0	0	1	4	7	11	66	30
Prague.....	7	7	6	2	*	0	0	0	0	1	2	6	32	30
Přibyslav.....	12	9	7	3	1	0	0	0	0	2	4	10	48	30
Rožmital pod Třemšínem.....	10	9	7	4	1	0	0	0	*	2	5	9	46	30
Slatina nad Zdobnicí.....	11	9	7	3	1	0	0	0	*	2	5	10	48	30
Štětka**.....	17	16	15	14	6	3	0	0	3	9	14	16	113	30
Tábor.....	13	10	7	3	1	0	0	0	*	2	5	11	52	30
Telš.....	11	9	7	3	*	0	0	0	*	1	4	9	44	30
Teplíc.....	10	9	6	2	*	0	0	0	0	1	3	8	38	30
Vejprty.....	14	13	9	7	2	*	0	0	*	3	7	11	66	30
Vitkov.....	10	9	6	3	*	0	0	0	*	1	4	9	43	30
Eastern Lowlands:														
Bratislava.....	8	7	4	1	*	0	0	0	0	1	3	7	30	30
Brno.....	9	8	4	1	*	0	0	0	0	1	3	8	34	30
Hurbanovo.....	8	7	4	*	*	0	0	0	0	*	2	6	27	30
Koalice.....	9	7	4	1	*	0	0	0	*	*	1	6	29	30
Lučenec.....	7	6	2	1	*	0	0	0	0	*	2	5	24	30
Malacky.....	6	6	3	1	*	0	0	0	0	*	2	5	23	30
Nitra.....	7	6	4	1	0	0	0	0	0	*	2	6	26	30
Opava.....	10	10	6	2	*	0	0	0	0	1	4	8	41	30
Ostrava.....	13	11	8	2	1	0	0	0	0	1	4	10	50	30
Piešťany.....	9	6	4	1	*	0	0	0	0	*	2	7	29	30
Přerov.....	10	9	5	1	*	0	0	0	0	1	3	8	37	30
Strážnice.....	7	5	4	1	*	0	0	0	0	*	2	6	24	30
Znojmo.....	8	6	4	1	*	0	0	0	0	1	2	6	27	30
Eastern Mountains:														
Banská Štiavnica.....	9	9	6	2	*	0	0	0	*	1	4	8	38	30
Brezno nad Hronom.....	9	8	4	2	*	0	0	0	0	1	4	8	35	30
Bystřička.....	12	12	8	3	1	0	0	0	*	1	6	11	53	30
Lomnický štít.....	19	16	17	19	16	9	5	4	6	11	17	19	157	17
Lysá Hora.....	14	14	13	10	2	1	0	0	1	6	9	13	82	30
Medzilaborce.....	10	9	6	1	*	0	0	0	*	*	4	8	38	30
Oravský Podzámok.....	11	11	8	3	*	0	0	0	*	2	6	10	51	30
Šliach.....	8	7	4	1	0	0	0	0	0	1	3	7	31	30
Špišská Nová Ves.....	7	6	5	1	*	0	0	0	*	1	3	6	28	30
Starý Smokovec.....	14	15	13	8	1	*	0	0	1	4	9	13	78	30
Trenčiansko Teplice.....	11	9	6	1	*	0	0	0	0	1	4	9	41	30
Turčiansky Svätý Martin.....	9	7	6	1	*	0	0	0	*	1	3	7	34	30

NOTE A day with snowfall is defined as a day with a snowfall amount ≥ 0.04 inch.

* <0.5 day.

** Near but outside Czechoslovakia.

FIGURE 62. DATES OF FIRST AND LAST SNOWFALL.

REGION AND STATION	FIRST SNOWFALL			LAST SNOWFALL			YRS REC
	Earliest	Mean	Latest	Earliest	Mean	Latest	
Western Hills and Plains:							
Březina	na	12 Nov	na	na	20 Apr	na	30
Čáslav	12 Oct	7 Nov	16 Dec	8 Mar	16 Apr	25 May	30
Chob.	23 Sep	31 Oct	3 Dec	10 Mar	21 Apr	14 May	30
Hradec Králové	12 Oct	11 Nov	6 Dec	5 Mar	8 Apr	13 May	30
Jevíčko	2 Oct	2 Nov	7 Dec	24 Mar	24 Apr	31 May	30
Liberec	1 Oct	1 Nov	5 Dec	23 Mar	26 Apr	16 May	30
Litomyšl	12 Oct	11 Nov	18 Dec	24 Feb	8 Apr	13 May	30
Mariánské Lázně	6 Oct	31 Oct	3 Dec	27 Mar	20 Apr	19 May	30
Milčkovka	21 Sep	19 Oct	1 Dec	9 Apr	6 May	19 Jun	30
Pohodí na Šumavě	22 Sep	20 Oct	13 Nov	8 Apr	6 May	17 Jun	30
Prague	1 Oct	8 Nov	15 Dec	10 Feb	15 Apr	14 May	30
Přibyslav	8 Oct	31 Oct	11 Dec	5 Mar	27 Apr	27 May	30
Rožmitál pod Třemšínem	20 Sep	27 Oct	3 Dec	21 Mar	25 Apr	23 May	30
Slatina nad Zdobnicí	13 Sep	27 Oct	6 Dec	10 Mar	21 Apr	26 May	30
Tábor	30 Sep	28 Oct	3 Dec	22 Mar	23 Apr	24 May	30
Telč	28 Sep	4 Nov	10 Dec	20 Mar	21 Apr	13 May	30
Teplíc	1 Oct	7 Nov	17 Dec	15 Mar	10 Apr	14 May	30
Vejprty	21 Sep	20 Oct	1 Dec	5 Apr	7 May	22 Jun	30
Vitkov	24 Sep	28 Oct	16 Dec	27 Mar	22 Apr	27 May	30
Eastern Lowlands:							
Bratislava	12 Oct	11 Nov	8 Dec	1 Mar	5 Apr	2 May	30
Brno	15 Oct	14 Nov	17 Dec	14 Feb	8 Apr	14 May	30
Hurbanovo	25 Oct	15 Nov	7 Dec	10 Feb	26 Mar	2 May	30
Koalice	27 Sep	11 Nov	17 Dec	6 Mar	4 Apr	5 May	30
Ladonice	21 Oct	18 Nov	27 Dec	13 Feb	28 Mar	3 May	30
Malačsky	24 Oct	12 Nov	16 Dec	5 Feb	25 Mar	2 May	30
Nitra	21 Oct	17 Nov	17 Dec	16 Feb	25 Mar	25 Apr	30
Opava	8 Oct	4 Nov	16 Dec	20 Mar	14 May	28 May	30
Opatava	8 Oct	5 Nov	6 Dec	na	18 Apr	24 May	30
Plešany	20 Oct	15 Nov	18 Dec	14 Feb	30 Mar	11 May	30
Přerov	12 Oct	9 Nov	17 Dec	8 Mar	7 Apr	13 May	30
Strážnice	12 Oct	13 Nov	27 Dec	19 Feb	5 Apr	10 May	30
Znojmo	20 Oct	15 Nov	27 Dec	6 Mar	8 Apr	17 May	30
Eastern Mountains:							
Banská Štýrvnice	24 Sep	4 Nov	7 Dec	13 Mar	15 Apr	24 May	30
Brezno nad Hronom	15 Oct	4 Nov	27 Nov	26 Feb	11 Apr	16 May	30
Bystřice	25 Sep	30 Oct	6 Dec	12 Mar	20 Apr	18 May	30
Lomnický štít	*	"	*	*	*	*	17
Lysá Hora	10 Sep	30 Sep	25 Oct	24 Apr	20 May	27 Jun	30
Medzilaborce	26 Sep	9 Nov	19 Dec	10 Mar	3 Apr	14 May	30
Oravský Podzámok	1 Sep	22 Oct	22 Nov	19 Mar	20 Apr	25 May	30
Slnač	15 Oct	8 Nov	6 Dec	14 Mar	4 Apr	30 Apr	30
Spíšská Nová Ves	20 Sep	3 Nov	25 Dec	12 Mar	12 Apr	1 May	30
Starý Smokovec	16 Sep	5 Oct	5 Dec	30 Mar	2 May	19 Jun	30
Trenčiansko Teplíc	15 Oct	6 Nov	na	na	9 Apr	22 May	30
Turčiansky Svätý Martin	24 Sep	2 Nov	6 Dec	na	9 Apr	2 May	30

NOTE: Snowfall is defined as a snowfall amount ≥ 0.04 inch.

na Data not available.

* Snowfall has occurred in each month of the year.

FIGURE 63. 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
Western Hills and Plains:														
Březiny	15	13	6	*	0	0	0	0	0	*	1	7	43	30
Čáslav	14	12	5	*	0	0	0	0	0	*	2	9	42	30
Chob.	17	14	8	1	0	0	0	0	0	*	2	13	55	30
Hradec Králové	17	15	6	*	0	0	0	0	0	*	2	10	51	30
Jeviško	20	17	8	1	0	0	0	0	0	1	3	12	61	30
Liberec	23	21	12	1	*	0	0	0	0	1	4	18	80	30
Litomyšl	16	13	6	*	0	0	0	0	0	*	2	10	48	30
Marlánské Lázně	22	18	10	2	*	0	0	0	0	1	4	18	74	30
Milečovka	27	24	18	5	1	0	0	0	*	2	10	24	110	30
Píseň	12	11	1	*	0	0	0	6	0	*	2	10	37	30
Pohoff na Šumavě	31	28	28	11	1	0	0	0	*	4	12	23	136	30
Prague	11	9	4	*	0	0	0	0	0	*	1	7	33	30
Přibyslav	21	17	11	1	*	0	0	0	0	*	3	14	67	30
Rožmitál pod Třemšínem	18	14	9	1	*	0	0	0	0	1	3	16	62	30
Slatina nad Zdobnicí	24	21	11	1	*	0	0	0	0	*	4	16	77	30
Štětka**	20	28	31	20	9	1	0	0	2	10	22	28	186	30
Tábor	20	16	8	1	*	0	0	0	0	*	3	16	63	30
Telč	22	17	10	1	0	0	0	0	0	1	3	18	72	30
Teplice	17	14	6	*	*	0	0	0	0	*	2	10	49	30
Vejprty	27	25	20	7	1	0	0	0	*	2	9	23	113	30
Vitkov	22	20	12	1	*	0	0	0	0	1	5	15	76	30
Eastern Lowlands:														
Bratislava	16	12	4	*	0	0	0	0	0	*	1	10	42	30
Brno	18	13	4	*	0	0	0	0	0	*	1	10	47	30
Hurbanovo	14	11	3	*	0	0	0	0	0	0	1	9	38	30
Košice	19	15	5	*	0	0	0	0	0	*	3	11	53	30
Lučence	21	16	5	*	0	0	0	0	0	*	2	13	56	30
Malacky	15	13	4	*	0	0	0	0	0	*	2	11	44	30
Nitra	14	10	2	0	0	0	0	0	0	*	1	9	37	30
Opava	18	15	7	1	0	0	0	0	0	1	2	11	55	30
Ostrava	19	15	7	1	0	0	0	0	0	*	3	12	57	30
Piešťany	16	10	3	*	0	0	0	0	0	*	1	10	41	30
Přerov	17	13	5	*	0	0	0	0	0	*	2	10	46	30
Strážnice	12	9	4	*	0	0	0	0	0	*	1	7	33	30
Znojmo	19	13	5	*	0	0	0	0	0	*	1	11	40	30
Eastern Mountains:														
Banská Štávnica	25	24	12	1	*	0	0	0	0	1	4	14	80	30
Brno nad Hronom	27	23	10	*	0	0	0	0	0	*	4	17	81	30
Bystřička	22	21	11	1	0	0	0	0	0	1	4	15	75	30
Lomnický štít	31	28	30	29	24	8	3	3	6	15	28	30	230	17
Lysá Hora	30	28	30	23	3	*	0	0	1	7	18	27	108	30
Medzilaborce	26	23	12	1	0	0	0	0	0	*	4	16	82	30
Oravský Podzámok	28	24	15	2	*	0	0	0	*	1	5	18	93	30
Sliač	25	21	9	*	0	0	0	0	0	*	3	14	72	30
Spišská Nová Ves	22	19	8	1	0	0	0	0	0	*	4	14	68	30
Starý Smokovec	30	27	23	6	*	0	0	0	*	3	11	25	126	30
Trenčianske Teplice	21	17	8	*	0	0	0	0	0	*	2	13	62	30
Turčiansky Svätý Martin	23	20	9	*	*	0	0	0	*	*	3	15	70	30

NOTE: A day with snow cover is defined as a day with a consistent layer of snow at least 0.4 inch in depth in the neighborhood of the observation station.

* < 0.5 day.

** Near but outside Czechoslovakia.

FIGURE 64. DATES OF BEGINNING AND END OF SNOW COVER*

REGION AND STATION	BEGINNING OF SNOW COVER			END OF SNOW COVER			YRS REC
	Earliest	Mean	Latest	Earliest	Mean	Latest	
Western Hills and Plains:							
Březiny	na	1 Dec	4 Jan	27 Jan	17 Mar	na	30
Čáslav	21 Oct	4 Dec	25 Feb	6 Feb	13 Mar	19 Apr	30
Čeb.	25 Oct	21 Nov	17 Feb	15 Feb	23 Mar	25 Apr	30
Hradec Králové	29 Oct	28 Nov	20 Dec	14 Feb	14 Mar	23 Apr	30
Jevíčko	10 Oct	17 Nov	28 Dec	2 Feb	21 Mar	17 Apr	30
Liberec	2 Oct	16 Nov	16 Dec	27 Feb	1 Apr	4 May	30
Litomyšl	25 Oct	4 Dec	31 Jan	22 Jan	14 Mar	21 Apr	30
Maršánské Lázně	23 Oct	15 Nov	17 Dec	4 Mar	31 Mar	6 May	30
Milčovka	29 Sep	1 Nov	4 Dec	10 Mar	20 Apr	24 May	30
Pohoff na Šumavě	2 ¹ Sep	31 Oct	na	7 Apr	21 Apr	17 May	30
Prague	30 Oct	6 Dec	10 Jan	27 Jan	8 Mar	14 Apr	30
Přibyslav	20 Oct	20 Nov	28 Dec	17 Feb	26 Mar	4 May	30
Rožmitál pod Třemšínem	21 Oct	19 Nov	28 Dec	16 Feb	28 Mar	2 May	30
Slatina nad Zdobnicí	3 Oct	20 Nov	28 Dec	28 Feb	31 Mar	13 May	30
Tábor	21 Oct	21 Nov	5 Jan	27 Feb	27 Mar	2 May	30
Telč	21 Oct	19 Nov	28 Dec	7 Feb	22 Mar	19 Apr	30
Teplíc	29 Oct	1 Dec	9 Jan	10 Feb	22 Mar	1 May	30
Vejprty	23 Sep	2 Nov	na	19 Mar	18 Apr	18 May	30
Vitkov	9 Oct	13 Nov	13 Jan	2 Mar	3 Apr	4 May	30
Eastern Lowlands:							
Bratislava	27 Oct	4 Dec	5 Jan	15 Jan	9 Mar	9 Apr	30
Brno	27 Oct	28 Nov	28 Dec	28 Jan	12 Mar	10 Apr	30
Hurbanovo	11 Nov	5 Dec	10 Jan	28 Jan	5 Mar	1 Apr	30
Koňce	28 Oct	30 Nov	19 Jan	10 Feb	12 Mar	16 Apr	30
Lučaneč	29 Oct	28 Nov	28 Dec	13 Feb	11 Mar	14 Apr	30
Malaoky	27 Oct	20 Nov	5 Jan	20 Jan	11 Mar	23 Apr	30
Nitra	27 Oct	3 Dec	3 Jan	19 Jan	28 Feb	30 Mar	30
Opava	24 Oct	24 Nov	4 Jan	23 Feb	24 Mar	22 Apr	30
Ostava	na	1 Dec	31 Dec	2 Feb	24 Mar	22 Apr	30
Pekřany	28 Oct	3 Dec	4 Jan	4 Feb	8 Mar	10 Apr	30
Přerov	25 Oct	29 Nov	3 Jan	10 Feb	16 Mar	19 Apr	30
Strážnice	27 Oct	2 Dec	20 Jan	3 Feb	9 Mar	12 Apr	30
Znojmo	27 Oct	29 Nov	2 Feb	2 Feb	9 Mar	13 Apr	30
Eastern Mountains:							
Banská Štavnice	25 Oct	15 Nov	12 Dec	1 Mar	20 Mar	15 May	30
Brezno nad Hronom	18 Oct	17 Nov	1 Jan	20 Feb	22 Mar	25 Apr	30
Hystříčka	13 Oct	19 Nov	30 Dec	23 Feb	27 Mar	22 Apr	30
Lomelický Štít	**	**	**	**	**	**	17
Lysá Hora	14 Sep	18 Oct	22 Nov	11 Apr	7 May	2 Jun	30
Medallaborec	20 Oct	21 Nov	20 Dec	26 Feb	24 Mar	24 Apr	30
Oravský Podzámok	27 Sep	7 Nov	7 Dec	13 Mar	2 Apr	3 May	30
Šilač	19 Oct	20 Nov	17 Dec	23 Feb	17 Mar	13 Apr	30
Špičková Nová Ves	10 Oct	15 Nov	17 Dec	24 Mar	29 Mar	30 Apr	30
Starý Smokovec	24 Sep	31 Oct	19 Dec	3 Apr	20 Apr	18 May	30
Trochianske Teplie	26 Oct	26 Nov	31 Dec	17 Feb	17 Mar	17 Apr	30
Turčiansky Svätý Martin	28 Sep	16 Nov	1 Jan	9 Feb	20 Mar	2 May	30

na Data not available.

* Snow cover is defined as a consistent layer of snow at least 0.4 inch in depth in the neighborhood of the observation station.

** Snow cover has occurred in each month of the year.

FIGURE 65. ABSOLUTE MAXIMUM DEPTH OF SNOW (INCHES)

REGION AND STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS REC
Western Hills and Plains:														
Březiny	14.0	27.2	7.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	7.1	9.1	27.2	30
Čáslav	18.1	17.3	16.9	4.3	0.0	0.0	0.0	0.0	0.0	5.5	3.9	9.1	18.1	30
Hradec Králové	24.4	16.5	16.5	0.8	0.0	0.0	0.0	0.0	0.0	0.8	3.2	9.5	24.4	30
Jevíčko	29.9	24.8	17.3	7.1	0.0	0.0	0.0	0.0	0.0	3.9	4.7	11.0	29.9	30
Liberec	41.3	29.5	26.8	15.8	4.7	0.0	0.0	0.0	0.0	3.2	11.8	20.5	41.3	30
Litomyšl	21.7	15.8	15.0	2.8	0.0	0.0	0.0	0.0	0.0	2.0	3.9	11.8	21.7	30
Mariánské Lázně	22.8	21.7	18.5	8.7	na	0.0	0.0	0.0	0.0	3.5	7.5	17.7	22.8	30
Milšovka	31.5	33.5	31.5	20.0	4.7	0.0	0.0	0.0	0.4	13.8	12.6	18.5	33.5	30
Pohoff na Šumavě	53.2	53.5	58.3	22.8	3.9	0.0	0.0	0.0	13.8	21.7	24.4	52.4	58.3	30
Prague	13.8	17.7	16.9	3.5	0.0	0.0	0.0	0.0	0.0	4.3	3.9	9.3	17.7	30
Přibyslav	29.5	28.0	24.8	15.8	0.4	0.0	0.0	0.0	0.0	15.8	10.6	12.6	29.5	30
Rožmitál pod Třemšínem	25.2	25.2	28.4	13.8	1.2	0.0	0.0	0.0	0.0	5.1	5.9	12.6	28.4	30
Slatina nad Zdobnicí	30.7	23.6	14.6	9.8	1.2	0.0	0.0	0.0	0.0	1.6	9.1	15.0	30.7	30
Šneška*	100.4	112.2	110.0	68.9	50.8	4.3	0.0	0.0	16.9	98.4	45.7	98.4	112.2	30
Tábor	16.5	19.3	17.7	5.9	0.8	0.0	0.0	0.0	0.0	5.1	4.7	10.6	19.3	30
Telč	21.7	18.5	16.5	11.8	0.0	0.0	0.0	0.0	0.0	9.8	5.9	13.0	21.7	30
Teplíc	11.0	11.8	8.7	1.2	0.4	0.0	0.0	0.0	0.0	2.0	3.9	9.8	11.8	30
Vejprty	33.1	35.4	43.3	43.3	2.4	0.0	0.0	0.0	1.2	6.7	16.5	20.5	43.3	30
Vítkov	23.6	27.6	32.3	8.7	1.2	0.0	0.0	0.0	0.0	7.9	7.9	9.8	32.3	30
Eastern Lowlands:														
Bratislava	16.1	20.1	14.2	2.8	0.0	0.0	0.0	0.0	0.0	2.0	3.9	11.8	20.1	30
Brno	13.4	14.2	11.0	1.6	0.0	0.0	0.0	0.0	0.0	1.2	1.6	6.7	14.2	30
Hurbanovo	13.4	19.3	11.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	7.1	10.6	19.3	30
Košice	13.0	22.4	11.0	3.5	0.0	0.0	0.0	0.0	0.0	2.0	5.1	12.2	22.4	30
Lučence	20.1	31.5	15.0	3.4	0.0	0.0	0.0	0.0	0.0	2.0	3.9	11.8	27.6	30
Malacky	27.6	20.5	15.0	4.7	0.0	0.0	0.0	0.0	0.0	2.4	3.9	11.8	27.6	30
Nitra	15.8	21.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.7	10.2	21.7	30
Opava	18.9	31.1	18.9	10.2	0.0	0.0	0.0	0.0	0.0	5.9	0.7	11.4	31.1	30
Ostrava	21.7	23.6	15.0	2.0	0.0	0.0	0.0	0.0	0.0	3.9	na	8.7	23.6	30
Plešany	18.1	22.4	13.0	3.9	0.0	0.0	0.0	0.0	0.0	0.8	4.3	8.3	22.4	30
Přerov	12.6	14.2	13.8	1.2	0.0	0.0	0.0	0.0	0.0	2.0	4.3	7.1	14.2	30
Strážnice	13.0	20.5	12.2	1.2	0.0	0.0	0.0	0.0	0.0	1.2	2.8	6.3	20.5	30
Znojmo	31.5	39.4	17.3	5.9	0.0	0.0	0.0	0.0	0.0	5.9	5.1	11.8	39.4	30
Eastern Mountains:														
Banská Štiavnica	27.2	32.3	24.8	7.1	0.8	0.0	0.0	0.0	0.0	5.9	13.8	25.2	32.3	30
Brezno nad Hronom	19.7	27.6	25.6	1.6	0.0	0.0	0.0	0.0	0.0	11.0	7.5	21.3	27.6	30
Bystřička	19.3	19.3	23.6	16.1	0.0	0.0	0.0	0.0	0.0	7.1	12.2	18.5	23.6	30
Lomuloký štít	130.3	127.6	85.4	87.4	60.9	29.5	19.7	20.1	24.4	47.2	60.3	92.5	130.3	17
Lysá Hora	111.4	135.8	149.6	92.5	41.3	3.2	0.0	0.0	48.0	36.2	39.4	103.5	149.4	30
Modulaborce	28.0	31.1	25.6	3.5	0.0	0.0	0.0	0.0	0.0	4.3	12.6	20.5	31.1	30
Oravský Podzámok	20.8	28.0	28.7	9.8	1.2	0.0	3.0	0.0	2.0	4.7	15.0	20.9	28.7	30
Spišské Nové Ves	21.7	23.6	18.9	5.9	0.0	0.0	0.0	0.0	0.0	1.2	6.3	14.2	23.6	30
Starý Smokovec	33.5	29.1	43.3	28.0	3.5	0.0	0.0	0.0	3.9	10.6	15.0	28.0	43.3	30
Turčiansky Svätý Martin	17.3	22.4	17.7	6.3	1.2	0.0	0.0	0.0	0.8	2.0	14.2	17.7	22.4	30

na Data not available.

* Near but outside Czechoslovakia.

E. Comments on principal sources

1. Evaluation

Some of the most recent climatological data for a number of stations in Czechoslovakia were summarized by the Environmental Technical Applications Center, Air Weather Service. Tabular data by specified hours for cloudiness, visibility, relative humidity, and various combinations of weather elements, and the wind-rose and upper-air data were taken from these machine summaries. The data used for these summaries are for variable periods of record, based on observations during the period 1952 through 1963 as well as on a few observations from earlier years. These summarized data are considered reliable.

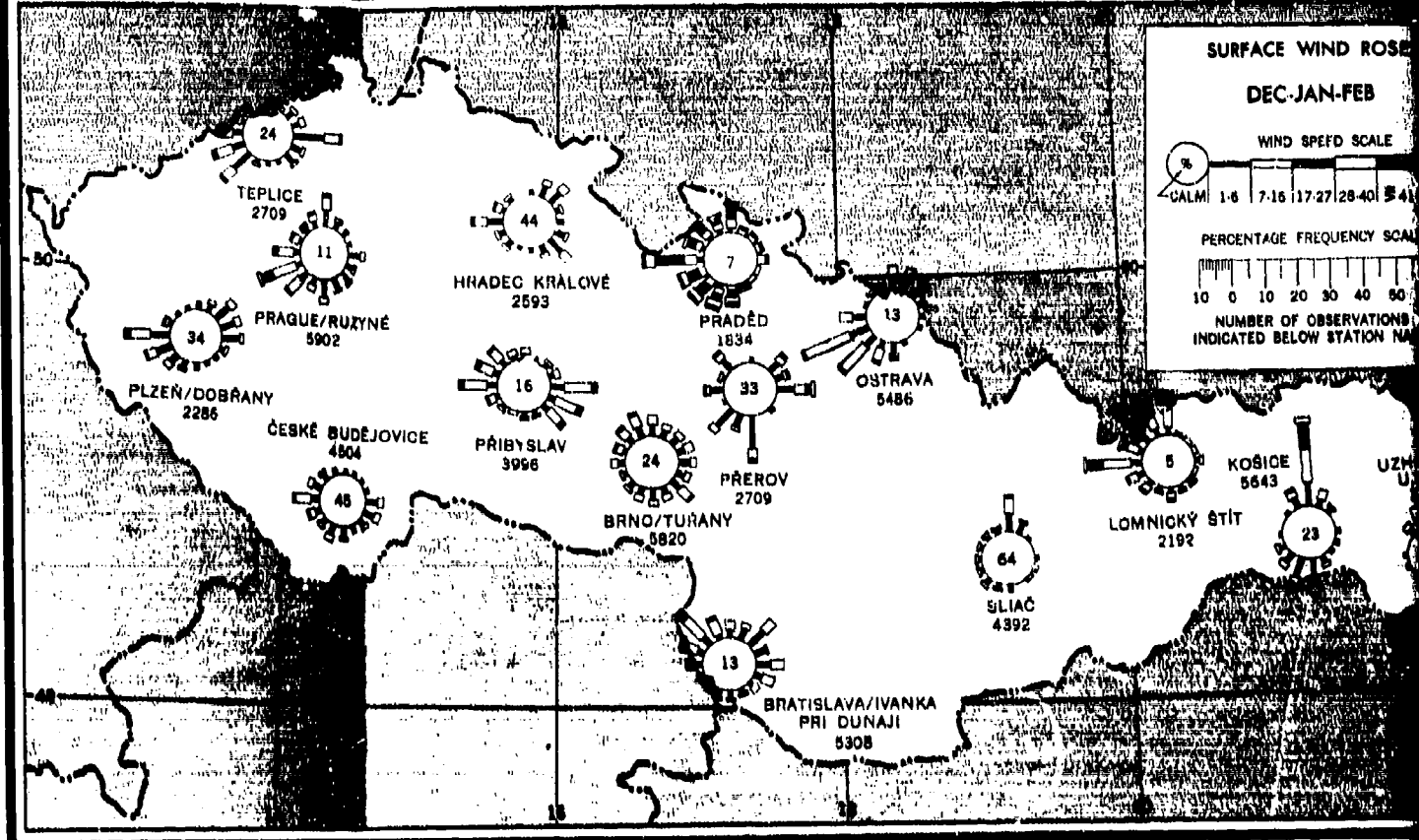
Data in nearly all other tables were taken from *Source 2*, which contains summarized data for several hundred stations. *Source 1* provided background information and was the primary source used in graphical presentations of the areal distribution of various elements. *Sources 3,*

4, 5, and 6 provide background information on climatic conditions.

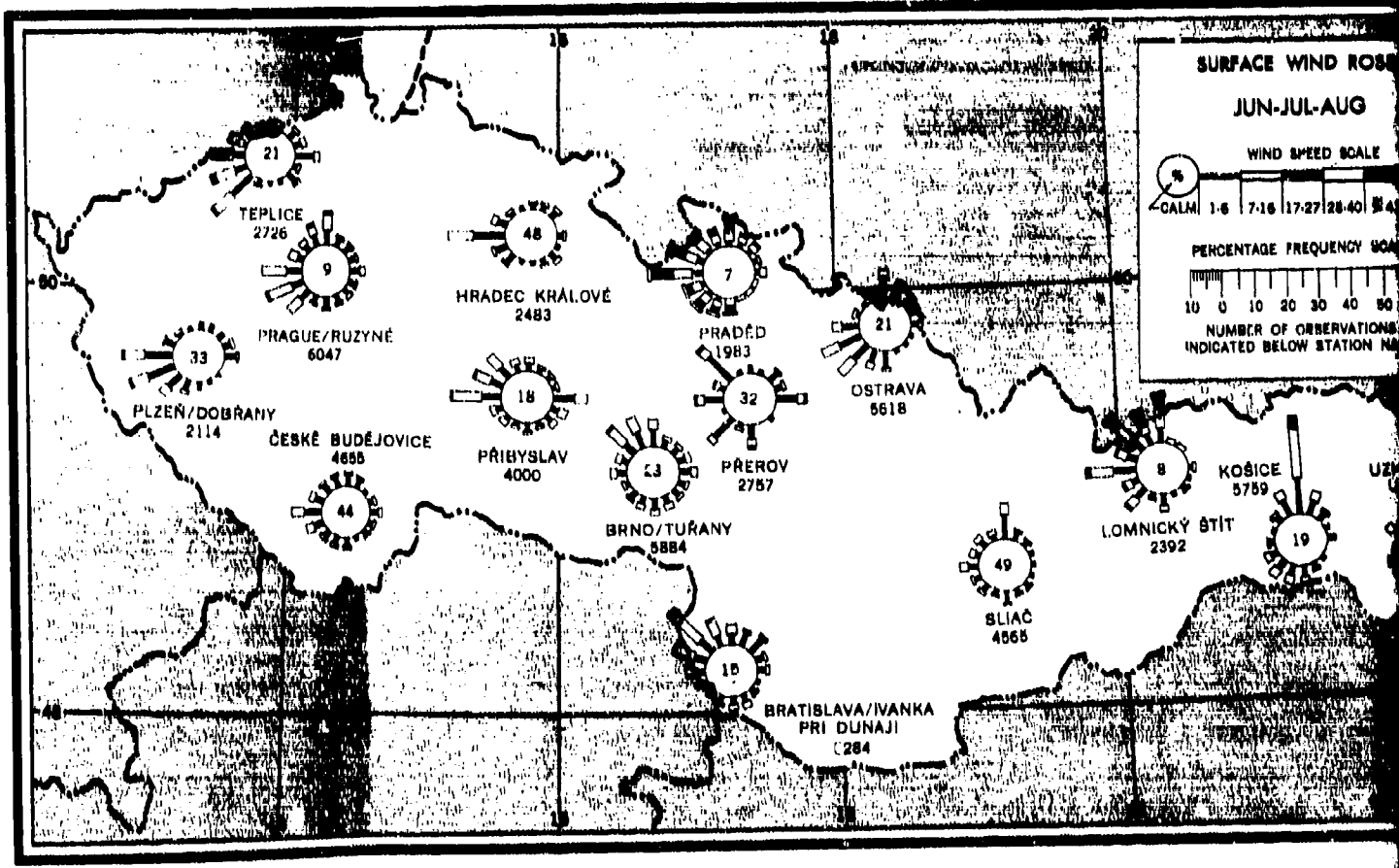
2. List of sources

1. CZECHOSLOVAKIA, ÚSTŘEDNÍ SPRÁVA GEODESIE A KARTOGRAFIE. *Atlas Podnebí Československé Republiky* (Climatic Atlas of the Czechoslovak Republic). Prague 1958.
2. CZECHOSLOVAKIA, VYDÁVÁ HYDROMETEOROLOGICKÝ ÚSTAV. *Podnebí Československé Socialistické Republiky—Tabulky* (Climate of the Czechoslovakian Socialist Republic—Tables). Edited by Josef Zitek. Prague. 1961.
3. GREAT BRITAIN, AIR MINISTRY, METEOROLOGICAL OFFICE. *Meteorological Report on Bohemia, Moravia and Austria*. M.O.M. 365/11. Aviation Meteorological Report No. 11. London. 1943.
4. ———. *Weather in the Mediterranean*. Vol. 1, Second edition. London. 1962.
5. KENDREW, W. G. *The Climate of the Continents*, 5th ed. Oxford University Press. London. 1961.
6. KONČEK, NIKOLAUS. "Schneeverhältnisse der Höhen Tatra" (Snow conditions in the High Tatra), *Berichte des Deutschen Wetterdienstes* (Bulletin of the German Weather Service). Vol. 8, no. 54, p. 132-133. Offenbach. 1959.

UNCLASSIFIED



UN HANONS



WIND ROSES

FEB

WIND SCALE

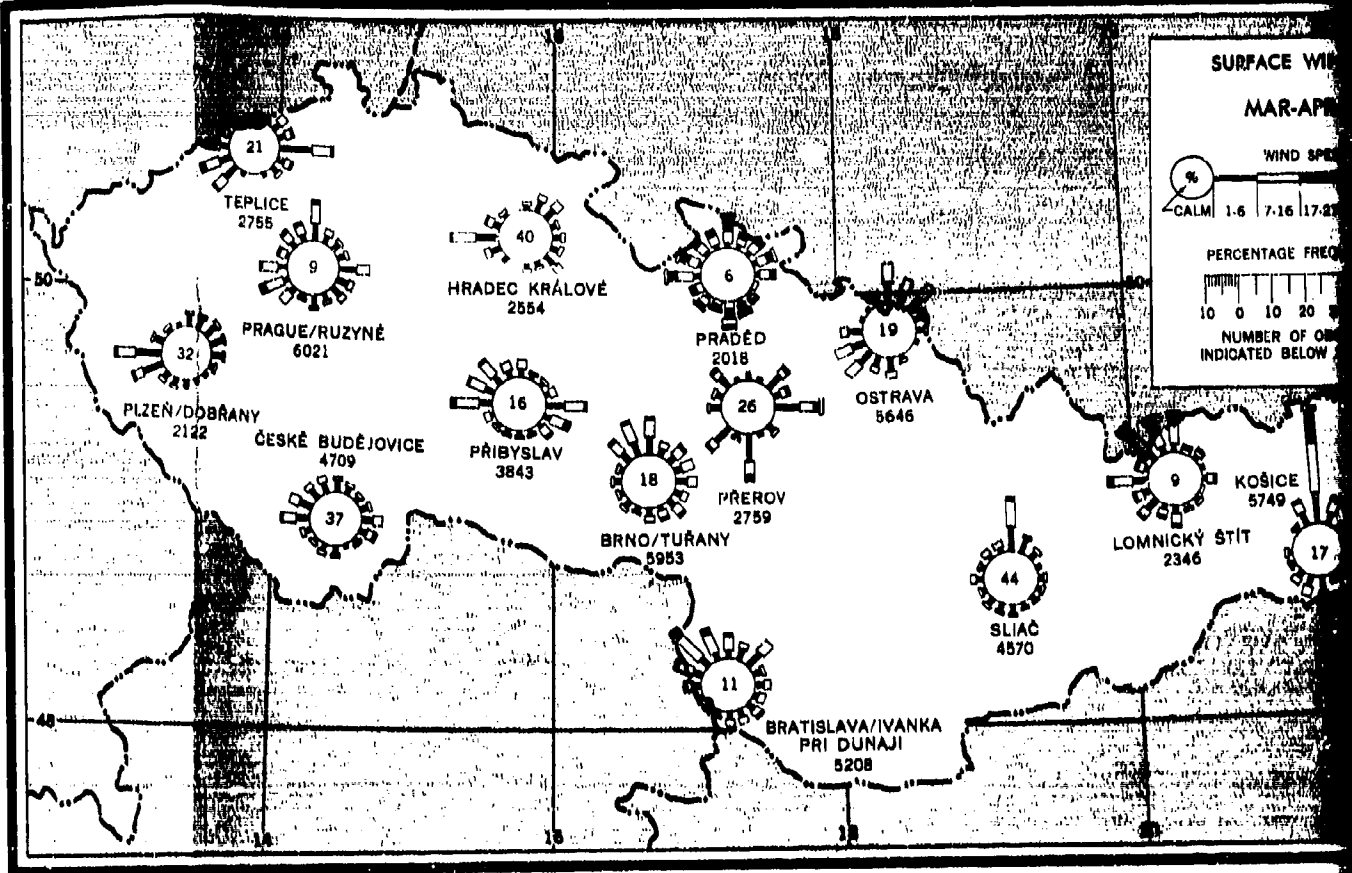
7 12 18 24 30 36 41 KNOTS

FREQUENCY SCALE

0 10 20 30 40 50 60

OBSERVATIONS STATION NAME

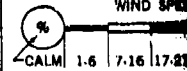
UZHGOROD
U.S.S.R.
3366



SURFACE WIND

MAR-APR

WIND SCALE



PERCENTAGE FREQUENCY

10 0 10 20 30

NUMBER OF OBSERVATIONS INDICATED BELOW

WIND ROSES

AUG

WIND SCALE

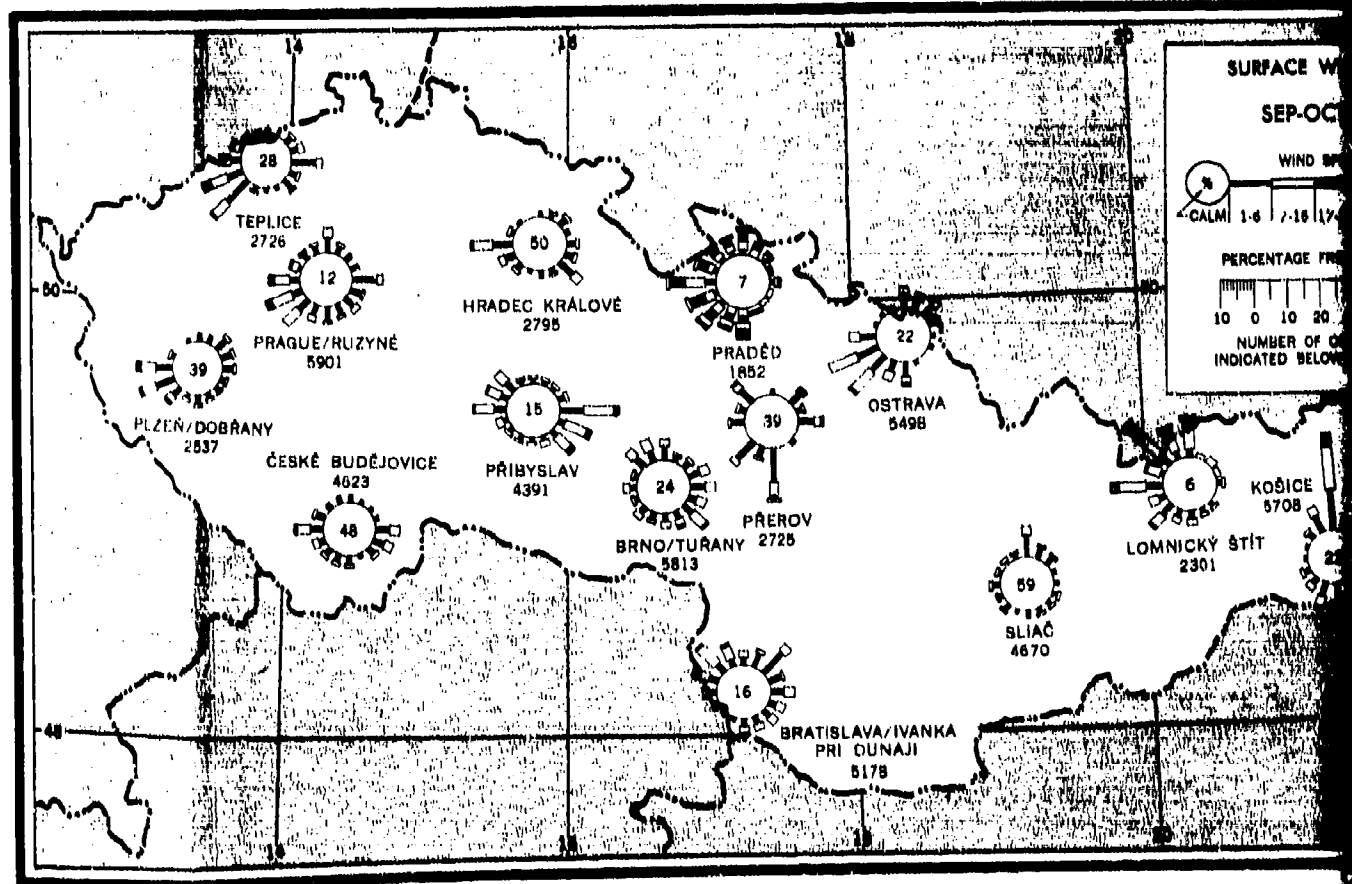
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FREQUENCY SCALE

0 10 20 30 40 50 60

OBSERVATIONS STATION NAME

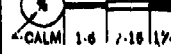
UZHGOROD
U.S.S.R.
3040



SURFACE WIND

SEP-OCT

WIND SCALE



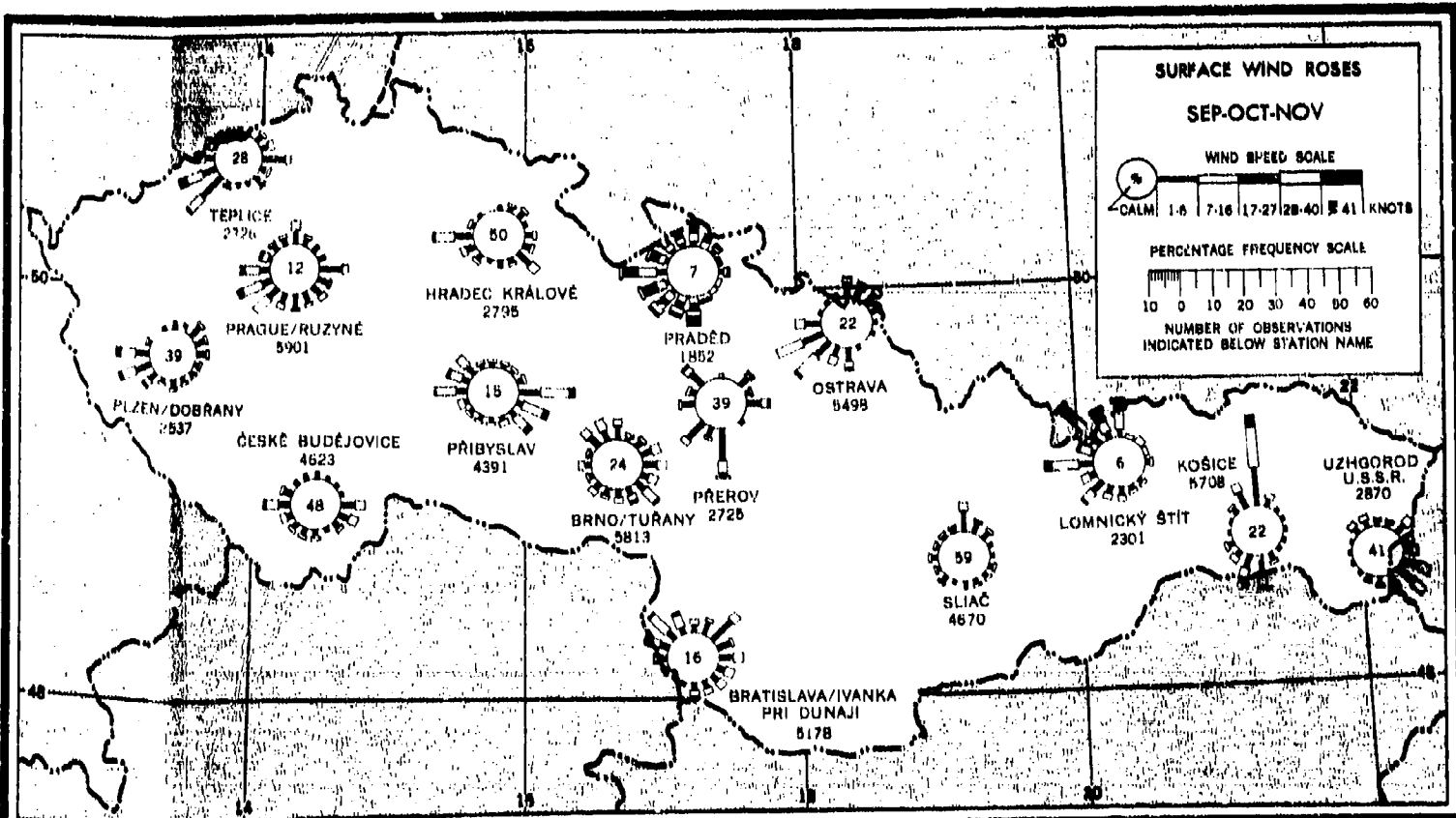
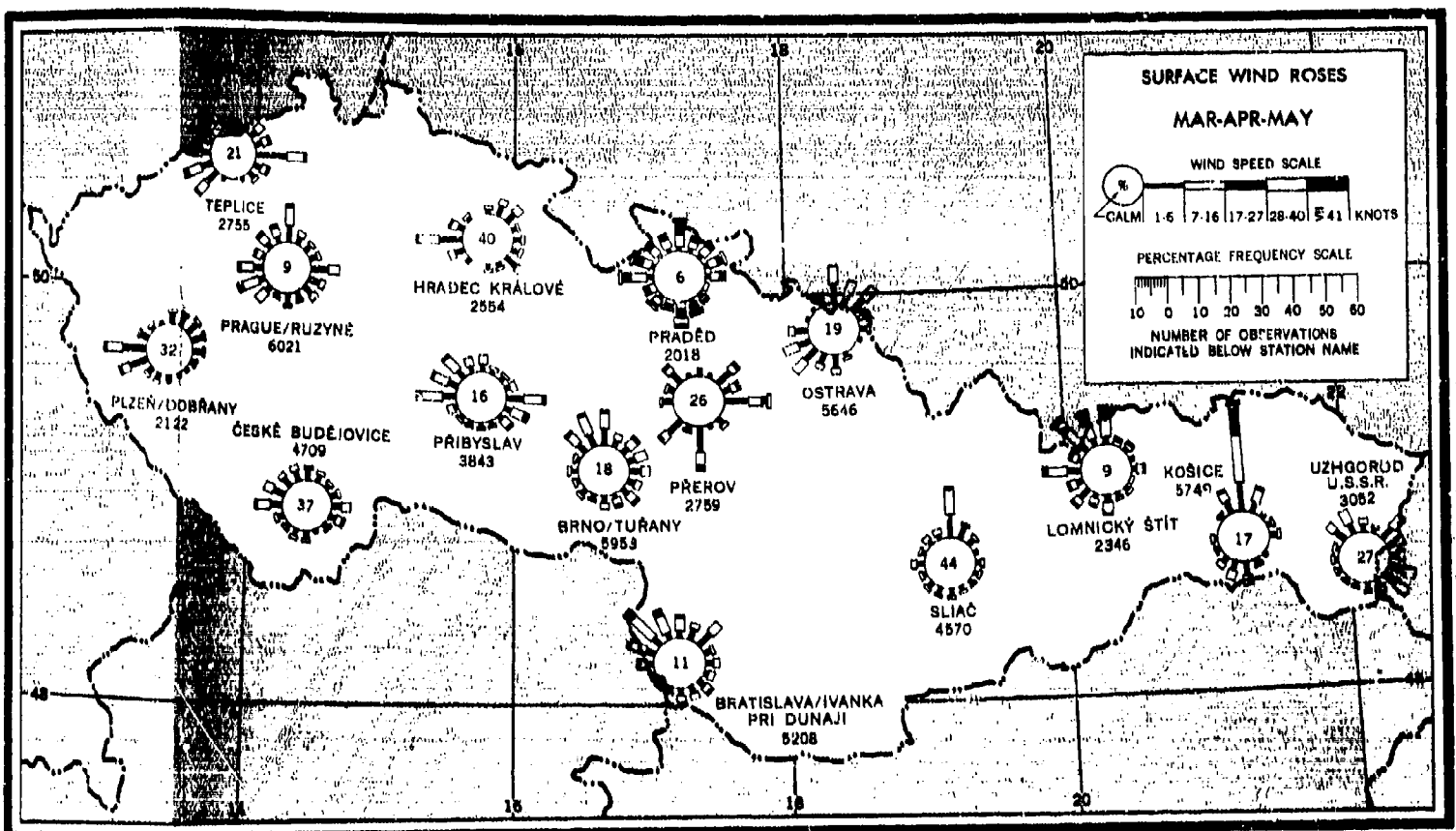
PERCENTAGE FREQUENCY

10 0 10 20 30

NUMBER OF OBSERVATIONS INDICATED BELOW

SURFACE WIND

2



SURFACE WIND ROSES Figure 66

LIST OF STATIONS

REGION AND STATION	LATI- TUDN*	LONGI- TUDN*	ELEVA- TION	REGION AND STATION	LATI- TUDN*	LONGI- TUDN*	ELEVA- TION
	° 'N	° 'E	feet		° 'N	° 'E	feet
Western Hills and Plains:				Eastern Lowlands (Continued):			
Břestov	50 46	14 14	463	Brno	49 12	16 34	732
Čáslav	49 54	15 24	817	Brno/Tufany	49 09	16 42	781
České Budějovice	48 57	14 27	1,256	Budapest/Lőrinc**	47 26	19 11	473
Chob	50 05	12 24	1,584	Hurbanovo	47 55	18 12	394
Hradec Králové	50 11	15 52	912	Košice	48 42	21 16	676
Jovičko	49 38	16 40	1,463	Lučenec	48 20	19 40	614
Liberec	50 46	15 04	1,319	Malacky	48 26	17 01	522
Litomyšl	49 52	16 18	1,139	Nitra	48 19	18 05	476
Maršánské Lázně	49 58	12 42	1,906	Opava	49 26	17 54	892
Město Albrechtice	50 09	17 33	1,585	Ostrava	49 51	18 18	696
Milčkovka	50 33	13 56	2,739	Piešťany	48 37	17 50	532
Panov	49 11	13 15	3,982	Přerov	49 27	17 27	706
Píseň	49 46	13 21	1,159	Strážnice	48 54	17 20	574
Plaňany/Dobřany	49 40	13 17	1,194	Uahgorod**	48 38	22 18	387
Pohoff na Šumavě	48 36	14 42	2,946	Znojmo	48 52	16 03	1,004
Pratěd	50 04	17 14	4,895				
Prague	50 04	14 26	863	Eastern Mountains:			
Prague/Ruzyně	50 06	14 17	1,227	Banská Štiavnica	48 28	18 54	1,919
Přibyslav	49 35	15 46	1,730	Brezná nad Hronom	48 49	19 37	1,650
Rožmitál pod Třemšínem	49 36	13 52	1,722	Bystřička	49 28	18 01	1,273
Statina nad Zdobnicí	50 08	16 23	1,299	Kasprowy Wierch**	49 14	19 59	6,525
Štětka**	50 44	15 44	5,287	Lomnický štít	49 12	20 13	8,655
Tábor	49 25	14 40	1,447	Lysá Hora	49 33	18 27	4,321
Teplá	49 11	15 27	1,729	Medzilaborce	49 16	21 54	1,057
Tepliec	50 30	13 48	751	Oravský Podzámok	49 15	19 20	1,616
Vojprty	50 29	13 02	2,559	Sliac	48 38	19 09	1,217
Vitkov	49 47	17 45	1,549	Spišská Nová Ves	48 57	20 34	1,529
Eastern Lowlands:				Starý Smokovec	49 08	20 19	3,340
Bratislava	48 10	17 07	676	Trenčianske Teplice	48 55	18 10	925
Bratislava/Ivanka pri Dunaji	48 10	17 13	453	Turčiansky Svätý Martin	49 04	18 55	1,247

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



EAST
GERMANY
CHEMNITZ
(SOVIET ZONE)

Görlitz
Limit of Polish
Administration

DRESDEN

VEJPRTY

HORY

TEPlice

Česká
Lipa

Mladá
Boleslav

POLABSKÁ
NIZINA

Jaromír
HRADEC
KRÁLOVÉ

MARIÁNSKÉ
LÁZNE

PRAGUE
PRAGUE

Kolín

ČESKÝ
LES

ALŽEN
ALŽEN

ROZMITÁL
POD
TRÉŠNÍM

TAŠOV

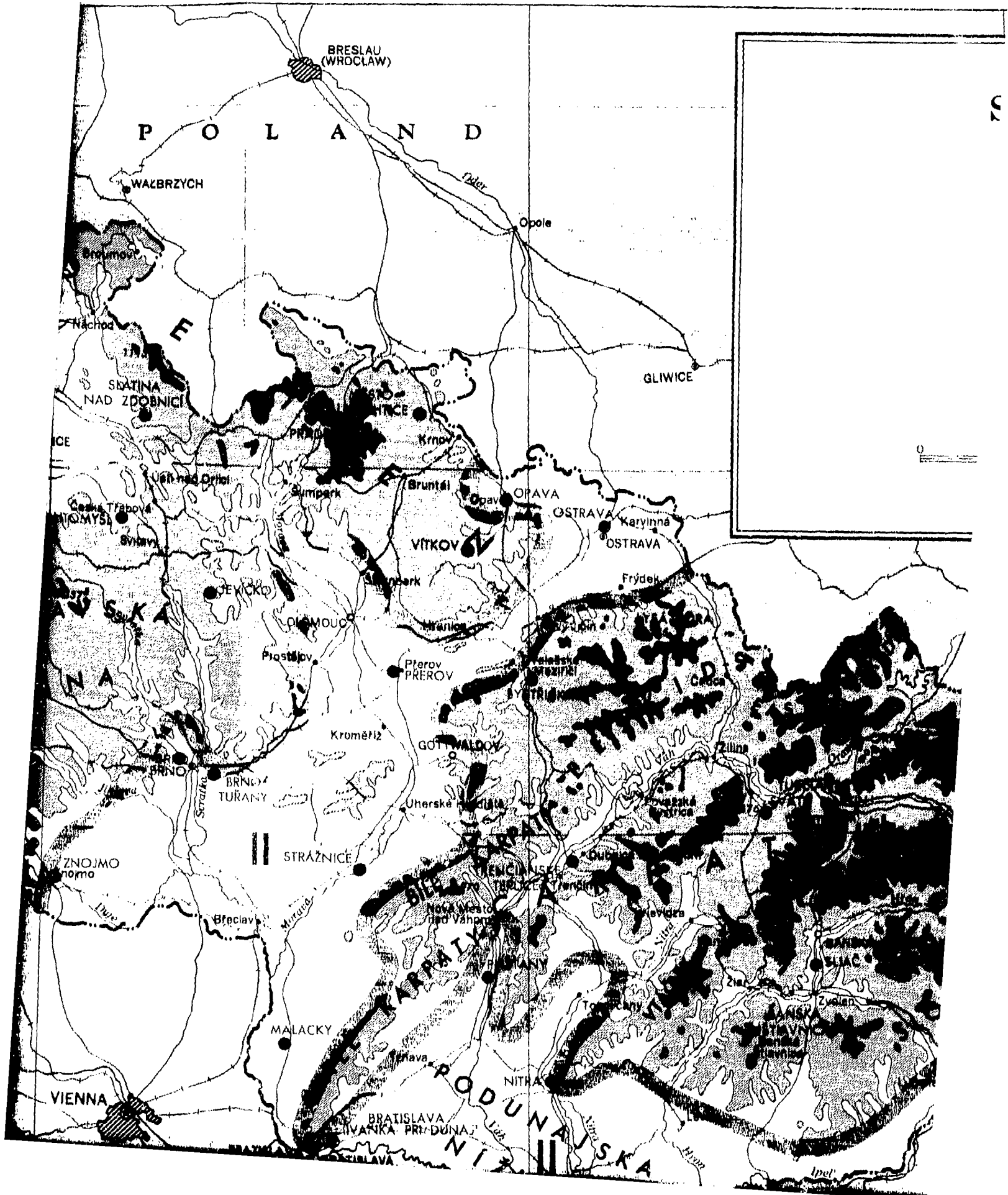
FEDERAL
REPUBLIC
OF
GERMANY

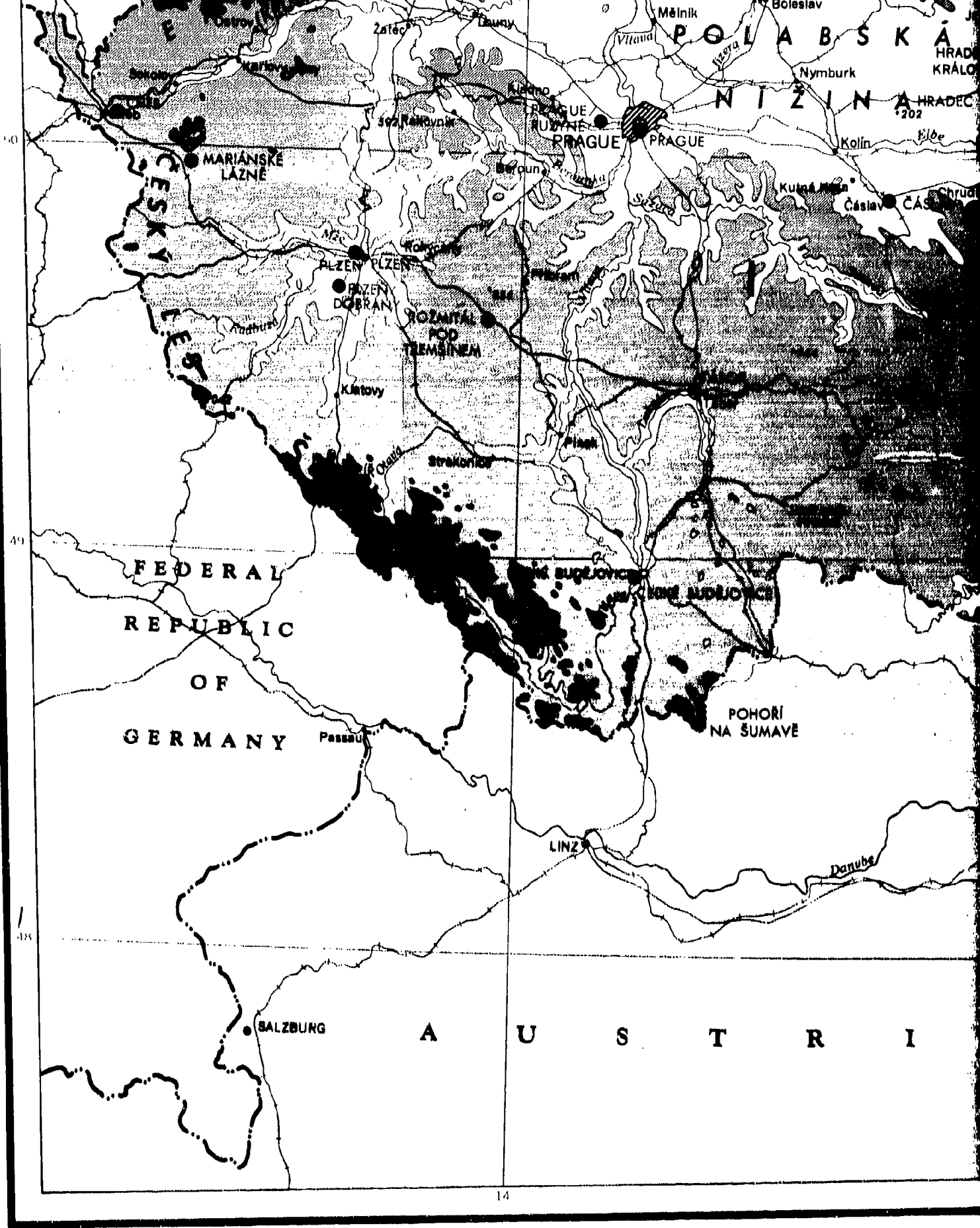
PLZEŇSKÝ ÚJEZD
PLZEŇSKÝ ÚJEZD

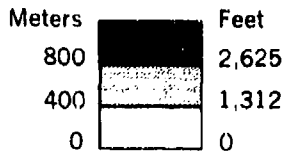
POHORI
NA ŠUMAVĚ

LINZ

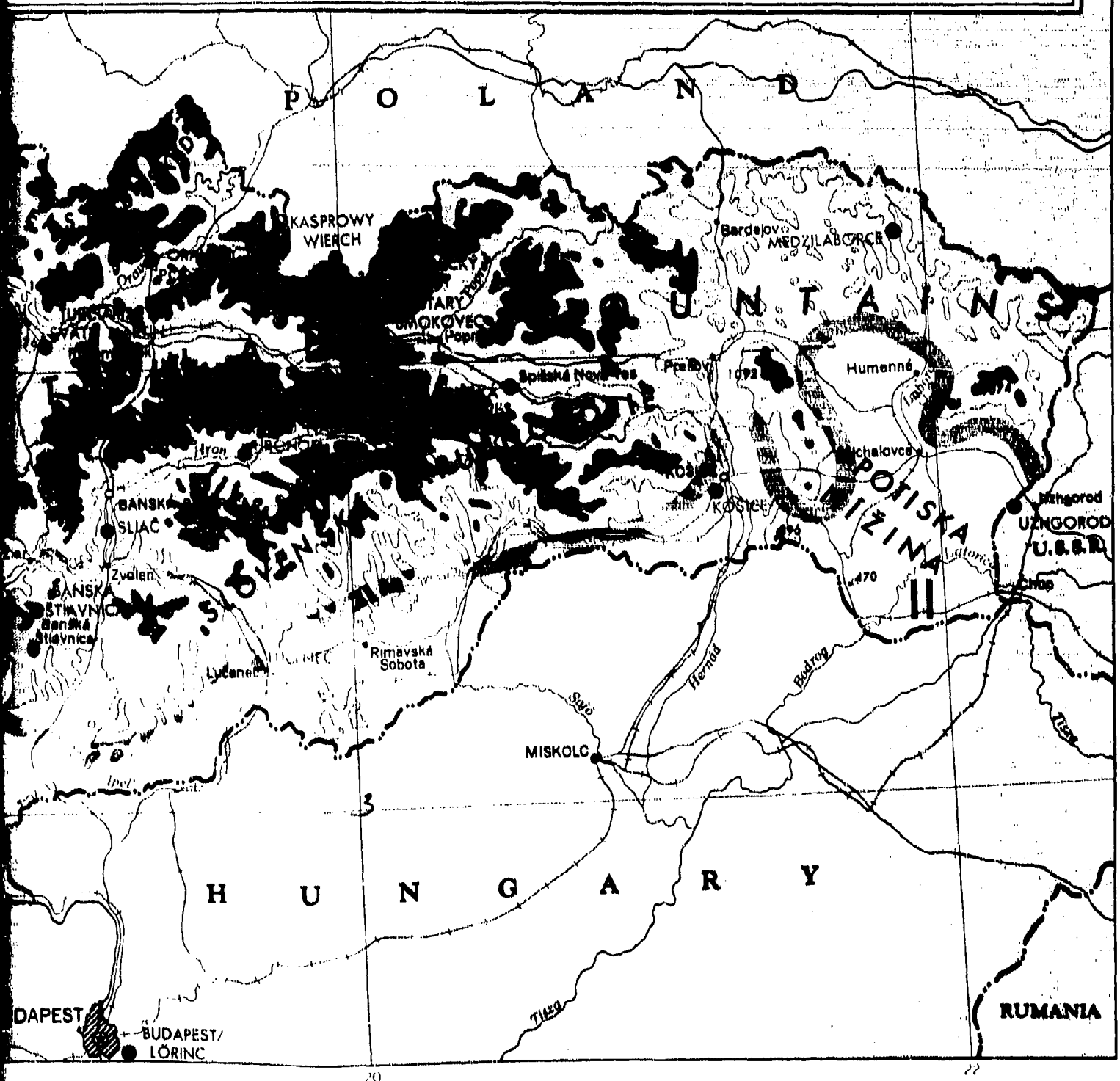
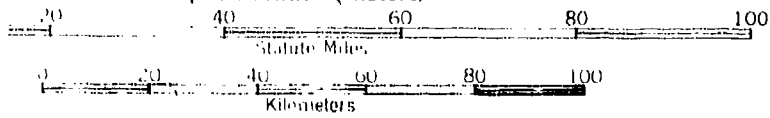
Danube







Spot elevation (meters)



STATION LOCATIONS FIGURE 07



Declassification Instructions For This National Intelligence Survey Volume

Country: Czechoslovakia

Report Title: Weather and Climate

NIS Series Number: 18

Publication Date: 01-Jul-66

Chapter Number: 2

Total Pages: 104

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