

# TÜRKİYE'DE TOPOGRAFYANIN YAĞIŞ MİKTARI ve DAĞILIMI ÜZERİNDEKİ ETKİLERİ

Mahnaz GÜMRÜKÇÜOĞLU

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Danışman

Prof. Dr. Korkut Ata Sungur

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## ÖNSÖZ

İklim unsurlarının en önemlisi diyebileceğimiz yağışın miktarı ve dağılışının bir yerin iklim özelliklerinin bilinmesi açısından önemi tartışılmaz bir gerçektir. Yağışın miktarı ve dağılımında ise topografya çok önemli bir etkendir. Türkiye gibi çok çeşitli topografik özelliklere sahip bir ülkede topografyanın yağış üzerinde oldukça önemli etkisi olacağı bir gerçektir. Bundan yola çıkarak Türkiye'de topografya'nın yağış miktarı ve dağılımı üzerindeki etkileri konusunda çalışmayı tercih ettim. Bu çalışmada yardımlarından dolayı sayın hocam Prof. Dr. Korkut Ata Sungur'a çok teşekkür ederim. Ayrıca büyük desteği ve yardımlarından dolayı Prof. Dr. Selim Şeker ve Prof. Dr. Nüzhet Dalfes'e, destekleri için de aileme ve eşime çok teşekkür ediyorum.

## ÖZET

İklim parametreleri ve topografya ilişkisi bilinen bir gerçekliktir. Dolayısıyla bu parametrelerden biri olan yağış da topografyaya bağlı olarak bir takım değişikliklere uğramaktadır. Yükselti, orografi, denize yakınlık veya uzaklık, bakı, eğim gibi iklim unsurları ile hava kütleleri ve cepheler gibi dinamik süreçler üzerinde etkili olarak yağış özelliklerini etkilerler.

Bu çalışmada meteorolojik verilerden yararlanarak Türkiye genelinde topoğrafiye bağlı olarak yağışta meydana gelen değişiklikler gösterilmeye çalışılmıştır. Burada yağıştan bahsedilirken sadece su damlacıkları halinde düşen yağışlar yani yağmur yağışları söz konusu edilmiş, kar yağışları dikkate alınmamıştır. Genel olarak yüksek bir bölge olan Türkiye’de çok kısa mesafeler dahilinde oldukça farklı yağış miktarları kaydedilmektedir. Global açıdan bakıldığında oldukça küçük bir alan olan bu bölgede bu kadar farklı yağış miktarlarının görülmesinin en önemli sebebi, topografya yani yukarıda sözü edilen orografi, bakı, eğim, denize yakınlık veya uzaklık gibi coğrafi faktörlerdir. Dolayısıyla Türkiye genelinde yağış parametresini etkileyen faktörler söz konusu olduğunda ilk düşünülmesi gerekenin topografya olması nedeniyle bu konuda çalışma tercih edilmiştir.

Kullanılan yöntem, kısaca malzeme ve metod kısmında açıklanmıştır. Sonuçta ise veriler ve açıklamalar ışığında çizilen mevsimlik ve yıllık yağış haritaları izohips haritası ile karşılaştırıldığında konunun önemi açık olarak ortaya çıkmakta ve yağış-topografya ilişkisi gözler önüne serilmektedir.

## MALZEME VE METOD

Yağış söz konusu olduğunda uzun yıllara ait verilerle çalışmanın önemli bir zorunluluk olması nedeniyle bu çalışmada uzun yıllar boyunca yağış rasadı yapılan istasyonlar seçilmiştir. Uluslararası literatürden alınan verilerden özellikle 30 yıl ve üstünde veriye sahip istasyonların değerleri üzerinde çalışılmıştır. Dolayısıyla istasyon sayısının azlığının sebebi, bu kadar uzun döneme ait veriye sahip olan istasyonların Türkiye genelinde fazla olmamasıdır. Aylık yağış verileri arasında bulunan eksik rasatlar o aya ait serinin medyan değeri bulunarak eksik değer yerine konulması yoluyla tamamlanmıştır. Medyan yönteminin kullanılması ile minimum ve maximum uç değerleri hesaba katılmadığından serinin aritmetik ortalamasından daha gerçekçi bir değer bulunmuştur kanısındayım. Bu aylık değerlerden yıllık ve mevsimlik yağış değerleri çıkarılmıştır. Yıllık değerlere göre histogramlar çizilmiştir. Bu histogramlarda konumuza dahil olmamakla beraber istasyonların yağış değerlerindeki yıllar arasındaki oynamalar da açıkça görülmektedir. Daha sonra bu değerlere ait uzun yıllar ortalamaları bulunmuştur. Bu ortalamalar kullanılarak yükseltilerine göre sıralanan istasyonların yağış değerleri bir grafik şeklinde gösterilmiştir. Bu grafikte istasyon yükseltisi arttıkça yağış değerlerinin azaldığı gözlenmektedir. Bunun nedeni istasyonların geniş bir alana yayılmış olmaları ve buna ek olarak kar yağışlarını hesaba katmıyor olmamızdır. İkinci bir grafikte de istasyonlar bölgelere göre ayrılmış ve bölgeler arasındaki yağış farklılıkları vurgulanmaya çalışılmıştır. Uzun yıllar ortalaması olan yıllık ve mevsimlik yağış değerleri istasyonların topografik özellikleri ve yükselti değerleri ile birlikte bir tabloda gösterilmiştir. Bu tabloda istasyonlar 0-500 m., 500-1000 m., 1000-1500 m. ve 1500-2000m. yükselti aralıklarına göre

sınıflandırılmışlardır. Burada kullanılan yükselti değerleri meteoroloji bülteninde yayınlanan değerlerdir. Bir diğer tabloda da yağış miktarında hakim rüzgar yönü ve bakı faktörünün önemi çerçevesinde istasyonların bakı özelliklerine göre kabaca bir sınıflandırma yapılmış ve bunlar mevsimlik ve yıllık hakim rüzgar yönleri ile beraber gösterilmiştir. Bu tabloda istasyonların bakı özellikleri deyimiyle söylenmek istenen istasyonun hangi hava akış yönüne kapalı olduğudur. Topografya haritası üzerinde bir istasyonun hangi yöne açık olduğundan çok hangi yöne kapalı olduğu daha net ve daha doğru olarak görülebilmektedir. Bu nedenle hakim rüzgar yönüne kapalı olan ve bu yönden rüzgar alan bir istasyonun yağış özelliklerinin olumsuz yönde etkileneceği düşünülmüştür. Tablo bu bakış açısı ile değerlendirilmelidir. Bu tabloda kullanılan rüzgar verileri Meteoroloji bülteninden alınmıştır. Burada yıllık ve mevsimlik hakim rüzgar yönleri ayrı ayrı bulunmuştur. Bunun nedeni Marmara Bölgesi dışındaki bölgelerde genelde hakim rüzgar yönünün soğuk devre ile sıcak devre arasında farklılık göstermesidir. Bu tablo ile yağış değerlerinin gösterildiği tablo karşılaştırıldığında aynı bakı şartlarına sahip istasyonların hakim rüzgar yönleri farklı olduğunda yağış miktarlarında farklı olacağı açık olarak görülecektir. Topografya-yağış ilişkisini belirlemek için çizilen diğer bir grafikte Türkiye genelinde batı-doğu ve kuzey-güney yönlerinde topografik profil çıkarılmış, bunun üzerinde ortalama yağış değerleri gösterilmiştir. Son olarak uzun yıllara ait ortalamalara göre yıllık ve mevsimlik izohiyet haritaları çizilmiş ve izohips haritası ile karşılaştırma olanağı yaratılmıştır. Bunlara bağlı olarak yağış miktarı ve dağılımında topografyanın önemi gösterilmeye çalışılmıştır.

## TÜRKİYE'DE YAĞIŞ

Türkiye'de genel olarak iklim ayrıntıda da yağış özelliklerinin incelenmesinde hava kütlelerine, cephelere, akım yönlerine, siklonik faaliyete, dünya ölçüsünde önemi olan konverjans ve diverjans alanlarına göre konumu ve atmosferin yüksek seviyelerindeki Rossby dalgalarına göre bulunduğu yer oldukça önemlidir. Bu plenatar etkenlere bağlı olarak oluşan makroklima şartları coğrafi etkenler nedeniyle bölgesel değişikliklere uğrarlar.

Yağışın dağılımına yardımcı olan faktörlerin tümü (topografya, jeoloji, hidrografi, bitki örtüsü) birleşerek yağış miktarının kısa mesafeler içinde dahi değişmesine neden olurlar. Bu faktörlerden topografya; yükselti, oroğrafi, bakı, kontinentalite ve kara-deniz dağılışı gibi faktörleri içerir. Bunlar Türkiye'nin bulunduğu enlem ve makroklima şartlarına göre oluşan yağışların birbirine çok yakın bölgeler arasında bile önemli değişikliklere uğramasına sebep olurlar. Özellikle oroğrafi, zayıf olduğunda bile yağış dağılımında küçümsenmeyecek bir role sahiptir.

Türkiye 36-42 kuzey paralelleri, 26-45 doğu meridyenleri arasında kuzey ve güneyinde iki çanaklaşma sahası arasında kalmış yüksek bir kubbeleşme sahası durumundadır. Kuzeyde Karadeniz'in ortalama derinliği 1200 m. güneyde Akdeniz'in ortalama derinliği ise 1400 m. kadardır. Bunların arasındaki kubbeleşme alanı olan Türkiye'nin ortalama yükseltisi ise 1000 m.'nin üzerindedir. Doğuda bu değer 2000 m.'yi bulur. Bu kubbeleşme sahası üzerinde farklı derecelerde birtakım yan çanaklaşma ve kubbeleşmeler oluşmuştur ki

Toroslar ve Kuzey Anadolu Dağları kubbeleşmeye, nispeten çukur olan İç Anadolu'da çanaklaşmaya örnektir. Bu topografik özelliklerin genelde iklim parametreleri ve bunlardan biri olan yağış üzerinde önemli etkileri vardır. Yükseltinin hava akım hatlarında meydana getirdiği sapmalar sonucunda oluşan orografik yaz yağışları bu farklara iyi bir örnek teşkil etmektedir. Ayrıca yağış miktarları bakımından dağlar ve çukur sahalar arasında önemli farklar ve kuvvetli yağış gölgeleri de meydana gelmektedir. Doğu-batı yönünde uzanan dağlar akım hatlarında sapmalara neden olurken kıyı bölgelerdeki nemli havanın iç kısımlara girmesine engel teşkil ederler. Sadece batı kıyılarında durum farklıdır ve doğu-batı yönünde uzanan dağ sıraları nemli havanın iç kısımlara girmesini kolaylaştırmaktadır. Kışın Tropikal havanın iç kısımlara, iç kısımlardaki kutbi havanın güney kıyılarına sokulmasını engelleyen Toroslar ve Kuzey Anadolu Dağları nedeniyle bu hava kütleleri iç kısımlara özellikle daha uygun orografik yapıda olan batı kıyılarından sokulurlar. Bu durum özellikle soğuk dönemde kutbi hava kütlesi ile dolu bir çanak durumundaki iç kısımlarla Karadeniz ve Akdeniz kıyıları arasında nemlilik derecesi ve yağış farkları açısından önemli farklar oluşmasına neden olur. Marmara ve Boğazlar ise bir koridor rolü üstlenir ve hava akım hatlarında sapmalara neden olmadan kuzeybatı yönlü akım hatlarının içeri girmesini sağlarlar.

Kuzeyde Karadeniz Dağlarının ve güneyde Torosların kıyıya bakan yamaçlarında cephelerin özellikle sıcak cephelerin alıkonması neticesinde yağış sahası genişler, yağış süresi ve şiddeti artar. İç yamaçlarda ise kuvvetli yağış gölgeleri meydana gelir. Burada dağların dış yamaçları ile iç yamaçları arasındaki



yağış farkı orografik oklizonlar nedeniyle de artmaktadır. Özellikle Karadeniz kıyıları orografinin akım hatları üzerindeki rolü neticesinde orografik yağışların çok görüldüğü bir yerdir. Kışın gezici siklonların etkisi ile meydana gelen yağış, yazın konveksiyon hareketlerine de bağlı olarak sağanak halinde düşer ve bu dönemde denizden gelen nemli hava kütleleri bütün Karadeniz kıyısına orografik yağışlar bırakır. Genelde, Türkiye'de cepheler, dağ istikametleri, yükselti özellikleri, kuzey kıyılarda, yağış miktarlarının kuzeybatıya bakan yamaçlarda artmasına, kuzeydoğuya bakan yamaçlarda azalmasına, güneyde ise güneybatıya bakan yamaçlarda artmasına ve doğu-güneydoğuya bakan yamaçlarda azalmasına neden olurlar.

Global anlamda küçük bir bölge olmasına rağmen ülkemiz sınırları içinde büyük yağış farklarının görülmesinin nedeni topografyadır. İklim ve topografya karşılıklı etkileşim içindedirler. İklimle bağlı olarak oluşan yerşekilleri yanında yer şekillerinin de iklim üzerinde önemli etkileri olduğu tartışılmaz bir gerçektir. Yükselti, dağ sıraları ve bakı şartları, denize yakınlık veya uzaklık, basınç ve sıcaklık özellikleri üzerinde farklar meydana getirerek rüzgar istikametlerini, dolayısıyla da yağış dağılımını etkilemektedirler.

## TÜRKİYE ÜZERİNE GELEN HAVA KÜTLELERİ VE YAĞIŞ İLİŞKİSİ

Türkiye bütün yıl boyunca belli bir hava kütesinin etkisinde kalmaktan çok bir geçiş sahası özelliğindedir. Genel olarak subtropikal kuşakta kıtaların batı tarafında gerçekleşen Akdeniz iklim tipinin etkisi altında kalır. Bu iklim tipinin başlıca özelliği kışın kutbi yazın tropikal kökenli hava kütlelerinin etki alanına girmesidir. Bu iki esas hava kütesi bazı yan tiplere ayrılır ki bunların sahip olduğu özellikler Türkiye’de yağışın genel karakterini belirler. Bu yan tiplerin başında Maritim Polar (mP) ve Kontinental Polar (cP), Maritim Tropikal (mT) ve Kontinental Tropikal (cT) hava kütleleri gelir. Bunlardan mP ve cP daha çok soğuk dönemde etkili olurken, cT ve mT hem sıcak dönemde hem de soğuk dönemde etkili olmaktadır. cP tip genelde ikiye ayrılır. Sibirya ve Hazar cP hava kütleleri. Sibirya’nın cP havası Baltık ve Fillandiya üzerinde bir antisiklon olduğu zamanlar kuzey Avrupa’yı geçerek kuzeydoğudan Karadeniz havzasına sokulur. Karadeniz’i aşarken instabil hale gelir. Kuzeyin soğuk şartlarını getirir ve instabilliği nedeniyle iç kısımlara doğru azalacak şekilde yağışa neden olur. Sibirya antisiklonu batıya sokulup Karadeniz’in kuzey batısına doğru uzanan bir sırt oluşturduğu zamanlarda, bunun doğu ve güneydoğusundan Karadeniz havzasına doğru gelen hava kütesi cP hava kütesinin Hazar tipini oluşturur. Nispeten güneyden geldiği için daha sıcak şartlardadır. Karadeniz’de ise kuru ve stabildir. Yağış getirmez. cP hava kütesi yazın geldiğinde sıcaklık şartlarını düşürmekten başka etki yapmaz. mP hava kütesi oluşum bakımından iki gruba ayrılır. Baltık ve Atlantığın mP hava kütleleri. Baltığın mP hava kütesi karla kaplı Rusya platformunu geçerken

soğur ve stabil hale gelir, Karadenizi aşarken alttan biraz ısınır, instabil olur ve kıyı gerisindeki dağlar üzerinde yükselince konveksiyon hareketlerine maruz kalır. Böylece cephe boyunca konveksiyonal karakterde yağmur, dolu, kar yağışları görülür. Kıyı gerisindeki dağların arkasında kalan depresyonlar kıyıdaki istasyonlar kadar yağış almaz. Örneğin Merzifon yıllık 383.77 mm. yağış alırken Tokat 417.76 mm. yağış alır ki Karadeniz kıyısında bulunan istasyonlara göre bu değerler oldukça düşüktür. Karadeniz, soğuk, kuru, stabil olan hava kütlelerinin temas ettiği alt tabakalarının sıcaklığını ve nemini arttırarak Karadeniz kıyısındaki istasyonların sıcaklık düşmelerini yumuşatarak buraya bol yağış sağlamaktadır. Tropikal hava kütleleri ise hemen hemen bütün yıl etkilidirler. Bunlardan cT kuzey Afrika üzerinden Türkiye üzerine sokulduğunda Akdeniz'i aşar ve alt tabakaları nem aldığı için instabil hale geçer ve rölief boyunca yükseldiğinde de bol yağış sağlar. Akdeniz üzerinde özellikle kışın ve ilkbahar döneminde siklonik yağışların meydana gelmesine neden olur. mT hava kütlesi çok stabildir. Sokulduğu alanlarda sıcaklığı yüksektir. Büyük ölçüde yağış sağlamaz. Sıcak mevsimde ısınmış karalar üzerinde daha az stabil bir hale gelmesine rağmen bu dönemde sadece serin kuzey rüzgarlarını getiren bir hava kütlesi olma özelliğindedir.

Topografik özelliklerin, gelen hava kütleleri üzerinde etkili olduğunu hava kütlelerinin dağ sıraları veya bir dağ yamacı ile karşılaştıklarında yükselerek soğumaları ve içerdikleri nemin yağış olarak düşmesi ile görebiliriz. Buna örnek olarak güneydoğuya yönelen bir hava kütlelerinin hareketi verilebilir. Bu hava hareketi Anadolu'nun röliefi ile karşılaştığında bir kısmı Karadeniz kıyıları boyunca doğuya yönelir. Kıyıda batı ve kuzeybatıya bakan dağ yamaçlarında

yükselen ve serin denizle temas ederek alt tabakaları su buharı ile zenginleşen hava kütleleri Karadeniz kıyılarının tipik özelliği olan orografik yağışlara neden olurlar. Örneğin Batı Karadeniz'de Küre dağları kıyıya paralel uzanmakta ve iç kısımlara engel teşkil etmektedir. (En yüksek noktası 2000m. yi aşar) Kıyıda bol olan yağışlar bu orografik engelin kuzey yamaçları üzerinde gerek Karadeniz'i aşan hava kütlelerinin gerekse Karadeniz'i kat eden depresyonların bıraktıkları yağışlar olup iç kısımlar bundan mahrum kalmaktadır. Buna göre kuzey yamaçlar güneydekilere göre daha nemli bir özellik gösterir. Burada kıyıda bazı istasyonların yıllık ortalama yağış miktarlarını örnek verirsek Rize 2284 mm., Giresun 1250.7 mm., Samsun 713.3 mm., Zonguldak 1203.92 mm. yıllık yağış almaktadır. Bu yıllık yağış miktarları yıl içinde mevsimlere göre düzenli olarak dağılmıştır. Bununla beraber dağların gedikleri ve özellikle batıdan sokulan hava kütleleri iç kısımlara sokularak buradaki yüksek kısımlara yağış bırakabilirler. Örneğin Kastamonu'nun yıllık yağışı 458.53 mm. olup genellikle aylara isabet eden yağış miktarları fazla değildir. Minimum yağış Ağustos ayındadır. Yine de yaz aylarında belirgin bir yağış yokluğu ve kuraklık görülmez. En yağışlı mevsim ilkbahardır (ort. 158.9 mm.). Yaz mevsiminde Karadeniz kıyısında özellikle orografik yağışlar meydana gelir. Örneğin Rize 466.1 mm., Zonguldak 220.03 mm., Giresun 242.3 mm. yaz yağışı almaktadır. Akdeniz kıyılarında ise güneybatı yönlü hava hareketi Torosları aşarken yükselir ve kıyının nemliliği dolayısıyla Akdeniz kıyılarının yağış özelliklerini belirler.

Genel anlamda hava kütlelerinin özelliklerini gördükten sonra Türkiye üzerine gelen bu hava kütlelerinin topografik özelliklere bağlı olarak uğradığı değişiklikleri ve geldikleri bölge üzerindeki etkilerini ayrıntılı olarak ele

aldığımızda aşağıda açıklanan durumlar ortaya çıkmaktadır.

Trakya kesiminde Çatalca-Kocaeli yöresinin silik röliefi, Ergene ve İzmit civarının çukurlukları, soğuk dönemde özellikle Polar hava kütlelerinin kuzeybatıdan içeriye doğru sokulmasını kolaylaştırır. Yükselti ve rölief azlığı nedeniyle bu hava kütleleri bu kesimde fazla rölief yağışı bırakmazlar. Örneğin soğuk dönemde gelen cP hava kütlesi az nem içerdiği için bu bölgeye fazla yağış sağlamaz. Özellikle Çatalca-Kocaeli yöresinde doğu-batı yönlü rölief gelen hava kütlelerinin rahat bir şekilde geçişini sağlar. Sıcak dönemde de aynı özelliklerin devam ettiği söylenebilir. Bu dönemde gelen hava kütleleri arasında frekans bakımından en yüksek olan mT hava kütlesi bir koridor görevi yapan Trakya kesiminden kolayca içerilere sokulur. Çok stabil olması nedeniyle fazla yağış sağlamaz. Örneğin yaz döneminde Tekirdağ 95.8 mm., Çorlu 82.06 mm. yağış almaktadır. Böylece bütün yıl boyunca fazla yağış almayan bölgede ortalama yıllık yağış oranları da düşüktür. Örnek olarak Tekirdağ'ın 619.91 mm., Edirne'nin de 597.26 mm.yağış aldığı verilebilir.

Marmara'nın güneyindeki istasyonlar da yıl boyunca Trakya kesimine benzer özellikler gösterir. Örneğin Bilecik yıllık 447.23 mm. yağış alırken yaz döneminde 72.55 mm.yaz yağışı almaktadır.

Ege kıyı kesiminde Ödemiş'e kadar olan kısımda doğu-batı yönündeki Menderes ve Gediz grabenleri denizin etkilerinin ve gelen hava kütlelerinin iç kısımlara girmesini kolaylaştırır. Özellikle, Avrupa üzerinden gelen mT hava kütlesi

bütün yıl boyunca deęişik frekanslarda bu bölgeyi etkiler. Sıcak dönemde fazla ısınan bu kısım üzerinde instabil bir karakter gösterir ve biraz daha soęuk bir hava olarak hissedilirse de fazla yağış sağlamaz. mP hava kütlesi ise soęuk dönemde rölief boyunca yükseldiğinde yağış sağlayan özellięi sayesinde, örneęin bir plato görünümündeki Muęla'da yağış grafięini yükseltir. Muęla'da yıllık yağış ortalaması 1247.8 mm.dir. Burada yağış ortalamasının yükselmesine Akdeniz üzerinden gelen cT hava kütlesi de neden olmaktadır. Doğusunda bulunan daęlık kesim boyunca yükselen cT hava kütlesi burada yağış sağlamaktadır. Daha iç kısımdaki Afyon ve Kütahya'nın batı kısımları daęlık birer plato görünümündedir. Daęların gelen hava kütlelerini engellemesi nedeniyle yıllık yağış ortalaması düşük deęerler gösterir. Afyon 437.35 mm. ve Kütahya 574.79 mm. yıllık yağış ortalamasına sahiptir. Burada bakı durumunu göz önüne almak gerekir. Gelen hava kütlelerinin etkisine açık olması dolayısıyla yağışı alan daęların batı kısmıdır; ve bu Afyon ve Kütahya'da yağışın az olmasının nedenidir diyebiliriz. Bakı meselesi sonraki kısımlarda daha ayrıntılı olarak incelenecektir.

Güneyde Akdeniz kıyısındaki Antalya, Adana, Antakya ve Mersin gibi istasyonlar Toros daę sıralarının güneyinde kalmakta, böylece Akdeniz üzerinden ülkeye sokulan mT ve cT hava kütlelerinin etkisine tamamen açık olmaktadır. Sıcak dönemde cT hava kütlesi daęlar üzerinde yükselince bol yağış sağlama özellięi nedeniyle Toroslar boyunca yükseldiğinde yüksek kesimlere önemli miktarda yağış bırakır. (Burada bir parantez açarak daęlara çarpan hava kütlelerinin her zaman yağış getirmedięini belirtmek gerekiyor. Buna en iyi örnek de yaz mevsiminde Doęu Akdeniz'de esen etezyen rüzgarıdır.

Bu rüzgarın estiği yerde istikrar söz konusu olduğundan yağış meydana gelmez.) Yaz döneminde istisna olarak mPk hava kütesinde Akdeniz üzerine sokulur ve bunun sonucunda mT ve mPk arasındaki kutbi cephe veya bazen de ard arda sokulan değişikliğe uğrayarak ısınmış mPw mPk hava kütleleri arasında oluşan cepheler Akdeniz üzerinde ilerler. Daha çok havzanın batısında gerçekleşen bu durum bazen frontal yaz yağışlarının oluşumuna neden olur. Bunun dışındaki yaz yağışları orografi veya genel konveksiyonel hareketlere bağlı olarak oluşur. Örneğin yaz aylarında Antalya 16.67 mm., Adana 41.5 mm. yağış alır. Burada yağışın az görünmesinin nedeni yüksek kısımlarda istasyon bulunmamasından dolayı yağış değerlerinin alınamıyor olmasıdır. Yine de sıcak dönem denildiğinde yaz ayları ile birlikte ilkbahar aylarının değerleri de hesaba katılırsa yağış miktarlarında biraz yüksek değerler görülebilir. Bu kıyıda ortalama yıllık yağışlara baktığımızda ise yüksek değerlerle karşılaşırız. Örneğin Antalya 1085.31 mm., Dörtyol 1000.54 mm., Antakya 1159.43 mm., Adana 674.4 mm. yıllık yağış almaktadır. Bu yağış miktarının büyük kısmı soğuk dönemde düşmektedir.

Daha öncede bahsedildiği gibi kuzey ve güney kıyılarındaki istasyonların bol yağış almasının bir sebebi de gezici siklonların Türkiye üzerinde batı-doğu yönünde bir yol izledikleri sırada Ege üzerinde çatallanarak bir kolunun güney kıyılarını etkilemesidir ki bu hareket düzeninin nedeni Anadolu'nun kuzey ve güneyindeki dağ sıralarıdır. Bu gezici asgarilerin diğer kolu da kuzeydeki Karadeniz dağ sıraları ile kıyı arasında kalan istasyonları etkileyerek bol yağış almasını sağlar. Bunun yanında Karadeniz kıyıları diğer kısımlara göre oldukça farklı yağış özellikleri gösterir. Bütün yıl boyunca özellikle Doğu Karadeniz çok

bol yağış alır. Burada en önemli etken hava kütlelerinin Kuzey Anadolu dağları boyunca yükselerek soğuması sonucu oluşan orografik yağışlardır. Ayrıca Asya ve Avrupa kıtaları arasında bir iç deniz durumundaki Karadeniz ile çevre kıtaları arasında meydana gelen termik fark nedeniyle Karadeniz üzerinde bir konverjans sahası oluşur. Bu da bir siklojenez sahasının dolayısıyla frontal yağışların oluşumuna neden olur. Bir dağ sırası sıcak cepheyi bloke ettiğinde sıcak cephe yükselir ve yağış günlerce devam eder. Arkadan gelen soğuk cephe onu yakaladığında yağış artar. Bunlara bağlı olarak oldukça yüksek yağış değerleri gösteren Karadeniz kıyısındaki istasyonlara örnek verirsek, Rize 2284 mm., Giresun 1250.7 mm., Zonguldak 1203.92 mm. yıllık yağış almaktadır. Doğu Karadeniz’de Trabzon, Orta Karadeniz’de ise Samsun ve Sinop farklı bakı konumları nedeniyle istisna teşkil eder ve daha az yağış alırlar. Bu konuya daha sonra tekrar değinilecektir.

İç Anadolu’daki istasyonlar Kuzey ve Güney Anadolu dağ sıralarının arasında kalmış bir çanaklaşma alanı üzerindedirler. Gelen hava kütlelerinin bu iki dağ sırası tarafından engellenmesi ile yağışın büyük kısmının bu dağ sıralarının kıyıya bakan yamaçlarında bırakılması nedeniyle buradaki istasyonların yıllık yağış değerleri 400 mm. civarında kalmaktadır. Örneğin Tokat 417.76 mm., Ankara 375.93 mm. ve Sivas 416.6 mm. yağış alır. Buradaki istasyonların yükseltileri az olmamakla beraber cepheler dağlar nedeniyle engellendiği için orografik yağışlar az olduğu gibi frontal yağışlarda topografyaya bağlı olarak azalmaktadır. Örneğin Konya 1000 m.’nin üzerinde bir yükseltiye sahip olduğu halde 354.39 mm.’lik yıllık yağış ortalaması ile Türkiye’nin en az yağış alan yerlerinden biridir. Ankara (375.93 mm.), Kırşehir (381.6 mm.), Kayseri (368



mm.) gibi istasyonlarda bu kadar düşük deęerlere sahip olmamakla beraber aynı özellikleri göstermektedirler. Dolayısıyla bakının önemi burada bir kez daha ortaya çıkmaktadır.

Doęu Anadolu'da soęuk dönemde Polar hava kütleleri çok etkindir. Özellikle cP hava kütesinin etkisiyle bu dönemde bölge bir diverjans sahası haline gelir. Hava kütlelerinin hareketi çevredeki konverjans sahalarına doęru olur ki bu antisiklonal hava şartlarının oluşumuna neden olur. Dolayısıyla yağışlarda bir azalma görülür. Örneęin Kars 69.32 mm., Erzurum 76.82 mm.ortalama kış yağışına sahiptirler. Yine de düşen yağışların büyük kısmının yükseltinin fazla olması nedeniyle kar şeklinde olması da bu deęerlerin düşük olmasına neden olmaktadır. Sıcak dönemde de etkili olan cT hava kütesinin çok kararlı olması ayrıca mT hava kütesinde alttan ısındığında yoęuşma noktasından uzaklaşması nedeniyle bu dönemde buradaki istasyonlar fazla yağış almazlar. Yaz mevsiminde Van 27.3 mm.ve Ağrı 77.44 mm. yağış alır. Bu nedenlerden dolayı bu bölgedeki yıllık yağış deęerleri de düşüktür. Örneęin Erzurum 448.1 mm., Kars 497.7 mm., Van 382.9 mm. yıllık yağış almaktadır.

Anadolu'nun güneydoęusunda Diyarbakır, Urfa, Mardin, Siirt gibi istasyonlar Doęu Anadolu'daki istasyonlara göre daha az yükselti göstermelerine karşın yağış ortalamaları biraz daha fazladır. Doęu Toros daęlarının güneyinde kalan istasyonlarda özellikle cT hava kütesinin bu daęlar boyunca yükseldiğinde yağış bırakması yağış miktarının artmasına neden olmaktadır. Örneęin Urfa ortalama 466.5 mm. yıllık yağış alırken Mardin 719.73 mm., Gaziantep ise 564.41 mm. yıllık yağış alır. Kışın İskenderun Körfezi'ne gelen güneydoęu Anadolu'ya doęru

devam eden depresyonlar Gaziantep’de yağışın artmasının bir nedenidir. İlkbaharda siklonik yağışlara konvektif yağışlarda eklenir. Gaziantep’in İlkbahar yağışı 158.38 mm.dir. Bu olaylar bölgede bulunan diğer istasyonlar için de geçerlidir. Kış mevsimi en çok yağış aldıkları mevsimdir. Örneğin Urfa 250.7 mm., Mardin 359.8 mm., Diyarbakır 218.47 mm. kış yağışı almaktadır.

### YAĞIŞ , OROGRAFI-BAKI-YÜKSELTİ ETKİLEŞİMİ

Bir yerin, hava kütlelerinin geldiği yöne, diğer bir deyişle rüzgar yönüne açık olmasının hava kütlelerinin özelliklerine bağlı olarak bu bölgenin aldığı yağış miktarını etkilediği bilindiğine göre, mevcut istasyonun bakı şartları ile yağış özellikleri arasında önemli bir ilişki vardır diyebiliriz. Topografya ile rüzgarın ilişkisi karşılıklıdır. Topografya yer rüzgarını kendi doğrultusunda esmeye zorlar. Yeryüzeyinin şekli de rüzgar şiddetini etkilemektedir. Örneğin bir engebe, rüzgar altında kalan yerler için bir rüzgar kırıcısı gibi rol oynar. Bazende yer rüzgarını kanalize ederek Çanakkale Boğazında olduğu gibi o bölgede rüzgar şiddetini artırır. Buna karşılık rüzgara dönük yamaçlarda, ters yönde bulunan yamaçlara göre farklı yağış özelliklerinin olduğunu ve rüzgarın esme yönüne bağlı olarak yükselti veya diğer topografik şartlara göre aynı durumda bulunan yerlerin farklı yağış özellikleri taşıdığını kanıtlayan bir örnek olarak Great Dun Fell bölgesinde yapılan çalışma gösterilebilir. Bu çalışmadaki alan yaklaşık 900m. zirve yüksekliğine sahip olan ayırık tepeleri içeren ve yıllık yağışı 2000 mm.yi aşan kuzeybatı-güneydoğu yönünde uzanan bir sırtı ve yıllık yağışı 900 mm. olmak üzere bu tepeler çizgisinin güneybatısında 150 m. yükseklikteki bir vadiyi

içine almaktadır. Güneybatıdan gelen rüzgarlar sözkonusu tepelerin yüksek bölgelerindeki yağmur yağı miktarlarını önemli ölçüde zenginleştirmektedir. Hava akışının doğudan olduğu veya bloke edildiği durumlarda ise yağmur miktarında yüksekliğe bağlı bir artış gözlenmemiştir. Örnek alınan bölgede rüzgar yönüne bakan yamaçlarda yağış miktarının artışı modelleme yöntemi ile ispat edilmiştir. Biz modelleme yönteminden çok bunun sonucu ile ilgilendik. Sonuç olarak rüzgarın batı veya güneybatıdan esmesi sırasında yağış miktarında bir artış gözlenmiştir. Bu sonucu göre çalıştığımız istasyonlara uyguladığımızda ( yağış değerleri ve rüzgar yönleri karşılaştırılırsa gerçekten rüzgara dönük olan yamaçların ters yönde olanlara göre daha fazla yağış aldıkları çok belirgin olmamakla birlikte ortaya çıkmaktadır.) Bu durumun çok belirgin olmamasının nedeni birbirine çok yakın ve ters yönde bulunan istasyonların değerlerinin elimizde bulunmamasıdır. Bu da mukayese etme olanağını azaltmaktadır. Örneğin, Samsun ve Sinop, bakı özelliklerinin farklı olmasından dolayı, yani olumsuz topografik özelliklere bağlı olarak Karadeniz kıyısındaki diğer istasyonlara göre daha az yağış almaktadır. Bu olumsuz topografik özellik istasyonların kuzeydoğuya açık olmalarıdır. Samsun 713.3 mm., Sinop 658.7 mm. yıllık yağış alır ki Karadeniz kıyısındaki istasyonlara göre bu değerler azdır. Yine de bu toplam yağış bütün yıla eşit olarak dağılmıştır. Yaz kuraklığı söz konusu değildir. Bu da Karadeniz kıyısındaki istasyonların önemli bir özelliğidir. Gerek yıllık gerekse mevsimlik yağış haritalarına bakıldığında istasyonların bu durumu açıkça görülmektedir. Yağış haritalarında Karadeniz'in batı kıyılarından başlayan izohyetler Samsun ve Sinop istasyonlarında kesintiye uğramaktadırlar. Bu kıyılarda izohyetleri kesintiye uğratan üçüncü istasyon ise Trabzon'dur. Özellikle Rize civarında oldukça sıklaşan izohyetlerin dışında

kalan Trabzon'un batısında izohyetler kıyı çizgisi ile birleşmiş bir şekilde ve doğusunda oldukça sık bir biçimde çizilmiştir. Trabzon (792.4 mm.) ile çok yakınındaki Rize (2284 mm.) ve Giresun (1250 mm.) arasında meydana gelen bu yağış farkı rüzgar yönü ve rüzgarın özellikle fön rüzgarlarının etkisine bağlanabilir. (Diğer bir örnek olarak seçilen istasyonlardan Diyarbakır'ın güneybatısı dağlık ve hakim rüzgar yönü yıl boyunca kuzeybatıdır. Mukayese edilen istasyon ise Torosların kuzeyinde yer alan ve güneyi dağlık olan Malatya'dır ki hakim rüzgar yönü yıl boyunca güneybatıdır. Yükselteleri birbirine yakın değerler gösterdiği halde kuzey yönlü hava akımlarına açık olan ve kuzeybatıdan rüzgar alan Diyarbakır'ın yıllık yağış ortalaması 514.06 mm. iken yıl boyunca daha çok güneybatıdan rüzgar alan ve güneyi dağlık olan Malatya'nın yıllık yağış ortalaması 388.7 mm.dir. Mevsimlik yağış haritalarına bakıldığında özellikle kış mevsimi haritasında, bunun yanında yıllık yağış haritasında da bu durum açıkça görülmektedir. İzohyetler bu mevsimde izohips haritasına da benzerlik göstermektedirler. Malatya, kış mevsimi haritalarında, İç Anadolu bölgesini de çevreleyen izohyetin içinde bulunmaktadır. Diğer mevsimlerde Diyarbakır ve Malatya arasındaki bu fark bu kadar belirgin olmamakla beraber yıllık yağış haritasında bu durum net olarak görülmektedir.) Bir diğer örnek olarak Zonguldak ve Samsun verilebilir. İki istasyonunda güneyi dağlıktır. Zonguldak'ta hakim rüzgar yönü güneydoğu, Samsun'da ise güneybatıdır. Burada gelen hava kütlelerine ters yönde bulunan ve bu yönden rüzgar alan Samsun 714.3 mm. yıllık yağış alırken Zonguldak 1205.92 mm. yıllık yağış alır ki bu önemli bir farktır. Yıllık ve mevsimlik yağış haritalarında izohyetler, Karadeniz kıyısında daha öncede söylendiği gibi Samsun civarında

kesintiye uğramakta ve bu durumu belirlemektedir. Başka bir misal olarak yükseltileri ve aralarındaki mesafe birbirine çok yakın olan Manisa ve Akhisar istasyonlarını örnek verirse, yıl boyunca hakim rüzgar yönü doğu olan Manisa ile hakim rüzgar yönü kuzeydoğu olan Akhisar istasyonlarının yıllık yağış değerleri bu farklı rüzgar yönleri nedeniyle oldukça farklıdır. Akhisar'ın kuzeydoğusu dağlıktır ve hakim rüzgar yönü aynı istikamettedir ve 633.83 mm. yıllık yağış almaktadır. Manisa'nın ise güneybatı ile kuzeydoğusu dağlıktır, hakim rüzgarı doğudan almaktadır ve yıllık ortalama yağış değeri 765.16 mm.dir ki bu Akhisardan oldukça farklı bir değerdir. İzohyet haritalarında yaz mevsimi haricinde izohyetler Manisa ve Akhisar arasındaki bu farkı açıkça ortaya çıkarmaktadır. Örneğin yıllık yağış haritasında 700 izohyeti bu iki istasyonu ayırmaktadır. Çok iyi örnekler olmamakla ve yağış özelliklerinde başka faktörlerinde etkili olduğu bilinmekle beraber bu istasyonların yıllık yağış değerlerindeki farklılık, yağış getiren rüzgar yönüne bakan yamaçların daha fazla yağış aldığını göstermektedir diyebiliriz. Hakim rüzgar yönlerine göre çizilen tabloda mevsimlik ve yıllık hakim rüzgar yönleri ile istasyonların aldığı mevsimlik ve yıllık yağışlar karşılaştırılarak bu örnekler çoğaltılabilir. Bir diğer çalışmayı örnek olarak verirse 1991 yılında T. Oki, K. Msiake ve T. Koike tarafından yapılmış olan bir çalışma da da yağış miktarı için dört etkili parametre ortaya konulmuştur. Yükselen havanın hızı, su buharı ihtiyacı, rüzgar hızı ve özellikle rüzgar yönü. Bu teşhis bir modelleme ile ispat edilmiştir. Burada rüzgar yönünün yoğun yağış getiren ve bu yağışı sürdüren su buharı oranı gibi klimatolojik faktörleri etkilediği belirtilmiştir. Bu da bakının yani istasyonun hangi yönden rüzgar aldığına yağış miktarı üzerinde çok etkili olduğunu desteklemektedir. Burada, orografik yağmur dağılımlarının rüzgar hızına ama

zellikle de rzgar ynne duyarlı olduėu vurgulanmaktadır.

Rzgar yatay hava hareketidir ve konveksiyonel hareketlere gre daha geniř sahalıdır. Fakat yoėuřma řartlarında dřey ynde hareketler olmadan nemli miktarda yaėıř dřmez. Bu nedenle yatay hava hareketlerinin yaėıř saėlaması yanında dikey konveksiyonun da yaėıřa etkisini belirtmek gerekir. Topografya zerinde ykselme sonucu oluřan konveksiyonla hava ktlelerinin soėumaları gerekleřir ve bunun sonucunda yoėuřma noktasına eriřilerek zellikle saėanak trnde yaėıřlar meydana gelir. Konveksiyona baėlı yaėıřlar hava ktlesinin cepheler boyunca ykselmesi veya denizler ve karalar zerinde alttan ısınması ile de oluřabilir. Karadeniz kıyılarındaki yaz yaėıřları bu tip yaėıřlara iyi bir rnek teřkil etmektedir.

İstasyon ykseltisi ve yıllık veya aylık yaėıř daėılıřı arasında negatif veya pozitif lineer bir iliřki vardır. Buna baėlı olarak ykselti faktr kısa mesafeler dahilinde bile istasyonlar arasında nemli yaėıř farklarının meydana gelmesine neden olur. Ykselti ile sıcaklıėın dřmesi ve nem oranının artması yaėıř miktarında artmasına neden olur. Yksek yerler zellikle az paralanmıř, ktleli grnmdeki yksek yerler, paralanmıř ayrıık zirvelerin bulunduėu sahalara oranla bol yaėıřlı geniř sahalarda halinde belirirler. Yine de aynı ykseklikte olupta denize daha yakın olan istasyonlar daha ok yaėıř alır.

Ykselti faktrne gre yapılan sınıflandırma ile oluřturulan tabloda ve buna gre izilen grafikte ykselti ile yaėıř artıřı arasında birebir bir eřleme yapılamıyor olması diėer topografik faktrlerin de ykselti ile beraber

değerlendirilmesini gerektirmektedir. Ayrıca istasyonların geniş bir alana seyrek olarak yayılmış olmaları burada yağış-yükselti ilişkisini açık olarak görülmesini engelleyen en önemli nedendir. Bununla beraber yükselti ve yağış artışı arasındaki ilişki kısa mesafeler dahilinde meydana gelen artışlarla örneklendirilebilir. Burada en belirgin örneklerden biri, 1632 m. yükseltisi olan Ağrı 525.45 mm. yağış alırken çok yakınında bulunan 858 m. yükseltideki Iğdır'ın 253.84 mm. yağış almasıdır. Iğdır'ın bu durumu hem yıllık hem de mevsimlik yağış haritalarında çok net görülmektedir. Yağış haritalarında, çevresine göre az yağış alması nedeniyle izohyetler Iğdır çevresinde kapalı olarak çizilmiştir. Burada izohyetin bir ada gibi kapalı çizilmesinin nedeni Iğdır çevresinde veya Türkiye sınırları dışındaki istasyonların yağış değerlerinin elimizde olmamasıdır. İzohyetlerin bu durumu izohiplere benzemesi açısından da daha uygundur. Bir diğer örnek olarak bu çalışmada kullanılmayan bir istasyon olan Bursa ve Uludağ arasındaki fark göz önüne alınırsa, 100 m. yükseltisi olan Bursa 709.3 mm. yağış alırken çok yakınındaki 1920 m. yükseltisi olan Uludağ 1521.3 mm. yağış almaktadır. Bundan başka küçük ölçekli bile olsa yükseltilerin yağışı etkilemesine bir örnek olarak Bergeron'un Upsalla yakınlarındaki tepeler üzerinde yaptığı çalışma da verilebilir. Bu çalışmada yüksekliği 1 km. den az olan küçük ölçekli dağların yağışı, etkilediği düşünülmüş ve hem arazi gözlemleri hem de teorik çalışmalar bu mekanizma fikrini desteklemiştir. Bergeron Upsalla kenarındaki ufak tepelerin (kısmi yükseklikleri 100 m.den az ve yatay boyutları 1-10 km.), aylık yağmur dağılımı üzerindeki etkilerini keşfetmiştir. Sık yerleştirilmiş yağmur ölçerlerden oluşan bu şebekeyi kullanmak sureti ile, sürekli yağış durumlarında, tepelerin kendilerini

çevreleyen bölgelere nazaran %40 ile %100 arasında daha fazla yağış aldığını gösterebilmiştir. Konvektif tipteki yağışlar söz konusu olduğunda ise tepelerin yağmur dağılımı üzerinde ihmal edilebilir bir etkisi olduğu ortaya çıkmıştır. Galler tepeleri (max. yükseklik 600 m.) üzerindeki yağışın orografik zenginliği üzerindeki gözlemler de aynı mekanizmayı doğrulamışlardır. Bu incelemede yağış üzerinde küçük ölçekli topografinin etkisine ait tutarlı bir model ortaya konulmuş, orografik olarak gündeme gelen düşey hareketlerin son derece idealize edilmiş bir modelinden kaynaklanan yağış dağılımı tartışılmıştır. Bu çalışmadan çıkan en önemli sonuç ise yağışın topografinin yatay ölçeği arttıkça artmasıdır. Bu konuda daha bir çok örnek çalışma bulunmaktadır. Yine de dağ istasyonlarının azlığı ya da bulunmayışı yükselti faktörü ile yağış artışı olayının net bir şekilde görünmesini engellemektedir. Bunun yanında yüksek olan kesimlerin aldığı yağışın büyük kısmının kar yağışı şeklinde olması ve burada kar yağışlarını ele almıyor olmamız özellikle kış yağışları genelde de yıllık yağış ortalamalarının yüksek yerlerde kıyı bölgelerine göre düşük olmasına neden olmaktadır. Fakat diğer mevsimlerin yağışlarına baktığımızda birtakım farklılıklar ortaya çıkabilir. Örneğin Ağrı ve Antalya istasyonları karşılaştırıldığında 1632 m. yükseltisi olan Ağrı 525.45 mm. yıllık yağış alırken Antalya 42 m. yükseltide olup 1085.31 mm. yıllık yağış alır, fakat yağışın yıl içindeki dağılımı ve yaz yağışları söz konusu olduğunda Ağrı 77.44 mm. yaz yağışı alırken Antalya 16.67 mm. yaz yağışı almaktadır. Dolayısıyla Ağrı yükseltinin verdiği avantaj ile yıl içinde daha düzenli ve yaz aylarında da daha fazla yağış almaktadır. Antalya örneğinde olduğu gibi yaz mevsiminde kıyılarda yağış miktarının oldukça düşük değerler göstermesi nedeniyle yaz mevsimi yağış haritasında 30 izohyeti özellikle güney kıyılarını çevrelerken daha iç



kısımlarda Ağrı istasyonunu da içine alan 60 izohyeti geçirilmiştir. Diğer mevsimlerde kıyılara doğru artan yağış değerleri nedeniyle mevsimlik ve yıllık yağış haritalarında izohyetlerin değerlerinin de artıyor olmasına rağmen yaz mevsiminde bu durum Karadeniz kıyıları haricinde tersine dönmektedir.

Yükselti ile yağış artışında eğimden de söz etmek gerekir. Eğimin kuvvetli olduğu yerlerde yağış artışı daha fazladır. Tektonik hareketler Türkiye'nin genelde oldukça eğimli bir bölge olmasına neden olmuştur. %150 den büyük eğimler çok yer kaplamaktadır. Çok az eğimli veya yatay düzlükler kıyı ovaları ile büyük akarsu yataklarıdır. Bunların sonucunda Türkiye'de yağış artışında veya dağılımında yükselti faktörü yanında eğim faktörünün de oldukça etkili olduğu gözlemlenmiştir. Yağışın dağların dik olan yamacında maximum değerden minimum değere doğru inişi yamaç boyunca hızlıdır. Yamaçların daha hafif eğimli plato yüzeylerine sahip, daha geniş ve yüksek sahalar halinde olması yağış artışında dik bir yamaca göre daha olumlu bir durumdur. Burada bir parantez açarak Zehnder ve Bannon'un modellerinde topografinin cephelere etkisini çalıştıklarını ve sonuç çözümlerinde cephenin dağ eğiminde yukarı hareket ettikçe zayıfladığını korunmalı eğimde aşağıya doğru hareket ettikçe güçlendiğini bulduklarını belirtmek yerinde olur. Burada cephenin dağ eğiminin az olduğu kısmı daha uzun sürede tırmandığı diğer taraf için daha az zaman harcadığı ispatlanmıştır. Dolayısıyla dağ eğimlerinin cepheler üzerindeki bu etkisinin yağış miktarı üzerinde de olumlu veya olumsuz farklar yaratacağı bir gerçektir. Burada kısaca sözü edilen eğim faktörünün, daha küçük çaplı alanlarda çalışılarak ve daha ayrıntılı hesaplar yapılarak yağış üzerindeki etkisi

incelenmelidir kanaatindeyim. Ancak bu şekilde bu faktörün öneminin daha iyi anlaşılacağı ve Türkiye çapında daha iyi sonuçlar alınacağı inancındayım. Daha ilerde bu yönde çalışmalar yapmayı düşünmekteyim.

## SONUÇ

Bu bilgiler ve örnekler ışığında sonuç olarak diyebiliriz ki Türkiye de , yağış özelliklerini belirleyen hava küleleri ve cepheler gibi dinamik süreçler yanında rüzgar yönü, nemlilik gibi iklim unsurları üzerinde etkili olan topografik özellikler yağış miktarını ve dağılımını önemli ölçüde etkilemektedir. Küresel anlamda bakıldığında küçük bir bölge olan Türkiye topografik özellikleri nedeniyle kısa mesafeler dahilinde çok farklı yağış özellikleri gösterir. Çizilen mevsimlik ve yıllık yağış haritalarında da açık olarak görüldüğü gibi orografi yağışın dağılımını belirlemektedir. Karadeniz ve Akdeniz kıyıları boyunca uzanan dağ sıralarının kıyıya bakan yamaçları yıl boyunca iç kısımları bakan yamaçlardan daha fazla yağış almaktadır. Bu durum, gerek yıllık gerekse mevsimlik yağış haritalarında izohyetlerin bu bölgelerde sıkışıyor olmasından da net bir şekilde anlaşılmaktadır. Bu çalışmada kar yağışları hesaba katılmıyor olsa da yüksek olan alanların daha fazla yağış aldıkları malumdur. Yine de oldukça yüksek ve engebeli bir bölge olması nedeniyle bütün Anadolu'da orografi, dolayısıyla bakı faktörü yağış miktarını ve dağılımını en çok etkileyen faktörlerdir. Bakı özelliklerinin hakim rüzgar yönlerine dolayısıyla gelen hava külelerine ters yönde olması bir yerin aldığı yağış miktarını olumsuz olarak etkilemektedir. Seçilen istasyonlar arasından verilen örnekler bunu kanıtlamaktadır. Kısaca orografi, bakı, yükselti, eğim gibi faktörler ayrı ayrı yada birlikte yağış miktarını ve dağılımını belirlemektedir.

Yerleşme, tarım ve insana ait diğer etkinliklerin iklim unsurlarına özellikle de yağışa olan bağımlılığı nedeniyle bir bölgedeki yağış özelliklerinin bilinmesi çok önemlidir. Yağış özelliklerini etkileyen en önemli unsurlardan birinin de topografya faktörü olduğu bilindiğine göre bu faktörün yağış miktarı ve dağılışı üzerindeki etkilerinin iyi bilinmesi gerekmektedir.

Tablo 1

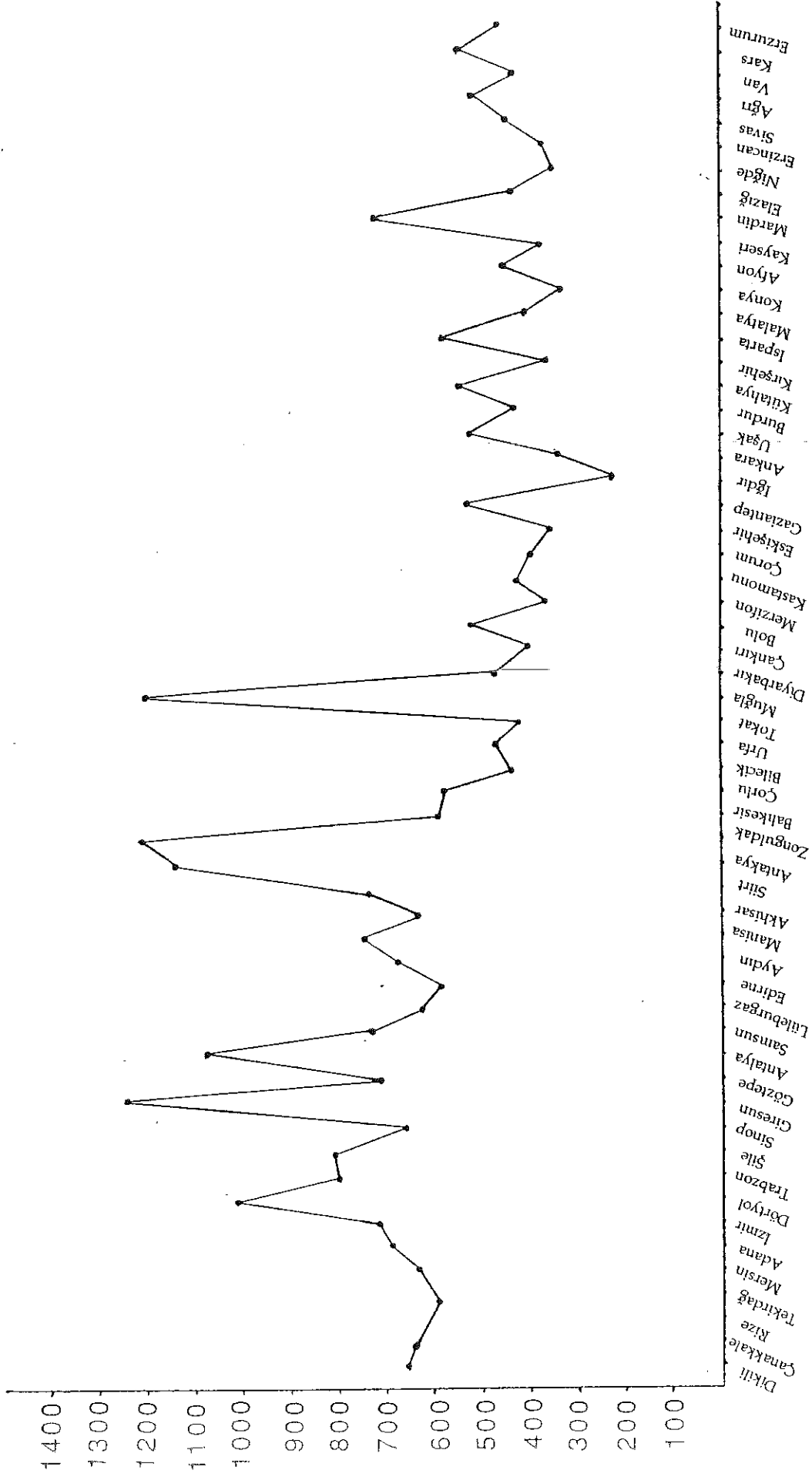
İstasyon Adı	Yükseklik(m)	Yıllık Ort. Yağ.	Mevsimlik ortalama Yağış			Topografik Konum
			İlkbahar	Yaz	Sonbahar	
Dikili	3	651.29	137.75	12.97	149.6	Kış 350.93
Çanakkale	3	636.88	139.52	54.34	162.81	NE'su dağlık, deniz etkisine açık 280.27
Rize	4	2284	366.6	466.1	774.8	SE'si dağlık, deniz etkisine açık 676.4
Tekirdağ	4	578.52	134.16	74.82	159.34	S'si dağlık, deniz etkisine açık 210.2
Mersin	5	615.89	110.97	21.25	124.49	W'si dağlık, deniz etkisine açık 359.08
Adana	20	674.4	173.32	41.5	125.73	N ve NW'si dağlık 333.84
İzmir	25	700.26	148.55	17.01	140.4	N'dağlık,S'i deniz etkisine açık 394.3
Dört Yol	28	1000.54	290.21	106.1	236.07	S'inde Bozdağlar,Gediz grabeni üzerinde 368.22
Trabzon	30	792.4	162.8	129.6	273.2	E'su dağ sıraları, deniz etkisine açık 226.8
Şile	31	804.73	149.1	97.95	263.75	S'i dağlık, N kıyı etkisine açık 293.93
Sinop	32	658.7	125.2	108.2	217.5	S'i arızalı 208.8
Giresun	38	1250.7	241.8	242.3	413	S'i dağlık 353.6
Göztepe	39	687.1	139	72.21	196.2	Deniz etkisine tamamen açık 276.6
Antalya	42	1085.31	167.9	16.67	210.62	N ve W'si dağlık 690.1
Samsun	44	713.3	171.1	109.8	217.2	S'i dağlık, N deniz etkisine açık 215.2
Lüleburgaz	46	602.78	138.94	96.08	165.44	NE'su dağlık 202.32
Edirne	48	597.26	146.31	106.93	156.29	NE'su dağlık 187.71
Aydın	57	681.32	150.23	25.28	141.85	N'i Aydın dağları 363.95
Manisa	71	765.16	177.55	41.67	157.46	SW-NW'si dağlık,W açık, Gediz grabeni üzerinde 388.48
Akhisar	93	633.83	148.33	42.29	129.08	NE'su dağlık 314.13
Süirt	95	737.2	288.1	10.46	136.2	N'i dağlık 302.5
Antakya	100	1159.43	313.78	62.46	214.98	N ve S'i dağlık, ova üzerinde 568.21
Zonguldak	136	1203.92	224.3	220.03	359.8	S'i dağlık, N'den kıyı etkisine açık 399.8
Balıkesir	147	598.5	151.3	45.24	137.91	Çukur bir alan 264.05
Çorlu	183	574.3	134.67	82.06	150.19	NW-SEdoğrultusunda, NW'dan gelen hava kütlelerine açık 207.51
Bilecik	526	447.23	137.58	72.55	89.25	E ve W 'sı arızalı 147.85
Urfa	547	466.5	146.5	3.58	65.74	N'i dağ sırası(plato) 250.7
Tokat	608	417.76	150.48	51.49	84.37	N'i dağ sırası 131.41

Tablo 1

Muğla	646	1247.8	230.35	42.1	224.57	750.78	E ve NE'su arızalı, plato konumunda
Diyarbakır	660	497.92	185.2	7.95	86.09	218.47	SW'sı dağlık (Plato)
Çankırı	751	412.2	141.9	74.45	62.66	133.19	N ve NW'sı dağlık
Bolu	742	544.09	158.03	101.97	113.5	170.59	N'i Bolu dağları
Merzifon	755	383.77	134.26	68.51	73.89	107.1	Etrafi dağlık
Kastamonu	791	458.53	158.9	122.75	87.75	89.13	N ve S'i dağlık
Çorum	798	420.12	146.06	78.42	77.82	117.81	N'i dağlık
Eskişehir	800	383.33	123.68	56.95	71.43	130.26	N ve SW'sı dağlık
Gaziantep	855	542.68	158.38	10.03	90.83	283.43	N ve W'sı dağlık (Plato üzerinde)
İğdir	858	253.84	98.51	54.42	53.53	47.38	S'i dağlık, çevresine göre çukur alan
Ankara	894	375.93	126.95	55.75	71.18	122.05	S'i Elmadağ, (İç Anadolu çanağı içinde)
Uşak	919	551.4	157.3	51.21	106.5	236.39	N'i Murat Dağl., dağlık alan üzerinde plato sahası
Burdur	967	435.68	128.45	44.09	83.43	179.26	NW'sı dağlık, N'i Burdur gölü
Kütahya	969	574.79	167.24	70.97	109.12	227.45	W'sı dağlık
Kırşehir	985	381.6	127.7	45.32	68.69	139.81	Etrafi dağlık, İç Anadolu çanağı içinde
İsparta	997	600.86	171.8	58.82	100.6	269.6	Etrafi dağlık, NE ve W'sında göller var
Malatya	998	388.7	157.6	22.84	81.98	126.27	S'i dağlık
Konya	1028	336.2	115.31	36.56	69.45	114.95	W ve S'i dağlık, Konya ovası üzerinde
Afyon	1034	437.35	148.86	69.58	83.56	135.35	W'sı dağlık
Kayseri	1068	368	141.2	52.77	65.95	107.9	S, SE'su dağlık
Mardin	1080	719.73	244.78	5.84	109.3	359.8	Çevresine göre yüksek, dağlık bir alan
Elazığ	1105	423.34	180.72	15.91	90.84	135.78	Etrafi dağlık
Niğde	1208	340.92	128.36	39.65	61.54	111.36	S ve N'i arızalı
Erzincan	1215	370.4	144.67	49.96	85.27	90.5	S ve N'i dağlık
Sivas	1285	416.6	159.09	47.83	83.37	126.4	NW ve N'i dağlık
Ağrı	1632	525.45	189.06	77.44	116.55	142.42	N'i dağ sıraları
Van	1725	382.9	146.04	27.36	103.9	105.6	S ve E'su dağlık, W'da Van gölü
Kars	1775	497.7	157.8	173.9	96.59	69.32	NW'sı dağlık (Plato)
Erzurum	1869	448.1	164.45	100.38	106.5	76.82	Çevresi dağlık (Erzurum-Kars platosu üzerinde)

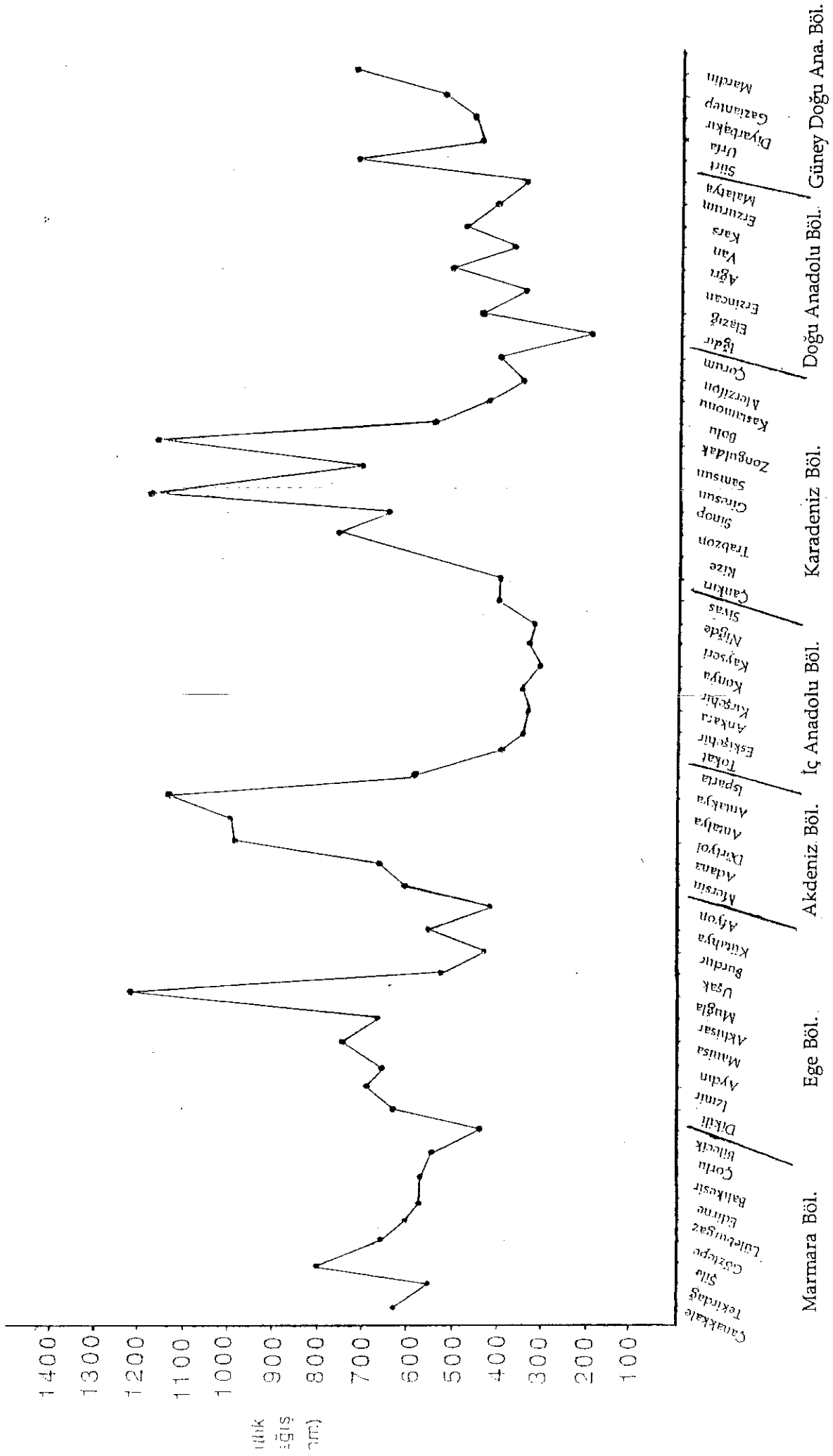
Tablo 2

BAKI DURUMU	İSTASYON ADI	HAKİM RÜZGAR YONLERİ				
		İlkbahar	Yaz	Sonbahar	Kış	Yıllık
	Rize	SW	SW	SW	SW	SW
	Sinop	SE	NW	NW	SE	NW/SE
	Samsun	NW	NW	SW	SW	SW
	Trabzon	E	S	S	S	S
S'i dağlık	Zonguldak	NW/SE	SE	SE	SE	SE
	İzmir	SE	W	SE	SE	SE
	Şile	NE	NE	NE	SW	NE
	Giresun	NE	NW	SE	SE	SE
	Ankara	NE	NE	NE	NE	NE
	İğdır	SW	NE	SW	SW	SW
	Malatya	SW	SW	SW	SW	SW
	Adana	N	S	N	N	N
	Bolu	W	W	SW	SW	W
	Çorum	NE	NE	NE	E	NE
N'i dağlık	Ağrı	SW	NE	SW	SW	NE/SW
	Aydın	E	SW	E	E	E
	Uşak	W	N	W	E	W
	Urfa	W	NW	NW	NW	NW
	Siirt	NE	NE	NE	NE	NE
	Tokat	NE	N	N	N	N
	Elazığ	NW	NW	NW	E	NW
	Kırşehir	N	N	N	N	N
	Isparta	SE	NE	W	SE	SE
Etrafı dağlık	Erzurum	SW	NE	SW	SW	SW
	Balıkesir	N	N	N	N	N
	Merzifon	NE	NE	NE	NE	NE
	Antakya	SW	SW	SW	NE	SW
S ve N'i dağlık	Erzincan	W	N	W	W	W
	Kastamonu	SW	SW	SW	SW	SW
	Niğde	NE	NE	NE	NE	NE
SW ve NW'sı dağlık	Manisa	E	E	E	E	E
SW'sı dağlık	Diyarbakır	NW	NW	NW	NW	NW
	Afyon	NW	NW	NW	SE	NW
W'sı dağlık	Tekirdağ	NE	NE	NE	NW	NE
	Kütahya	NW	N	N	S	N
E'su dağlık	Dört Yol	E/SW	SW	E	E	E
	Lüleburgaz	NE	NE	NE	NE	NE
NE'su dağlık	Dikili	SE	SE	SE	SE	SE
	Akhisar	NE	NE	N	NE	NE
	Edirne	N	N	N	N	N
	Mersin	SW	SW	SW	NE	SW
NW'sı dağlık	Kars	SW	NE	SW	S	SW
	Burdur	SE	NW	S	S	SE
E ve S dağlık	Van	E	E	E	E	E
W ve S'i dağlık	Konya	N	N	N	N	N
SE'su dağlık	Çanakkale	NE	NE	NE	NE	NE
N ve W'sı dağlık	Antalya	NW	NW	NW	NW	NW
	Antep	SW	NW	SW	NE	SW
E ve W'sı arızalı	Bilecik	W	W	W	E	W
NW ve SE'su dağlık	Çorlu	NE	NE	NE	NE	NE
N ve SW'sı dağlık	Eskişehir	W	W	W	E	W
N ve NE'su dağlık	Muğla	NW	NW	NW	SE	NW
S ve SE'su dağlık	Kayseri	W	NW	S	W	NW
N ve NW'sı dağlık	Sivas	N	N	N	NE	N
	Çankırı	NW	NW	N	NW	NW
Deniz etkisine açık	Göztepe	NE	NE	NE	NE	NE
Yerine göre yüksek	Mar'din	S	N	N	S	N



(\*) Rize 2284 mm. yıllık yağış ile istisna teşkil ettiği için grafikte gösterilmemiştir.

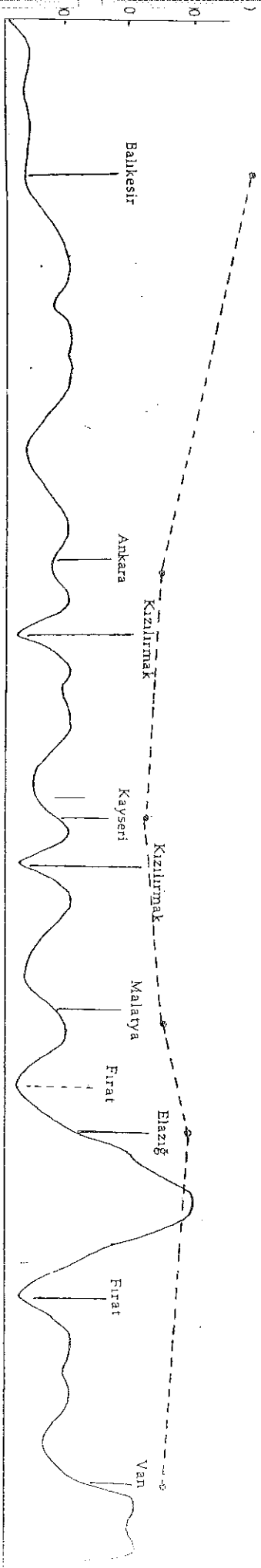
(\*\*) İstasyonlar yükseltilerine göre sıralanmıştır.



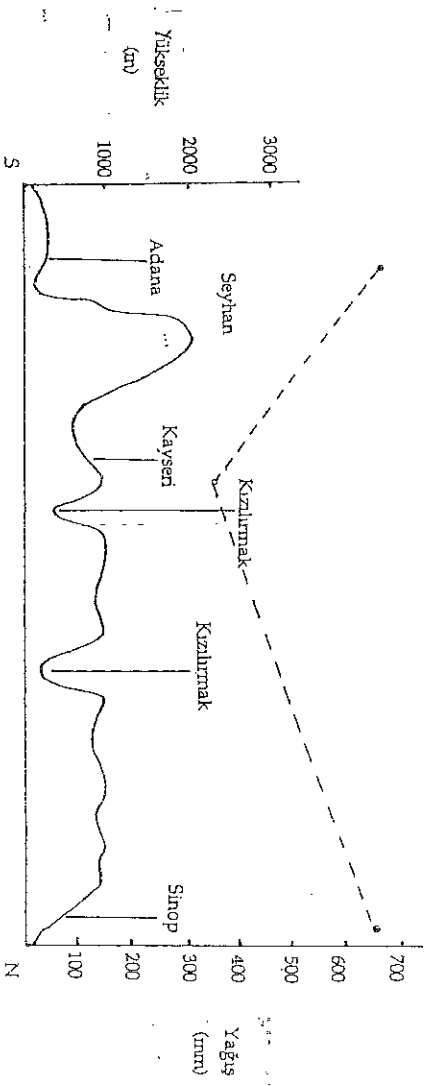
(\*) Rize istasyonu 2284 mm. yağış ile istisna teşkil ettiği için grafikte gösterilmemiştir.

(\*\*) İstasyonlar Bölgelere göre sınıflandırılmışlardır.





Batı-Doğu Yönünde Topografik Profil ve Yağış Grafiği



Kuzey-Güney Yönünde Topografik Profil ve Yağış Grafiği

— Topografya Eğrisi  
 - - - - - Yağış Eğrisi

Kişi	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
37.6	58.6	53.7	354.4	703.2	31	148.3	58.8	164.2	169.1	21.1	49	3	1.7	0.3	17.9	40.4	29.4
104.4	100.2	46.2	146.9	397.7	32	40.7	63.3	41.9	41.5	63.5	18	9.1	19.1	7.8	25.6	66.8	0.4
173	88.3	41.6	129.7	432.6	33	28.3	35.6	62	55.6	12.1	13.4	9.1	19.1	43.2	31.8	13.3	109.1
171.1	90.9	68.6	118.9	484.8	34	34.9	97.1	41.4	19.2	58.3	66.4	2.2	0	7.9	76.1	6.9	74.4
317.4	234.3	32.1	202.2	786	35	137.5	96.9	108.4	78.4	15.4	0.3	0.1	31.7	20.8	130.4	83.1	83
421.6	121.6	44.9	153.5	744.1	36	15.3	154.7	20.2	60.7	72.6	22	22.4	0.5	4.8	58.7	58.3	253.9
157.9	195.7	13.7	44.2	416.5	37	64.3	57	2.3	26.3	15.6	4.6	9.1	0	10.1	24.7	160.9	41.6
184.4	184.4	34	201.1	749.6	38	136.5	92.4	39	18.8	143.3	17.7	5.2	11.1	22.3	53.4	108.7	83
303.3	82.2	95.6	242.7	723.8	39	156.3	64	149.3	50.7	42.7	75.9	0.1	19.6	1.4	32.7	48.1	83
106.7	175.6	42.7	112	740.2	40	114.3	191.9	24.7	23.4	63.9	14.5	9.1	19.1	1.2	83	91.6	103.5
214.3	74.9	26.3	97.7	413.2	41	61.9	69.3	41.4	13.6	42.7	6.5	16.4	3.4	9.7	59.2	6	83.1
300.1	304.1	9.9	113.8	728.3	42	188.4	107.2	89.7	17.7	68.7	30.1	0	19.1	10.1	70	18.4	43.1
591.1	96.5	49.2	145.3	684.3	43	296	52.2	22.3	54.3	17.6	3.7	3.2	3	27.3	50.9	95.8	64
174	174	37.1	172.5	732.6	44	99.6	185.4	70	17.7	84.8	17.8	9.1	10.2	0	34	32.4	194.1
130.3	66.4	67.4	108.3	582.3	45	108.9	163.6	92.3	27.2	97.5	18.9	6.8	19.1	10.1	54.7	8.2	135.9
117.7	73	44.8	217	645.5	46	11.2	122	50.7	3.7	11.8	1.1	0.9	19.1	26	12.9	264.5	143
433.4	305.4	21.1	66.2	805.1	47	149.4	377.8	18	72.4	55.8	0.1	0	24.5	21.2	15.8	19.2	73.6
100.7	56.2	24.6	146.2	749.3	48	70.9	37.8	18	53.4	42.7	0	1.1	0	108.9	3.5	66.5	113.3
375.6	178.9	1.1	166.6	725.2	49	181.8	83.5	70.5	51.2	196.3	5.7	20.9	19.1	27	47.3	15	41.2
151.3	89.3	45.7	365.2	662.6	50	55.9	65.3	117.7	36.2	44.9	21.3	22.8	19.1	67.9	76.6	60.5	93.7
201	205	63.2	138.9	658.1	51	132.8	24.7	57.8	15	54.1	5.5	0.1	19.1	0	2.9	84.2	258.5
123.3	87.1	24.7	155.6	689.9	52	37.8	126.2	86.5	86	32.2	9.1	9.1	0	6.6	26.9	59.6	43.9
135.2	93.1	9.4	213.3	651	53	192.4	98.9	95.1	105.8	12.1	22.4	9.1	19.1	4.9	84.5	70.9	242.3
437.7	160.3	50.6	165.3	783.9	54	140.7	24.7	47.4	73.8	21.1	3.5	0	27.5	0	17.8	102.6	61.8
302.8	120.4	31	193.8	503.5	55	46.8	49.7	98.9	5.3	81.2	0	9.1	7.5	15.9	0	18	73.6
145.2	33.9	16.6	127.8	481.1	56	90.9	138.3	41.3	86.1	59	37.8	9.1	19.1	3.9	18.4	52.1	259.1
145.2	74.4	66	189.6	675.2	57	45.6	40.5	44.5	36	23.3	38.5	1.5	19.1	16.5	13.9	8	61.5
350.1	38.4	42	134.1	564.6	58	228.5	60.1	74.8	24.3	18.5	63.2	0.2	9.3	13.3	21	24.2	136.5
440.7	58.5	72.7	48.4	621.9	59	264.8	41	5.6	175.4	64.5	11	2.9	0	2.6	6	55.6	51.3
138.4	64.2	13.9	275.7	482.2	60	50.9	26.2	175.4	35.8	32.8	0	9.1	19.1	21.1	56.7	16.9	364.2
177.1	94.7	28.2	116.1	876.1	61	36.9	236	53.5	29.8	21.8	0	9.1	0	10.1	30	2.5	273.6
196.1	42.6	9.1	138.2	686	62	77.9	144.6	39.2	65.5	33.5	0	9.1	0	5.8	11.4	23.7	31.1
150.8	40.9	59.9	367.7	828.4	63	168.5	160.3	66.7	89.6	211.4	30.7	10.1	19.1	1.8	32.7	91.4	38.7
156	125.9	80.3	180.2	572.4	64	10.5	136.8	93.9	45.8	40.5	71.2	9.1	0	0	18.5	20.1	180.1
101.5	38.6	33.2	203	666.7	65	62.7	149.1	111.3	69.9	21.8	27.9	0	5.3	0	10.5	68.3	203.9
125.8	92.1	7	106.4	731.3	66	299.1	22.8	79.2	16.9	10.3	0.5	6.5	0	13.3	10.5	137.3	109.6
149.2	172.5	44	432.6	898.3	67	91.7	47.9	166.1	192.8	73.7	23.4	1.5	19.1	1.7	23.5	342.7	345.8
641.6	455.1	46.7	120.9	1264.6	68	229.8	66.3	50.6	7.4	62.9	36.1	10.4	0.2	55.8	56.6	31.9	110.5
171.2	113.8	62	181.3	728.4	69	202.2	58.6	126.2	24.8	30.3	33.8	9.1	19.1	15.1	66.8	94.2	64.8
171.5	139.8	8.4	93.6	465.3	70	61.6	97.1	72.9	7.1	13.6	1.8	6.6	0	6.6	39	60.1	64
172.1	73.5	21.6	170.6	438.4	71	17.3	91.4	36.5	127.3	6.8	15.6	0.6	5.4	11.8	1.6	60.1	64
304.5	75.5	53.8	102.1	435.9	72	19.8	87.3	29.7	36.2	36.2	26.5	8.2	19.1	9.3	37.7	28.5	97.4
127.4	93.4	62.3	152.9	436	73	25.8	23.3	36.2	86.3	28.4	34.1	9.1	19.1	10.2	18.2	65	78.3
145.1	119.2	69.4	100.3	751	74	95.2	32.5	58	38.7	3.6	17.7	9.1	42.6	54.6	28.5	36.1	334.4
172.4	81.3	24.4	232	610.1	75	91.1	100	52.1	154.4	25.5	5.3	0	19.1	2.3	1.6	77.4	81.3
378.5	277.2	55.2	331	1041.9	76	160	58	52.2	127.6	151.2	0.9	51.3	3	27.3	95.3	154.6	160.5
130.4	62.2	33.9	168.2	624.9	77	154.8	60.9	52.8	80.5	34.9	1.8	13	19.1	10	48.4	3.8	144.9
430.4	132.2	45.9	124.9	783.4	78	175.7	161.3	69.6	50.2	5.1	17.7	9.1	19.1	17.1	99.1	16	143.4
243.1	174.6	65.2	85.4	565.3	79	72.2	30.6	21.1	34.4	29.9	46.1	0	19.1	5.9	32	136.7	137.3
363.6	124.2	29.3	283.3	799.4	80	182.2	109.3	124.7	95.2	63.4	1.1	9.1	19.1	1.8	24.5	97.9	71.1
783.0	128.4	153.5	158.6	1204.4	81	394.5	153.2	46.1	63.8	48.7	125.3	9.1	19.1	4.9	63.8	59.7	216.2
344	169.9	30.8	267.3	812	82	89.1	145.3	74	89	104.3	30.6	0	0.2	38	8.2	123.7	109.6
186.2	81	18.9	147.9	534	83	145.8	85.1	51.5	94.7	1.7	0.2	0.1	18.6	0	7.2	73.8	55.3
224.6	194.8	7.9	147.9	645.2	85	178.1	76.4	53.8	30.4	63.7	7.9	0	10.5	0	116.5	67.8	40.1

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
164.7	26.5	85.3	186.7	483.2	31	47.9	51.6	42.6	71.9	72.2	75.9	5.3	4.1	8	2.1	16.4	85.2
69.7	71.6	14	105.3	260.6	32	31.2	37.3	34.8	23.1	47.4	3.4	5.3	5.3	7.4	1.4	62.8	1.2
123.8	56.8	82.9	205.8	459.3	33	18.1	35.3	68.4	55.6	81.8	38.6	41.5	2.8	8	2.5	46.3	60.4
151.7	70.2	29.9	112.7	364.5	35	58	70.1	58.2	49.3	5.2	8.4	14.5	7	15.2	29.8	25.2	32.6
220.9	60.5	131.2	161.9	474.5	36	11.7	77	35.9	43.9	82.1	24.9	103.9	2.4	2.3	25.1	33.1	32.2
128.4	105.8	17.3	131.2	382.7	37	58.3	28.3	11.9	39.2	80.1	0.2	10.6	6.5	15.2	49	41.6	41.8
122.2	109.1	56	142.1	440.9	38	60.4	30.8	30.1	63.6	48.4	1.3	28.4	26.3	43.2	31.6	34.3	42.5
122.2	119.7	71.1	112.6	425.6	39	23.9	23.9	61.5	23	139.1	38.6	3.4	29.1	52.3	36.3	31.1	74.4
122.1	62.1	105	211.1	579.3	40	64.5	21.7	25.7	45.8	139.6	67.2	14.5	23.3	14.3	36.1	11.7	114.9
122.1	139.2	135.1	168	633.1	41	68.6	61.9	74.4	82.5	11.1	45.4	89.7	0	20.1	44	75.1	60.3
122.7	122.1	89.1	115.2	454.1	42	78.7	33.5	29.1	59	27.1	30.3	13.1	45.7	18.3	60.2	43.6	15.5
122.6	132.1	41.5	164.6	456.8	43	56.2	22.3	14.9	60.6	89.1	36.4	0.6	4.5	24.2	56.7	51.2	40.1
122.5	63.6	108.5	149.6	520.2	44	43.7	89.9	63.8	34.3	51.5	60.3	3.5	44.7	8.4	26.6	28.6	64.9
122.1	107.6	73.8	306.7	679.1	46	16.6	65.6	137	54.4	115.3	73.8	0	0	5.8	52.3	49.5	108.8
122.7	96.1	108.4	66.9	497.1	47	101.9	33.2	17.5	21.2	28.2	63.7	33.9	10.8	4.5	43.5	48.1	90.6
122.5	84.3	31.3	188.3	572.4	48	46	114.2	70	60.4	57.9	31.3	0	0	22.3	17.8	44.2	108.3
122.5	48.4	62.4	167.3	476.6	49	103.3	53.1	100.7	56.9	9.7	23.2	30	9.2	16.3	4.8	27.3	43.1
122.9	62	62.2	293.1	483.2	50	33.1	12.1	83.9	46.5	162.7	46.2	0	16	0.5	25.4	36.1	20.7
123.3	115.9	188.1	183	598.3	51	31.8	41.3	99.8	71.3	11.9	53.3	133.9	0.9	2	89.6	24.3	38.2
124.4	114.6	133.9	115.4	478.3	52	30.1	51.6	29.4	35.2	40.9	80.2	50.3	3.4	10.1	53.9	50.6	32.7
125.5	67.6	53.6	123.6	427.3	53	94.8	70.7	29.4	26.3	67.9	51	2.6	0	36.1	6.8	24.7	17
126.1	49.3	9.3	148.1	392.8	54	72.2	41.9	37.4	41.8	68.9	4.2	1.5	3.6	33.1	1.1	15.1	72
127.8	139.9	53.4	158.2	453.3	55	33.4	31.6	26.4	69.8	62	0	29.8	23.6	30.5	26.5	82.9	36.8
128.1	22.9	11.2	127.9	320.1	56	27.7	106.7	50.6	11.8	65.5	10.3	0.9	0	0.9	1.7	20.3	23.7
128.9	103	119	171.3	477.2	57	36.1	13.7	25.8	56.9	88.6	79	34.4	5.6	34.5	18.1	50.4	34.1
129.8	149.2	63.8	203.8	513.6	58	54.4	12.1	82	52.5	69.3	46.7	10.1	7	104.7	31	13.5	30.3
128	69.6	68.2	74.9	350.7	59	86.4	14	5	24	45.9	39.1	18.2	10.9	3.6	35	31	37.6
120.7	58	85.2	221	544.9	60	66.3	74.2	83.5	64.2	73.3	72.9	11	1.3	18.3	20.5	19.2	40.2
127.2	107.1	90.5	93.9	428.8	61	25.6	60.5	26.5	41.7	25.7	55.7	34.8	0	48.5	52.4	6.2	51.2
120.3	127.2	22.6	147.7	467.8	62	25.4	52	36	60.1	51.6	10.7	8.8	3.1	32.6	70.9	23.7	92.9
122	86.1	154.2	264.3	623.6	63	59.7	46.9	54.8	43.7	165.8	102.6	44.6	7	16.6	58.1	11.4	12.4
122	48.1	95.2	144.1	386.4	64	2.5	32.5	81.3	19	43.8	94	1.2	0	11.4	0.5	36.2	64
123.1	51.1	24.4	114.5	293.1	65	19.9	40.6	38.2	40.7	35.6	16.2	8.1	0.1	13.3	8.7	29.1	42.6
120.6	34.3	40.2	97	322.1	66	52	15.4	34.8	15.6	46.6	20.6	15.2	4.4	13.6	8.5	12.2	83.2
124.6	66.3	18.9	126.6	293.4	67	18.1	20.5	26.8	58.9	40.9	5.7	3.5	9.7	11.4	32.9	22	43
124.1	141.5	53.9	165.9	535.4	68	67.7	38.4	110.7	28.4	26.8	25.5	13.9	14.5	50.9	31.4	59.2	68
127.3	61.4	36	150.5	445.2	69	74.5	48.1	39.6	62.1	48.8	19.6	16.1	0.3	9.7	17	34.7	74.7
123.1	51.6	82	64.6	306.3	70	35.6	28	23.1	26.1	15.4	22.8	38.7	20.5	11.1	39	13.4	32.6
123.3	113.8	94	136.6	453.6	71	24.5	33.9	61.2	54.9	60.8	28.3	15.4	7.9	38.3	57.4	18.1	52.9
123.3	66.7	24.6	123.1	286.7	72	21.9	29.3	22.4	31.7	31.2	65.4	23.6	47.8	8.5	67.9	17.6	0.3
123.3	42.9	13.6	91.2	238.2	73	7.3	22.9	41.5	27.7	53.9	5.3	3.8	15.5	2.5	55.1	9.1	42.1
123.1	70	107.6	143	433.7	74	20.9	41	32.8	33.8	24.6	3.8	10	9.8	14.8	6.4	21.7	28.6
123.1	93.2	83.4	199.3	512.8	75	34.4	39.6	46	18.3	78.7	73.3	19	15.3	1.3	13.6	55.1	39.1
125.1	75.9	42.7	115.2	318.9	76	65.9	29.1	31.8	65.6	101.9	14.4	68.4	0.6	0.4	74.9	17.9	41.9
122.6	88.3	41.9	161.7	464.7	77	27.6	23.4	15.4	62.9	36.9	32.9	7.6	2.2	32.5	31.6	11.8	34.1
122.6	115.8	73.7	186.4	472.4	78	52.1	73.7	93.8	48.9	19	41.8	0.1	0	23.8	63	1.5	47
122.5	126.3	21.7	121.6	408.2	80	66.4	11.3	18.4	53.1	126.7	72.7	0.8	0.2	5.7	44.6	65.5	32.1
122.9	76.8	69.6	83.8	374.1	81	74.6	23.5	26.1	28.7	31.7	12.7	1.2	7.8	35.4	39.9	51	51.9
122.7	104.2	83.3	105.1	309.7	82	31.7	26.3	21.9	57.7	25.5	43.3	22.5	17.5	3.7	27.6	10	22
122.7	104.2	129.2	200.7	447.8	83	28.1	34.1	33.4	43.6	23.7	76.2	42.1	10.9	13.3	14.7	76.2	51.5
122.5	34.7	34.4	207.6	368.2	84	29.6	41.2	62	104.3	4.7	4.7	14.7	15	0.5	0.3	33.9	20.8
122.7	70.8	65.1	103.4	422	85	68	55.7	30.2	28.1	45.1	41.9	0.2	23	0.1	53.2	17.5	59

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
261	208	78.8	208	829.4	40	81.8	55.5	41.7	88.2	78.1	53.5	15.5	9.8	81	145.5	34.5	144.3
93.2	174.8	11.9	174.8	492.6	41	107.1	42.4	52.9	98	23.9	1.9	2.3	7.7	2.4	40.6	50.2	63.2
192.4	269.8	58.5	269.8	732.1	42	90.1	46.5	116.5	85.6	67.7	48.6	0.1	9.8	3.5	88.9	100	74.8
161.4	135	52.5	135	445.7	43	66.8	56.5	41.8	35.9	57.3	38	1	13.5	0.8	79.2	16.8	38.1
110.3	187.8	57.8	187.8	449.5	44	58.7	21.7	50.3	63.4	74.1	46.3	1.7	9.8	5.9	53.2	15.2	13.2
61.8	106.1	51.6	106.1	323	45	35.9	19.2	31.2	25	49.9	33.1	10.3	8.2	16.5	16.1	29.2	48.4
237	186	80.4	186	664.9	46	52.1	69.3	52.5	64.7	68.8	40	21.1	19.3	9.1	220.5	7.4	40.1
164.5	159.1	107.5	159.1	619.3	47	105.7	48.4	24.9	60.7	73.5	72	31.2	4.3	22.6	24.2	117.7	34.1
127.1	253.5	78.9	253.5	466	48	31.7	80.2	93	71.5	86	60.5	17.1	1.3	4.1	51.8	71.2	32.7
153.1	239.7	39.3	239.7	466	49	48.7	67.1	62.8	96.7	80.2	4.1	10.4	24.8	4	7.6	10.3	49.3
197.8	147.4	60.7	147.4	526.4	50	54.9	29.9	61.7	23.9	62.8	47.5	11.1	2.1	2.9	114.1	80.8	35.7
246.3	162.5	43.7	162.5	582	51	57.3	43.4	30.1	64.7	67.7	26.8	8.1	8.8	85.2	32.7	28.8	36.1
39.5	152.7	92.5	152.7	479	52	40	118.2	35.3	72.8	44.6	84.4	1.6	6.5	3.4	24.8	11.3	36.1
192.6	240.4	76.2	240.4	709.9	53	56.4	93.1	74.5	84.2	81.7	49.4	141.7	1.5	0.1	26.7	81.9	18.7
165.9	145.6	68.8	145.6	477.4	54	105.7	46.8	48.8	54.3	42.5	25.7	28.6	14.5	32.2	21.6	22.4	34.3
103.9	247.8	86.1	247.8	522.1	55	8.1	17.4	72.3	103.9	71.6	7.7	44.8	33.6	24.3	1.9	77.7	58.8
89.9	187.4	30.6	187.4	446.3	56	27.1	67.3	90.4	72.3	24.7	7.9	17	5.7	20.9	19.2	49.8	44
71.6	189.2	81.8	189.2	486.4	57	64	44.2	48.9	44.1	96.2	48.2	25.6	8	8.4	26.5	36.9	35.4
36	198	106.8	198	460.3	58	49.6	12.9	79.9	47	71.1	81.2	24.1	1.4	12.4	2.8	20.8	57
181.3	174.7	97.1	174.7	540.3	59	40.9	32.4	14.7	57.6	102.4	40	34	23.1	36	104.6	40.7	13.9
69.5	198.9	95.7	198.9	479.8	60	54.8	47.8	48.8	112.9	37.2	58	33.8	3.9	8.1	27.2	34.2	13.1
94.2	135.1	38.4	135.1	356.8	61	38.6	16.5	32.3	66	36.8	28.3	0.3	9.8	10.1	39.5	44.6	34
49.7	166	41.3	166	394.3	62	15.9	63.1	22.8	82.8	60.4	15	13.7	12.6	2.5	14.1	33.1	58.3
103.7	271.7	172	271.7	693.7	63	70.8	47.2	53.6	108.8	109.3	51.7	64.5	55.8	27	43	33.7	28.3
55.9	196.3	187.8	196.3	544.1	64	30.8	66.5	127.8	23	45.5	175.9	8.8	3.1	0	8.8	47.1	6.8
218.9	123	130.9	123	623.2	65	20.8	59.4	37.4	52.3	33.3	68.4	55.3	7.2	11.3	155.8	51.8	70.2
67.9	182.6	35.5	182.6	409.9	66	46.8	20.5	28.4	62	92.2	6.4	26.6	2.5	48.2	15.6	4.1	56.6
175.6	201.1	98.5	201.1	629.9	67	54.7	42.8	53.1	70.3	77.7	32.8	17.1	48.6	60.4	30.8	84.4	57.2
117.9	162.8	72.2	162.8	501	68	46.8	46.8	52.5	41.5	68.8	44.9	17.1	10.2	34.2	26.4	57.3	54.5
115.3	34.2	34.2	189.7	528.1	69	44.8	60.5	96.9	64.2	28.6	22	6.1	6.1	20.2	67.9	27.2	83.6
89.1	94.7	33.8	94.7	358.7	70	27.9	76.7	25.9	23.4	45.4	0	17.1	16.7	2.6	59	27.5	36.5
172.9	176.5	39.6	176.5	508.1	71	3.4	58.5	43.3	63.8	70.4	28.4	0.2	11	8.9	124.1	39.9	58.2
188.3	203.7	99.9	203.7	557.5	72	33.8	25.9	39.4	57.8	106.5	65.4	24.7	9.8	4.8	129.2	54.3	5.9
127.1	170.9	63	170.9	477.7	73	46.9	37.1	72.5	45.1	53.3	16	37.2	9.8	8.9	47.2	71	32.7
51	188.6	59.7	188.6	384.6	74	16	11.9	36.5	98.4	53.7	13.9	6.2	39.6	32.7	5.2	47.4	23.1
87.2	179.4	71.2	179.4	470.7	75	20.3	72	37.3	41.7	100.4	54.3	7.1	9.8	17.5	21.2	48.5	40.6
118.8	226.8	100.1	226.8	654.7	76	80.6	72.3	21.3	136.5	69	61.9	36.2	2	21.2	79.2	18.4	56.1
71.5	211.6	82.1	211.6	484	77	25.4	34.9	71.7	72.6	67.3	33.7	29.3	19.1	5.5	47.9	18.1	58.5
166.6	229.8	101.5	229.8	566.7	78	65.3	49.2	49.5	123.2	57.1	97.2	4.1	0.2	8.7	35	5.1	72.1
81.2	189.2	94	189.2	553.3	79	19.8	37.8	47.5	45	92.4	65.1	25.2	3.7	2.8	107.9	78.5	27.6
79.6	161.8	37.8	161.8	377.4	80	45.8	29.1	66	55.2	40.6	27.8	8.5	1.5	3.3	15.9	60.4	23.3
112.4	202.9	185.8	202.9	608.3	81	45.1	29	62.6	70.6	69.7	143.7	14.2	27.9	2.2	32	78.2	33.1
62.4	227.5	55.9	227.5	441.4	82	45.6	32.6	87.5	83.6	56.4	28	21.4	6.5	3.6	23.6	35.2	17.4
178.3	216.5	75.6	216.5	565.5	83	30.4	39.7	52.5	40.5	123.5	51.4	10.4	13.8	20.1	46.8	111.4	25
184.9	29.8	286	286	519.1	84	27	43.2	92.7	84.3	109	19.5	9.5	0.8	0.6	52	45.8	34.7
370	142.5	48.4	142.5	627.2	85	57.6	254.5	62.5	48.6	31.4	26.9	20.8	0.7	0.9	44.3	21.1	57.9

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
357	243.2	23.7	104.8	638.7	37	52	93.9	20.4	62.9	21.5	15	1.5	7.2	6.4	74.3	162.5	121.1
358.2	98.7	46.4	136.1	579.4	38	62	105	49.7	50.6	35.8	15	0	31.4	20.9	52.8	25	131.2
359.2	127.3	63.1	198.8	779.4	39	55.2	32.1	183.4	0	15.4	45.4	8.3	9.4	50.7	22	54.6	302.9
360.2	83.7	63.4	245.3	924.2	40	128.9	56	54.4	131.4	59.5	31	1	31.4	3	16.5	64.2	346.9
361.8	98.9	38.2	97.6	520.8	41	81.5	114	29.8	52.3	15.5	0.4	6.4	31.4	4.9	56.7	37.3	90.6
362.6	232	52.2	40.6	560.8	42	149	75.7	16.8	18	5.8	15	5.8	31.4	1	45.8	185.2	11.3
363.9	85.6	11.3	135.2	512	43	146.8	20.6	11.8	60.7	62.7	7.2	3.5	0.6	17.7	23.4	44.5	112.5
364.9	203.2	58.4	208.6	869.1	44	78.5	232.7	151.1	26.8	30.7	15	6.4	37	12.6	129.3	61.3	87.7
365.6	111.1	38.6	112.9	747.2	45	310.4	28	52.9	29.7	30.3	15	6.4	17.2	4	37.3	69.8	146.2
366.6	169	27.9	137.7	662.5	46	32	109	85.5	21.9	30.3	21.3	6.4	0.2	6.4	54.3	108.3	186.9
367.6	228.9	16.1	41.7	653.3	47	111.3	93.1	27.8	6	7.9	11.7	0.6	3.8	22.4	104.4	102.1	162.2
368.3	20.3	72.7	167	618.3	48	192.6	148.7	46.3	79.1	41.6	34.9	6.4	31.4	3.4	5.4	11.5	17
369.5	90.8	18.4	177	436.7	49	39.3	48.7	113.9	47.1	16	4.8	6.2	7.4	7.5	0.7	82.6	62.5
370.5	104.3	45.5	149.6	589.9	50	92	24.8	32.4	54	63.2	7.7	6.4	31.4	1	13.9	89.4	173.7
375	176.5	24.8	256.2	692.5	51	116	76.8	132.1	38.9	85.2	15	6.4	3.4	0.6	90.7	85.2	42.2
376	337	36.6	117	894.6	52	114.9	250.4	46.7	0.7	69.6	4.8	0.4	31.4	9	92.5	235.5	38.7
377	47.2	130	127.4	635.6	53	177.3	83.6	51.5	24.8	51.1	98.4	0.2	31.4	8.9	24.6	13.7	70.1
378.6	130.3	49.5	183	720.4	54	110.7	89.3	63.2	57.6	62.2	15	3.1	31.4	13.7	33.6	83	157.6
379.5	281.2	1.3	169.3	693.3	55	92.4	57.6	36.7	94.1	38.5	0	0.3	0.3	0	11.5	22.3	58.9
380.3	33.8	14.8	152.3	491.2	56	82.4	149	94.2	23.6	34.5	14.2	0.3	0.3	0	11.5	22.3	58.9
382.7	76.4	23.8	119.5	382.4	57	75	28.9	34.5	11.1	73.9	1.5	22.2	0.1	4.4	1.6	70.4	58.8
383.3	111.9	43.2	162.4	610.8	58	145.5	47.9	107.4	40	15	7.3	4.5	31.4	16.1	48.4	47.4	99.9
384	86.9	85.1	71.3	584.3	59	186	4.7	32.1	18.8	20.4	26.1	57.9	1.1	2	41.8	43.1	150.3
385.3	74.5	41.1	191.5	725.4	60	142.1	54.3	50.7	43.2	97.6	9	0.7	31.4	6.4	3.8	62.3	221.9
386	77.7	63.6	94.1	541.4	61	85.4	76.8	13.6	60.9	19.6	56.5	6.4	0.7	6.2	52.9	38.6	143.8
387.2	148.9	55.8	245.8	869.7	62	87.3	97.1	135.2	92.5	18.1	8.9	15.5	31.4	10.5	22.6	115.8	234.8
388.4	83.9	32.2	117.5	578	63	192.3	101.6	20.4	53.5	43.6	0.6	0.2	31.4	6.4	63.4	14.1	50.5
389.5	132.4	66.2	159.1	636.3	64	20.8	64.7	136.2	0.2	22.7	34.5	0.3	31.4	55.4	32.5	44.5	193.1
390.4	142.6	21.8	283.4	930.2	65	54.1	272.4	47	166.2	70.2	15	6.4	0.4	6.4	18.7	117.5	155.9
392.4	72.1	25.9	123	573.4	66	146.9	43.5	71.9	30.5	20.6	10.6	6.4	8.9	14.1	3.7	54.3	162
393.1	39	43	149.9	447	67	74.6	34.8	23.2	89.6	37.1	5.2	6.4	31.4	8.2	16.3	14.5	105.7
394.4	71.2	46.1	119.7	686.4	68	228.2	94.7	77.1	10.7	31.9	20.8	6.4	18.9	25.2	6.9	39.1	126.5
395.9	25.1	53.1	87.4	546.5	69	92.6	87.9	40	32.2	15.2	13.1	8.6	31.4	0.2	0.1	24.8	200.4
396.6	123	54.9	149.3	639.8	70	63.9	135.1	112.9	25.7	10.7	16.8	6.7	31.4	0.2	54.5	68.3	113.6
397.6	135.7	41.2	163.2	628.7	71	78.1	120.7	117.4	30.3	15.5	23.6	3.2	14.4	17.9	31.7	86.1	89.8
398	120.2	62.7	104.1	490	72	25.9	64.6	27.8	53.9	22.4	5.7	10.9	46.1	5	92.6	22.6	112.5
399.6	88.6	22.8	140	509	73	35.6	134.5	47.8	67.9	24.3	15	1	6.8	3.1	20.6	64.9	87.5
400.8	177.9	34.3	173.7	665.7	74	11.7	167.4	112.2	37.8	23.7	23	2.6	8.7	22.6	21.7	133.6	100.7
401.1	165.4	32.2	129.6	556.3	75	95.8	48.2	50.1	28.0	50.7	28.1	0.1	4	0.9	36.6	127.9	85.1
402.8	199.8	45.1	160.8	615.5	76	46.9	40.3	16.1	98.3	46.4	20.8	13.6	10.7	2.8	152.9	44.1	122.6
403.3	186.1	3.9	97.7	496	77	69.1	68.9	39.8	53.3	4.6	2.9	0.4	0.6	34.4	82.4	69.3	70.3
404.2	234.7	43.9	222.9	831.7	78	163	127.8	119.5	84.9	18.5	6.1	6.4	31.4	120	72.9	41.8	39.4
405.7	120.3	52.1	129.3	653.4	79	172.6	65.7	33.1	37.1	59.1	19.3	1.4	31.4	2	13.4	104.9	113.4
406.6	110.9	77.7	218.4	694.6	80	134.3	15.7	110.3	31.9	76.2	39.9	6.4	31.4	1	4.8	105.1	137.6
407.3	134.3	36.4	104.3	898	81	226	45.8	58.4	15.8	30.1	0.1	4.9	31.4	0.1	32.5	101.7	351.2
408.6	108.1	41.1	233.3	595.1	82	55.5	47.6	67.7	116.8	48.8	1.8	7.9	31.4	0	89.8	18.3	109.5
409.1	197	56.7	82.6	541.4	83	80	58	5.8	52.4	24.4	12.8	12.5	31.4	3.5	17.9	175.6	67.1
410.5	53.2	5.5	183	464.2	84	125.8	73.4	87.1	91.4	4.5	1.1	1.6	2.8	0.1	0	53.1	23.3
411.3	1118.2	28	93.4	447.4	85	117.9	39.2	49	16.4	28	7.6	6.4	14	6.4	21.7	96.6	44.2

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
126.9	16.5	32.6	95.6	271.6	26	44	34.6	63.4	9.8	22.4	18.8	13.8	0	3.8	12.7	0	48.3
124.3	21.7	39.5	73.7	279.2	27	31.2	38.8	12	35	26.7	19.8	19.7	0	2.1	6.8	0	74.3
76.8	88	4	36.4	208.2	28	9	21.9	13.2	9.6	13.6	4	0	0	0.4	10	12.8	48.9
56.5	99.6	35.7	145.2	337	29	10.9	5	30.2	5.4	109.6	21.7	0	14	60	32.1	7.5	40.6
52.7	28.6	101.4	102.8	285.5	30	9	12.7	27.7	14.4	60.7	43.4	7.7	50.3	5.6	13.8	9.2	31
113.6	62	56.2	171	423	31	39.7	33	48.9	77.7	44.4	52	4.2	0	20.7	3.2	38.1	61.1
82.3	43.8	40.1	100.4	269.6	32	23.8	56.5	33.7	37.3	29.4	12.6	3.2	24.3	4.1	4.2	35.5	5
100.2	64.5	56.3	117.3	338.3	33	21.5	20	18.7	49.1	49.5	32.3	20.9	3.1	13.3	1.9	49.3	58.7
80.6	30.5	14	134	259.1	34	31.8	18	49.4	11.8	7.9	7.9	2.6	3.5	1.7	19	9.8	30.8
103.4	91.3	30.5	111.8	387.9	35	47.9	65.3	26.4	69.5	15.9	2.5	19.2	8.8	26	30.3	35	41.1
83.7	50.1	36.1	204.1	393.7	36	8.8	62.5	59	34.9	110.2	23.1	9.7	3.3	6	25.2	18.9	32.1
107.9	103.6	118.2	142	365.4	37	36.6	23	8.7	16.1	108.4	44.6	7.1	0	0	47.3	46.3	27.1
101.1	86.3	111.6	63.9	364.9	38	30.9	5.9	28	94.5	19.5	4.1	102.6	11.5	60	16.2	45.3	86.5
114	45.4	106.3	87.7	403.4	40	31.5	19.5	42.8	12.1	12.1	57.6	3.5	50.5	35.2	18.6	36.5	61.4
116.5	80.8	39.1	95.3	334.7	41	67.5	30.3	27.6	55.5	12.2	10.2	26.6	2.3	8.3	27.5	45	21.7
74.4	161.6	41.8	83.4	363.2	42	32	19.9	27.4	28.1	27.9	18.6	3.3	19.8	17.3	77.1	67.2	24.5
105.9	105.5	33	115.4	389.5	43	69.8	22.2	8.6	35.2	71.6	22.8	2.3	7.9	17.7	53.7	22.8	54.9
107.9	41	19.3	101.1	270.9	44	30.9	29.5	57.6	16.1	27.4	14	3.6	1.7	11.4	27.9	49.1	58.6
107.9	70.7	21.2	60.2	280	45	40.2	29.1	12.6	14.4	33.2	18.6	1.5	1.1	7.5	20.5	42.7	42.7
51.4	65.9	27.3	199.4	385	46	8.2	31.5	69.1	28.8	101.5	29.2	3.6	3.1	3.1	19.6	19.6	124.1
346.6	88.5	29.1	81.9	426.1	47	65.9	56.6	27.2	6	50.8	76.5	12.4	3.1	3.5	16.8	48.2	18.9
120.6	81.2	50.4	136.9	364.5	48	16	57	32.1	54	47	3.2	14.4	20.6	4.5	42.6	38.9	16.9
86.9	44.8	23.2	108.6	263.5	49	33.1	26.8	44.5	39.5	9.9	17.3	33.1	0	53.2	7.1	20.9	60.7
67.7	72.8	77.7	191.4	409.6	50	49.3	20.9	28.8	15.4	64.4	14.4	4.8	4	1.2	16.1	27.5	16.7
100.6	52.4	53.9	191.4	409.6	51	21.5	31.6	85.3	56.9	49.2	41.1	30.9	5.7	0.2	39.3	33.3	14.6
120.3	14.2	41.5	157.2	364.1	52	36.3	43.3	41.4	21.5	94.3	30.2	20.4	3.3	3.8	10.1	38.5	21
150.9	48.3	103.5	156.8	332.8	53	48.9	49	26.7	41	89.1	34.9	0	6.6	6.7	6	1.5	22.4
89.2	126.3	38.2	144.2	397.9	54	29	54.1	22.4	48.3	22.1	63.7	1.5	21.8	1.2	4.5	42.6	38.9
146.3	18	13	70.2	247.5	55	36.8	21.7	40.6	56.6	47	3.2	14.4	20.6	42.4	48	35.9	38.5
37.9	145.1	45.7	143.5	422.2	56	9.7	26.3	25.5	15	29.7	12.5	0.5	0	8.1	4.9	5	27.5
123.1	56.7	66.6	158	404.4	58	56.2	22.3	89.8	42.3	73.2	39.3	4.1	2.3	95.6	33.2	16.3	51.9
105.5	57.7	69.1	70.9	332.7	59	85	18.9	8.1	39.8	28.4	62	3.1	1.5	20.8	28.2	7.7	44.6
103.8	63.1	63.3	125.7	361	60	30.1	51	49.4	16.8	46	23.3	43.8	2	4.5	17.8	35.4	31.1
145.9	107.6	126.9	69.3	401	61	30.9	57.3	25.3	48.8	27.5	42.5	16.9	3.9	9.2	31.7	22.2	27.8
201.8	110.2	24.5	110.2	446.1	62	33.4	74.3	64.1	11	33	121.9	5	0	26.6	26.7	5.6	57.7
226.9	103.1	48.8	236.8	617.6	63	90.5	80.8	32.8	20.4	25.7	9.5	3	12	67.7	30.3	9.6	96.1
154.6	52.5	69.2	99.4	375.7	64	4.9	58.9	45.1	82.5	121.5	22.9	21.4	4.5	64.1	28.4	10.6	57.6
124.2	51.7	24.3	148.9	351.1	65	16.7	76.2	39.3	14.2	62.4	14.6	7.9	1.8	11.5	0	41	90.8
101.6	39.3	65.9	172.8	379.8	66	55.7	2.3	59.5	49.2	64.1	16.8	24.8	24.3	12.4	7.7	19.2	43.8
105	45.6	24.2	186.2	361	67	37.8	27.4	49.6	82.7	53.9	11.1	7.1	6	4.1	10.9	30.6	39.8
203.1	131.3	93.6	143.2	571.2	68	98	18.6	52.9	49.6	40.7	64.8	13.1	15.7	41.2	33.3	56.8	86.5
218.8	47	36.2	188.5	490.5	69	77	62	50.1	69.3	69.1	31	5.2	0	3.5	9.2	34.3	79.8
143.6	75.7	58	94	376.3	70	47.5	59.7	33.6	11.9	48.5	17.2	36.3	4.5	15.5	35	25.2	41.4
106.6	86.7	40.8	160.8	386.9	71	37.5	21.4	40.7	41.5	78.6	26.3	6.6	7.9	18.8	14.2	53.7	49.7
51.4	127.2	156.6	105.4	441.6	72	16.4	21.8	13.8	41.7	49.9	83	38.7	34.9	43.6	65.9	17.7	14.2
67	34.9	79.6	126.8	328.3	73	13.3	21.7	41.9	63	21.9	58.3	17.1	4.2	18.5	2.9	13.5	52
92.4	51.3	80.7	155.6	377	74	7.2	24.9	25.5	26.3	103.8	49.8	12.5	18.4	21.8	14.6	14.9	57.3
103.3	79	104	198.2	514.5	75	57.6	35.2	19.1	80.4	98.7	75.7	3.9	24.4	0.2	20	58.8	40.5
160.7	111	31.7	134.5	437.9	76	75	18.5	24.7	44.5	65.3	28.7	1.2	1.8	17.1	76	17.9	67.2
52.5	44.7	29.6	104.2	242	77	26.9	12.1	27.5	50.6	26.1	15	4.6	10	18.4	8.4	17.9	24.5
151.6	108	11.1	140.7	420.2	78	48.5	44.2	35.8	90.9	14	6.2	0.4	4.5	59.4	47.9	0.7	67.7
81.6	79.8	23.9	87.2	347.5	79	101.7	25.7	16.8	7.8	62.6	16.9	5.6	1.4	0.5	38.6	40.7	29.2
155.6	65.1	34.9	159.5	415.1	80	85.5	31.2	33.5	58.5	67.5	18.7	10.2	6	0.5	3.3	38.9	38.9
176.1	94.4	55.9	165.5	493.9	81	87.1	37.1	87.1	25.6	52.8	24.8	23	8.1	23.9	14.7	55.8	75.3
68.4	27.1	143.6	136.5	373.6	82	32.9	9.6	25.4	87.4	23.7	44.1	18.6	80.9	0.5	23.3	3.3	23.9
103.6	143.5	111.8	128.3	487.2	83	42.9	37	13.4	41.5	73.4	42.1	41.6	28.1	9.5	20.6	113.4	23.7
62.2	32	78.5	143.5	323.2	84	41	24	37.7	77.1	28.7	27.1	36.9	14.5	20.6	4.2	22.3	4.2
170.5	105.6	13.3	115.1	404.5	85	63.1	74.4	17.4	48.8	48.9	5	6.4	1.9	56.4	49.2	33	33

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
751.6	310.2	41.9	336.2	1439.9	40	234.2	193.2	51.9	77.7	206.6	22.1	19.8	0	38.7	169.8	101.7	324.2
755.6	204.4	209.2	223.4	1432.6	41	350.7	152.2	133.4	90	0	0	0	209.2	57.9	108.4	38.1	292.7
346.2	324.1	92.9	188.7	1291.9	42	473.3	150.9	162.5	15.2	11	92.9	0	0	0.2	106.2	217.7	62
346.7	48.2	2.4	313.8	963.1	43	384.3	117.9	165.5	57.5	90.8	2.4	0	0	0	13.4	34.8	96.5
326.8	256.7	0.2	218.3	1004	44	143.8	110.6	110.6	36.4	31	0.2	0.2	0	27.6	84.3	144.8	175
61.5	52.3	228.6	178	1074.9	45	306.6	98.7	145.4	32.4	0.2	228.6	0	0	9.3	23.7	19.3	210.7
433.8	448	7.7	271.3	1160.8	46	79.7	250	143.8	42.1	85.4	7.6	0.1	0	0.7	444	3.3	104.1
415.3	188	28.3	58.8	890.4	47	341.4	148.9	35.1	12.4	11.3	28.3	0	0	7.6	64.1	116.3	125
443.1	219.5	9.3	300.5	1170.4	48	109.5	352	99.4	154.8	46.3	9.3	0	0	11.9	42	165.6	179.6
413.7	155.5	0	195.3	964.5	49	269.4	154.4	127.5	64.5	3.3	0	0	0	122.8	3.6	29.1	189.9
377.9	353.1	5.3	546	1292.9	50	166.7	125.2	213	239.2	93.8	1.5	4.4	0	0	160.3	192.8	96
411.3	569	33.4	171.6	1385.3	51	247.1	194.3	44.8	101.8	25	21.6	11.8	0	104.7	409.9	54.4	169.9
593	227	61.9	346.4	1218.3	52	94.1	328.5	271.1	49.8	25.5	61.9	0	0	2.7	45	179.3	160.4
755.7	116.7	0	457.2	1329.6	53	317.6	337.4	186.8	256.8	13.6	0	0	0	3.4	7.4	105.9	100.7
1670.3	95	0	351.7	1517	54	437.9	254.8	90.7	138.8	132.2	0	0	0	5.8	7.4	81.8	377.6
172.7	253.7	50.2	573.9	1250.5	55	78.8	72.8	233.4	82.8	257.7	25.2	17.6	7.4	75.5	31.6	146.6	221.1
356.7	70.7	45.2	259.5	926.1	56	145.3	274.8	67.6	23.9	168	25.2	17.6	2.4	0.3	33.3	37.1	130.6
473.5	100.7	50.2	134.5	763.9	57	155.7	121	59.3	60.6	14.6	25.2	17.6	7.4	3.4	33.6	63.7	201.8
457.9	142.6	84.8	425.1	1180.4	58	204.9	193.7	304.3	90.1	30.7	59.8	17.6	7.4	11.6	26.4	0.2	129.3
425.1	145.9	107.2	142.3	834.5	59	202.1	129.9	77.9	21.2	43.2	71.9	2.6	32.7	24.1	64.6	57.2	107.1
344.2	108.4	98.8	512.2	1043.6	60	106.9	116	268.7	161.1	82.4	39.6	8	51.2	5.6	52.8	50	101.3
634.3	153.4	19.1	242.2	1109	61	77.7	230.7	86.5	68.7	87	11.7	0	7.4	42.1	48.2	63.1	385.9
884.7	66.7	50.2	285	1286.6	62	102.4	321.8	47.7	225	12.3	25.2	17.6	7.4	2.7	59.8	4.2	460.5
712	204.3	132	365.7	1414	63	385.7	213.6	168.2	89.4	108.1	124.6	0	7.4	15.4	150	38.9	112.7
442.1	268.2	25.3	471	1106.6	64	67.1	230.1	250.2	91.2	29.6	0.3	17.6	7.4	41.4	61.9	164.9	144.9
701.3	131.3	121.7	456.3	1410.6	65	261.1	217.5	95.1	311	50.2	91.5	30	0.2	10.3	52.9	68.1	222.7
788.1	312.1	32.8	266.1	1399.1	66	318.3	95.4	112.2	69.6	84.3	25.2	0.2	7.4	250.9	10	51.2	374.4
455.9	277.6	25.2	761.6	1550.3	67	123.7	191.1	258.8	385.2	117.6	0.2	17.6	65.8	36.1	109.1	132.4	171.1
807.4	388.3	153.1	219.6	1568.4	68	335.9	139.1	209.2	0	10.4	69.7	17.6	7.4	16.2	96.4	275.7	332.4
411.2	122.8	111.7	299.8	985.5	69	232.6	114	120.3	92.5	87	86.7	17.6	7.4	25.5	56.6	40.7	104.6
451.8	233.2	20.3	210.4	915.7	70	120.3	146.5	157.4	18.5	34.5	1.1	17.6	1.6	5.3	35.6	192.3	185
335.6	190.6	35.6	464.2	1024	71	49.9	153.7	235.9	227.5	0.8	7.6	17.6	10.4	13.2	36.8	140.6	130
133.8	142.3	104.9	287	658	72	61.8	61.8	92.1	34.4	160.5	82.1	15.4	7.4	13.8	82.1	46.4	0.2
346.9	196.3	83.2	353.7	980.1	73	88.6	85.8	99	106.8	147.9	58.2	17.6	7.4	12.6	68	115.7	172.5
566.6	110	70.8	199.8	947.2	74	179.4	71.8	101.5	76.9	21.4	0.6	17.6	52.6	48.3	19.5	42.2	315.4
435.5	216.4	44.1	206.1	962.1	75	135.6	207.5	80.8	67.1	58.2	25.2	17.6	1.3	2.1	104.6	109.7	152.4
611.8	400.8	297.6	664.4	1975.4	76	273.9	117.8	142.6	197.3	324.5	13.3	283	1.3	49	191.2	160.6	220.9
536.9	132.9	50.2	330.1	1040.1	77	156.7	117.4	139.3	159.3	31.5	25.2	17.6	7.4	2.4	55.1	75.4	252.8
855.9	150.5	109.7	185.5	1301.5	78	405.1	167.1	103.8	75.5	6.2	81.3	21	7.4	29.6	118.7	2.2	283.6
438.3	305	33.2	241.2	1191.7	79	267	175.8	81.6	90.7	68.9	5.5	20.3	7.4	3.2	180.1	125.7	165.5
495.4	194	47.3	437.6	1171.3	80	230.9	117.5	184.7	199.8	53.1	25.2	17.6	4.5	4.5	111.7	77.8	144
561.8	153.5	78.7	326.7	1220.7	81	309.9	149.4	128.2	107	91.5	60.9	17.6	0.2	9.3	21.6	122.6	202.5
333.2	209.6	19.3	220.9	779	82	124.3	102.3	114.8	88.1	18	4.3	7.6	7.4	5.5	158	46.1	102.6
346.6	445.2	2.3	345.1	1161.2	83	113.8	189	180.2	77.4	87.5	0.3	0	2	61.9	29.7	353.6	65.8
345.9	230.1	13.9	370.9	980.8	84	151	134	192.8	176.3	1.8	7.2	3.6	3.1	13.2	128.5	88.4	80.9
645.1	260.4	33	118.3	1060.8	85	233.9	292.6	61.8	51.6	4.9	8	17.6	7.4	16.6	195.2	48.6	122.6

Kış	Sonbahar	Yaz	İlkbahar	Yılılık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
1104.5	20.5	17.2	142	1374.2	31	426.6	488.8	69.9	47.8	24.3	9.6	2.5	5.1	8	11.7	0.8	279.1
378.3	285.6	17.8	92	773.7	32	348.8	29.1	67.2	13.4	11.4	9.6	2.5	5.7	0	51.4	234.2	0.4
352.6	138.5	9.8	58.9	760.8	33	228.7	150.9	20.2	34.8	3.9	9.6	0.2	0	3.5	0	135	174
529.7	73.4	15.3	52.8	771.2	34	129.3	31.5	26.2	1.2	25.4	9.6	0	5.7	15.6	24.9	32.9	468.9
581.6	455.4	15.3	1097.7	1266.6	35	287.6	292	67.7	30.1	16.5	9.6	0	5.7	4.6	42.9	407.9	102
1118.1	144.8	9.6	321.2	1593.7	36	610.8	282.2	86	41.3	193.9	9.6	0	0	98.8	14.4	31.6	225.1
440	318.8	9.6	86.5	854.9	37	219.5	131.3	12.2	53.1	21.2	9.6	0	0	0.1	68.1	250.6	89.2
604.1	83.5	10.2	142.1	1039.9	39	281.3	113.7	137.5	1.5	3.1	9.6	0.4	0.2	2.4	24.3	56.8	409.1
560.5	153.6	16	197.4	1027.5	40	243.2	198.6	111.2	56.4	29.8	9.6	0.7	5.7	9.2	51.2	93.2	218.7
340.6	177.5	9.9	269.4	797.4	50	71.6	58.9	170.8	21.2	77.4	9.6	0	0.3	2.6	58.7	116.2	210.1
545.6	230.4	10.9	235.4	1123.3	51	413.1	115.7	216.5	2.4	16.5	9.6	0	1.3	6.7	125.3	98.4	117.8
1833.7	257.9	61.7	278.3	1631.6	52	321	78.2	246.5	22.7	9.1	9.6	2.5	49.6	9.2	15.9	232.8	634.5
741	101.5	12.1	137.6	992.2	53	416.7	52.9	54	68.5	15.1	9.6	2.5	0	9.2	7.4	84.9	271.4
715.9	345.8	17.8	146	1228.5	54	123.6	220	69.7	58.7	17.6	9.6	2.5	5.7	0.1	201.4	144.3	375.3
390.9	68.6	42.9	145.2	647.6	55	147.2	122.8	46	96.8	2.4	0.4	32.3	10.2	1.9	21.6	45.1	120.9
350.6	35.6	3.1	101	1002.3	56	107.1	244.3	64.3	26.5	10.2	0.6	2.5	0	0.6	22.8	12.2	511.2
123.9	155.1	11.3	270.2	566.5	57	25.3	37.1	124	69.7	76.5	3.8	1.8	5.7	29.5	40.7	84.9	67.5
837.6	203.9	10.5	87.8	1139.8	58	352.7	117.7	43.4	32	12.4	4.2	0.6	5.7	24.1	143.3	36.5	367.2
565.3	192.1	12.2	39.7	813.3	59	336.1	0	1.8	37.1	0.8	9.5	1.7	1	5.1	68.9	118.1	233.2
922.1	166.5	26.5	211.9	1327	60	358.5	39	133.1	34.3	44.5	18.6	2.2	5.7	27.9	7.3	131.3	524.6
592.8	66.8	42.4	155	957	61	204.4	169	21.7	131.7	1.6	34.2	2.5	5.7	13.2	16.4	37.2	319.4
571.3	142.6	16.2	225.4	1055.5	62	208.2	235	106.4	42.9	76.1	9.6	0.9	5.7	62.6	69.3	10.7	228.1
541.6	102.4	10.9	196.9	952.8	63	148.7	308.8	91.8	26.2	78.9	3.4	1.8	5.7	9.2	4.4	88.8	185.1
355.8	72	21.9	140.8	591.5	64	65.5	218	108.8	0.5	31.5	13.7	2.5	5.7	25.4	0	46.6	73.3
932.7	58.8	6	380.5	1378	65	301.7	264.7	234.7	65.5	80.3	2.1	2.5	1.4	0.1	37.2	21.5	366.3
987.2	91.7	2.6	181.6	1263.1	66	525	66.8	114.4	63.6	3.6	2.4	0	0.2	11.5	1.2	79	395.4
418	532.7	8.1	245.3	1204.1	67	139.8	102.1	103.5	107.7	34.1	5.6	2.2	0.3	13.6	330.7	188.4	176.1
589.7	561.4	29.4	134.4	1324.9	68	164.4	70.8	87.4	44.5	2.5	2.8	2.5	24.1	40.7	110.3	410.4	364.5
1531.2	92.6	12	286.7	1922.5	69	797.8	148.4	223.2	32.3	31.2	3.8	2.5	5.7	6.2	30.7	55.7	585
733.3	125	1.6	142.6	992.5	70	316.5	264.8	82.4	20.3	39.9	1.1	0	0.5	7.3	57.2	60.5	142
329.3	176.2	46	117.5	1068	71	127.5	394.8	61.7	39.3	16.5	3.8	41.9	0.3	0.9	9.1	166.2	206
377.3	106.2	12.1	137.5	633.1	72	210.9	138.9	64.4	31.4	41.7	9.6	2.5	0	13.5	83.5	9.2	27.5
403.3	78.2	21.9	55.2	558.6	73	92.6	220.8	34.3	17.3	3.6	16.2	0	5.7	0	22.6	55.6	89.9
325.2	203.6	3.2	172.9	1304.9	74	95.4	624.6	146.6	15	11.3	0.6	2.5	0.1	9.2	66.4	128	205.2
375.5	206.2	18	92.4	1292.1	75	465.1	202	10.9	27.8	53.7	12.1	2.5	3.4	9.2	54.5	142.5	308.4
427.6	483.2	13.6	211.3	1135.7	76	163.7	59.5	62.9	83.9	64.5	6.7	6.7	0.2	40.9	235.2	207.1	204.4
524.7	129.4	15.9	231	1001	77	162.7	35.9	113.4	107	10.6	9.6	0.6	5.7	0.2	68.1	61.1	426.1
398.4	257.8	17.8	180.1	1454.1	78	287.3	322.5	136.6	43	0.5	9.6	2.5	5.7	8.8	121.6	127.4	388.6
763.5	408.1	6.4	83.9	1283.9	79	381.3	249	62.4	3.9	16.6	5.9	0	0.5	0.8	165	242.3	155.2
492.4	159.9	10.6	170.8	834.7	80	218.2	83.1	79.7	58.6	32.5	2.4	2.5	5.7	41.6	21.5	96.8	192.1
1859.1	495.9	8	70	1613	81	527.8	260.5	30.9	22.9	16.2	2.2	0.1	5.7	9.2	4	482.7	250.8
757.9	124.3	50.5	300.1	832.8	82	84.3	147.2	237.9	54	8.2	48	2.5	0	0.4	69.2	54.7	126.4
576.8	359.4	21.6	221.6	1181.4	83	105.3	190.7	191.6	28	2	3.1	12.8	5.7	9.2	185.5	164.7	282.8
353.4	627.9	5.3	160.7	1152.3	84	217	53.3	50.1	110.6	0	0	5.2	0.1	2	0	625.9	88.1
711.8	207	8.5	132.7	1120	85	482.1	102	100.9	23.5	8.3	0.3	2.5	5.7	9.2	56	141.8	187.7



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
379.4	105.2	6	201.7	692.3	40	159.5	99.1	69.7	102	30	6	0	0	0	60.7	44.5	120.8
247	49.7	0.5	87	384.2	41	92.8	55.6	78.4	8.6	0	0	0	0.5	3.5	22.9	23.3	98.6
281.5	190.4	12.7	146.1	642.7	42	195.4	50.2	130.8	1.2	14.1	12.7	0	0	0.9	67.6	121.9	47.9
372.6	60.5	13.3	96.8	543.2	43	235.8	51.8	45.4	46.4	5	13.2	0	0.1	3.3	29.6	27.6	85
284.1	191.1	0	200.5	677.7	44	105.5	89.4	94	80.5	26	0	0	0	10.5	51.6	129	91.2
381.6	25.3	35.6	91.2	439.7	45	161.9	37.8	55	29.6	6.6	35.6	0	0	0	7	18.3	87.9
335.5	114.6	3.3	254.3	607.7	46	38.7	109.8	53.7	113.1	87.5	0	0	3.3	6.4	104.5	3.7	87
324.1	133	11.8	22.3	491.2	47	186.1	85.5	19.7	1.3	1.3	2.4	9.4	0	13.9	5.2	113.9	52.5
457.8	119.7	0.9	110.4	688.8	48	81	237.2	49.3	46.3	21.8	0.9	0	0	1.5	9.1	109.1	139.6
361	7.3	0.2	127.8	436.3	49	7.2	37.1	52.2	61.4	7.2	0.2	0	0	4.3	1.4	1.6	128.7
155.2	79.3	6.7	230.9	476.1	50	60.2	33.5	139.7	35	56.2	3.3	3.4	0	10.8	40.7	27.8	65.5
254.2	115.8	22	191.3	583.3	51	129.6	50.6	45.1	89.9	56.3	10	0	12	0.5	85	30.3	74
345.8	93.4	2.9	200.6	542.7	52	36.9	138.3	134.5	40.3	25.8	0.9	2	0	3.7	1.9	87.8	70.6
356.2	112.2	6.4	250.2	725	53	137.5	174	113.8	115.3	21.1	1.9	0	4.5	11.5	37.3	63.4	44.7
475.4	72.2	0	183.3	730.9	54	148.5	124.3	70.7	69.8	42.8	0	0	0	0.4	9.2	62.6	202.6
377.6	67.8	8.8	122.4	406.6	55	23.6	54.5	81.4	31.6	9.4	5.4	3.4	0	0.4	0	67.4	129.5
375.3	44.1	32.3	100.1	442.8	56	85.3	115.9	36.9	39.7	23.5	24.7	1	6.6	0.5	9.7	33.9	65.1
182.6	72.6	9.6	159.9	424.7	57	26	51.7	28	59.9	72	9.6	0	0	0.7	9.5	62.4	104.9
328.1	28.4	39.1	52.3	347.9	58	107.1	32.5	38.6	33.9	9.8	38.1	1	0	0.1	7.9	20.4	88.5
197	75.6	13	81.3	366.9	59	71	62.3	29.8	36.5	15	4.9	8.1	0	5.2	42.6	27.8	63.7
242.6	66.5	1.2	143.4	453.7	60	158.3	27.9	91.6	34.6	17.2	0.2	1	0	1.8	9.6	55.1	56.4
364.9	131.5	6.8	116.5	519.7	61	67.6	68.5	59.9	25.4	31.2	5.8	1	0	1.7	16	113.8	128.8
346.7	20.1	6.4	96.5	469.7	62	60.1	154.5	28.4	63.8	4.3	5.4	1	0	1.8	16.1	2.2	132.1
375.8	112.8	9.9	227	625.5	63	147.7	83	65	59.6	102.4	1	8.9	0	8.7	78.2	25.9	45.1
336.1	107.5	13.4	154	511	64	27.3	104.4	131	17.5	5.5	12.4	1	0	1.8	20.1	85.6	104.4
371.3	119.8	3.3	147.5	641.9	65	109	162.4	98.1	47.8	1.6	2.3	1	0	0	86.6	33.2	99.9
350	112.1	14.3	68.7	555.1	66	201.4	18	45.4	17.1	6.2	13.3	1	0	24.7	21.6	65.8	140.6
298.7	174.3	15.5	227.9	714.4	67	77.3	96.5	84.6	47.7	95.6	4	11.5	0	1	88.3	85	122.9
473.9	161.2	7.8	160.6	803.5	68	217.3	88.3	64.1	32.2	64.3	4.6	1	2.2	1.9	9.2	150.1	168.3
269.9	64.7	1.1	242.4	678.1	69	231.4	62.5	121.6	42.7	78.1	0.1	1	0	0	35.8	28.9	76
161.7	76.9	10.9	81.1	330.6	70	64.9	38.3	63.4	11.9	5.8	0.5	10.4	0	1.8	33.4	41.7	58.5
162.5	62.3	13.1	304.3	542.2	71	32.2	70.4	92.6	203.1	8.6	1.4	10.8	0.9	1.8	22.1	38.4	59.9
102	80.7	27	361.2	570.9	72	56.8	45.1	140.5	152.4	68.3	21.5	1	4.5	1.8	20.8	58.1	0.1
132.5	105.4	6.1	77.9	327.9	73	34.1	39.6	42.8	33.7	1.4	5.1	1	0	1.8	15.6	88	64.8
351.4	23	12.3	199.4	591.1	74	129.9	52.1	138.3	50.9	10.2	5.4	1	5.9	0.3	11.9	10.8	174.4
336.4	53.5	20.8	134.5	545.2	75	69	153.9	17.7	68.2	48.6	19.8	1	0	0	4.7	48.8	113.5
348.3	131.6	3.4	284	767.3	76	120	87.2	113.8	101.4	68.8	2.4	1	0	2.1	66.9	62.6	141.1
161.5	33.3	2.3	212.5	491.6	77	50.7	37.5	85.5	79.7	47.3	1.3	1	0	2.5	19.5	11.3	155.3
322.9	45.7	8.3	71.7	518.6	78	168.2	100.7	43.7	24.5	3.5	7.3	1	0	0.9	41.7	3.1	134
355.2	155	9.8	98.5	518.4	79	91.5	86.6	44.2	25.6	28.7	5.9	1.4	2.5	1	57.4	96.6	77
290.8	69.9	1.5	250.9	613.1	80	95.8	87.5	146.7	77.5	26.7	0	1.5	0	1.8	14.6	53.5	107.5
375	83.3	12	116.2	586.5	81	162.7	72.3	66.4	18.6	31.2	11.4	0.6	0	0.2	14.8	68.3	140
181.1	64.5	7.2	146.5	399.3	82	76.4	57	51.1	57.4	38	7.2	0	0	19.2	10.2	35.1	47.7
116.4	125.8	6.9	173	522.1	83	69	84.6	59.6	51.9	61.5	5.9	1	0	0.1	18.9	106.8	62.8
220.7	136.3	8.8	163.8	529.6	84	107.3	52.2	98.2	60.5	5.1	8.8	0	0	0	2.3	134	61.2
262.1	101.9	6.4	115.4	485.8	85	83.1	88.2	58.5	39.6	17.3	5.4	1	0	0.3	52.5	49.1	90.8

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık	
650.4	70.9	52	265.4	1018.7	40	140	116.1	44	118.2	103.2	50.2	1.8	0	6.2	35.4	29.3	374.3	
174.4	165.8	10.3	107.5	658	41	101	156	79.7	19.6	8.2	10.3	0	0	8.3	87.9	69.6	117.4	
371.2	219.7	10.5	52.7	654.1	42	170	119.4	15.7	28.6	8.4	0.2	7.3	3	2	40.8	176.9	81.8	
407.2	168	5.3	143.2	719.7	43	232.1	21.7	27.7	57.8	57.7	2.7	0	2.6	58.6	52.9	56.5	149.4	
471.4	208	21.1	155.3	857.8	44	136.5	221	125.8	10.7	18.8	15.1	0	6	3.6	133.4	71	115.9	
530.9	115.3	1.2	89	736.3	45	313.7	28.1	75	12.9	1.1	0.4	0	0.8	0.7	23.9	90.7	189	
470	124.4	33.1	108.1	735.6	46	56.8	120.4	80.1	7.6	20.4	33.1	0	0	0	58.3	66.1	292.8	
453.7	92.8	58.6	39.6	646.7	47	139.1	101.5	21.1	4.8	13.7	33	23.9	1.7	0.4	11.3	81.1	215.1	
340.2	32.5	37.2	119.5	529.4	48	167.2	118.3	43.2	41.2	35.1	37.2	0	0	0	0.8	31.7	54.7	
377.5	70.5	10.4	204.5	562.9	49	121.5	69.7	121.7	24.4	58.4	10	0	0.4	5	19.7	45.8	86.3	
312.1	144	18	204.9	579	50	88.1	34.3	48.1	75.9	80.9	18	0	0	24.3	27.4	92.3	89.7	
305.6	288.2	13.6	218.9	826.3	51	83.6	142.6	120	45.2	53.7	13.6	0	0	13.2	136.2	138.8	79.4	
371.7	344.7	58.5	129.7	905.6	52	136.4	174.5	55.5	8.1	66.1	4.3	14.9	39.3	1.4	95.7	257.6	61.8	
344	90.9	36.4	101.3	572.6	53	225.3	73.9	54.4	13.2	33.7	36.4	0	0	23.8	29.2	37.9	44.8	
331.2	183.5	22.3	226.9	967.9	54	189.5	145.7	117.1	51.8	58	22.3	0	0	6.7	40.3	136.5	200	
303.9	271	31.6	132.9	751.8	55	108.3	85.4	32.5	99.9	0.5	14.3	14.8	2.5	6.2	114.4	150.4	122.6	
347.1	90.7	8.3	83.5	491.4	56	84	141.1	65.9	6.5	11.1	1.7	5.8	0.8	14.3	8.5	67.9	83.8	
357	99.5	45.1	166.4	612.1	57	73.2	47.1	70.1	11.1	85.2	9.5	34.8	0.8	71.3	18.7	67.5	122.8	
251.6	119.6	9.8	314.9	781.2	58	159	69.1	201.4	76.7	36.8	2	7	0.8	33.1	14.4	52	128.9	
462.8	129.3	10.6	43.3	525.1	59	158.9	4.9	8.5	16.8	18	3.3	4.9	2.4	14.3	39.9	65.4	187.8	
323.5	71.6	26.7	216.8	835.6	60	111.2	105.4	81.3	84.5	51	20.1	5.8	0.8	4.9	22.8	101.6	246.2	
417.2	126.1	2.9	105.1	549.5	61	111.6	66.5	31.4	56.7	17	46.4	0.1	0.8	14.3	20.9	36.4	147.4	
229.8	118.8	17.8	123.7	689.9	62	80.7	142.3	55.1	65.7	2.9	1.9	0.2	0.8	15.4	43.8	66.9	214.2	
317.5	122.3	31	163.2	629.6	63	135.2	128.7	67.9	60.4	34.9	15.7	1.3	0.8	14.3	81.2	23.3	65.9	
336.1	123.2	7.9	54.9	524.7	64	11	88.7	38.9	2.6	-13.4	24.4	5.8	0.8	69.3	0.4	52.6	216.8	
460.2	125.3	8.2	370.7	837.9	65	47.3	131.1	85.2	148.2	137.3	1.3	5.8	0.8	14.3	29.4	79.5	157.7	
328.9	90.7	6	168.1	777.3	66	204.3	65.2	109	58.1	16.5	2.1	5.8	0.3	33.3	4.3	87.7	190.7	
356.7	169	14.3	84.7	624.7	67	118.8	33.9	50.2	87.9	30	0	5.2	0.8	20.2	30.3	40.2	176.2	
507.6	34.2	1	122.6	665.4	68	172.4	50.7	67.5	10.2	7	7.4	5.8	1.1	24.9	64.4	34.2	216.6	
357.5	144.1	4	111.2	616.8	69	176.8	114.2	60.3	35.4	26.9	0.1	0.1	0.8	0	0	60.7	58.3	
352.7	144.1	23.2	124.6	675.6	70	96.7	202.5	77.2	20.1	13.9	0.8	2.4	0.8	14.3	22.1	107.7	84.8	
38.3	120.4	33.7	108.1	360.5	71	134.2	164.7	100	12.8	11.8	6.9	9.7	6.6	14.3	80.2	27.4	8.2	
370.9	87.6	32.5	91.7	482.7	72	28.7	61.4	31.6	40.5	36	15.5	17.4	0.8	12.8	22.9	34.7	75.8	
334.8	107.8	19.5	173.5	625.6	73	84.3	110.8	34.3	56.3	1.1	11.1	20.6	0.8	30	22.9	67.5	132.6	
343.5	134.5	103.8	183.1	689.9	74	25.2	167	105.1	39.2	29.2	0.9	5.8	12.8	10.6	29.7	78.8	73.7	
381.1	215.1	58.6	144.9	599.7	75	53.2	67.5	62.6	60.7	59.8	97.9	31	0.8	3.5	34.5	96.5	78.8	
389.4	97.9	26.5	118.4	511.4	76	92.1	99.4	50.1	68.2	0.1	25.6	0.1	0.8	14.3	132.2	68.6	73.7	
500.3	177.2	6.6	199.6	892.7	77	185.8	207	74.6	119.4	5.6	0	5.8	0.8	34.4	25.1	38.4	77.1	
377.2	203	30.1	126.7	687	78	156	56.1	40.6	36.6	49.5	22.9	6.4	0.8	50.8	99.4	27	116.5	
340.9	130.5	64.4	158.9	703.7	79	114.8	18.3	94.5	28.3	36.1	57.8	5.8	0.8	14.3	63.5	125.2	115.1	
616	183.3	29	109.5	937.8	80	264.4	71.6	55.5	18.4	35.6	22.4	5.8	0.8	1.9	38.2	90.4	216.8	
329.7	184.1	26.5	221.7	662	81	68.3	47.4	114.9	73.1	33.7	23.6	2.1	0.8	7.6	3.9	171.8	280	
337.5	128.3	24.7	145.1	635.6	82	59.3	119.2	62.7	47.3	35.1	20.1	2.9	1.7	11.8	125	47.3	114	
359.9	179.6	2	244.2	785.7	83	174.1	140.1	141.2	98.6	4.4	0.2	2.9	0.8	0.8	10.4	117.1	159	
324.3	120	20.9	148.6	613.8	84	172.7	86.9	101.1	20.1	27.4	14.3	5.8	0.8	14.3	32.4	132.9	45.7	
					85				20.1						29.5		76.2	64.7

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
222.1	50.6	87.9	582.8	37	55.8	67.5	13.1	59.4	15.4	0.8	16.1	33.7	9.7	90.8	121.6	98.9	
123.4	12.1	151.7	512.9	38	62.2	67.1	38.1	45.2	68.4	5.4	6.7	0	43.4	58.5	21.5	96.4	
191.4	70.1	160	713.1	39	66	17.4	131.8	1.4	26.8	54.4	5.1	10.6	31.3	40.2	119.9	208.2	
125.9	141.4	277.1	918.6	40	71.4	64.6	72.1	165.7	39.3	100.2	32.8	8.4	8.1	55.4	62.4	238.2	
119.2	28.6	100.4	564.3	41	120	128.2	17.1	43.8	39.5	16.4	3.8	8.4	9.1	82.5	27.6	67.9	
213.9	47.8	106	655.2	42	157.2	94.8	30.3	29.5	46.2	6.4	22.8	18.6	18.4	60	135.5	35.5	
146.7	28.3	186.3	635.2	43	156	20.1	11.3	73.2	101.8	19.3	0.6	8.4	42.5	15.1	89.1	97.8	
194.4	35.3	278	808.8	44	60.2	214.8	204.4	23.8	49.8	6.4	13.8	15.1	17.9	107.2	69.3	26.1	
69.9	8.6	93	552.9	45	216.3	33.7	39.9	51.5	1.6	0	0.2	8.4	1.1	31.5	37.3	131.4	
151.4	14.8	543.8	543.8	46	36.9	101.5	88.8	16	30.4	6.1	0.3	8.4	1	57.6	92.8	104	
167.4	53.5	69.8	501.5	47	80.1	50.4	50.4	13.2	6.2	6.4	5	42.1	5	80	82.4	147.6	
25.7	79.8	161.2	474.6	48	87.7	106.7	56.3	151	53.9	63	8.4	8.4	0	16.6	9.1	13.5	
112.7	107.1	202.1	557.1	49	39.2	13.7	117.9	58.7	25.5	48.1	48.8	10.2	27.6	38.5	46.6	82.3	
107.2	23.6	135.9	525.1	50	112.2	39.2	35.2	35.9	64.8	13.1	2.1	8.4	21.2	21	65	107	
104.7	34.9	161.9	512.4	51	68.9	79.9	69.5	23.3	69.1	2.6	28.2	4.1	4.8	54.9	45	62.1	
259.2	31.3	86.8	735	52	125.5	193.7	26.9	5.1	54.8	14.5	8.4	8.4	10.8	110.8	137.6	38.5	
96.3	95.1	123.6	578.6	53	106.5	114	43.2	28.5	51.9	78.3	8.4	8.4	17.4	57.9	21	43.1	
93.7	15.4	144.2	534.6	54	89.8	88.2	45.2	157	42	4.4	10.7	0.3	11.7	10.2	71.8	103.3	
345.6	20.2	127.7	701.4	55	77.2	82.2	46.6	79.7	1.4	5.8	8.5	5.9	0.5	52.6	292.5	48.5	
71.7	36.4	135.2	450.4	56	63.4	101.6	77.5	32.2	25.5	17.1	12.7	6.6	0.7	10.4	60.6	41.9	
107.5	38.7	86.8	368.8	57	47.3	29.4	23.8	20.6	42.4	30	0.3	8.4	18.4	6.5	82.6	59.1	
143.6	20.6	207.8	583.1	58	88.5	17.8	124	61	22.8	14.7	0.4	5.5	30.4	68.1	45.1	120.8	
96.2	87	101.3	559	59	143.1	10.9	44.1	28.4	28.8	41.9	45.1	0	4.1	37	55.1	120.5	
113	78.7	166.2	717.6	60	122.3	93.1	45.4	37.2	83.6	74.4	4.3	0	26.1	23.8	63.1	144.3	
85.7	52.5	96.1	419.8	61	62.4	63.6	14.9	52.7	28.5	44.8	3.1	4.6	8.2	23.4	54.1	59.5	
177.5	25.5	166.2	820.1	62	62.3	94.9	102.8	41.9	21.5	13.2	3.9	8.4	6.9	59	111.6	293.7	
115	40.2	132.4	755.3	63	186.8	104	46.7	55.9	29.8	30.9	0.9	8.4	0.3	65.6	49.1	176.9	
136.9	10.3	167.5	556.4	64	16	73	115.5	8	44	1.9	0	8.4	64.8	0	72.1	152.7	
127	15.7	229.3	703.6	65	42.7	199.5	32.8	148.4	48.1	2.5	0	13.2	0	16.3	110.7	89.4	
127	71.8	256.7	775.5	66	136.9	13.2	139.1	80.1	37.5	46.8	8.4	16.6	48.5	16.5	62	169.9	
111.5	33.5	142.6	563.9	67	149	30.3	50.2	76.1	16.3	33.5	0	0	36.7	58.6	16.2	97	
122.2	80.9	128.2	729.7	68	274.5	62.9	48.9	15.5	59.8	23.9	8.4	48.6	74.1	9.2	38.9	61	
7.4	120.6	111.6	578.9	69	119.6	69.9	55.8	46.1	9.7	63.5	53.2	3.9	0.9	1.8	4.7	149.8	
126.4	19.3	159	598	70	72.3	155.9	58.9	55.8	44.3	10.2	5.5	3.6	19.2	34.8	72.4	65.1	
129.9	26.9	143	544.5	71	75.6	70.3	93	20	30	13	10.6	3.3	15.5	20.4	94	98.8	
175.8	90.8	164.5	492.8	72	34.5	27	21.8	76.4	66.3	28.5	10.7	51.6	12.4	88.2	35.8	0.2	
192.3	40.5	148.5	611.9	73	27.5	110.3	43.7	75.6	29.2	15.9	12.4	12.2	12.4	65.2	114.7	92.8	
120.2	18.5	210.1	520.2	74	25.8	64.2	72.7	51.8	85.6	4.8	8.4	5.3	17.5	3.9	98.8	81.4	
123.8	27.7	214.7	635.1	75	119.1	36.8	73.3	59.6	81.8	24.6	0.1	3	11.2	31.1	61.5	113	
130.5	49.1	148.3	535.6	76	48.2	57.6	31.3	60	57	57	11.3	35.8	8	97.7	24.8	101.9	
201.5	8.5	101.7	489.3	77	61.7	38.6	45	39.2	17.5	1.7	6.8	0	52.3	38.4	110.8	77.1	
235.7	10.9	209.3	675.9	78	110	94.9	68.4	65	75.9	2.5	8.4	0	119.7	60.9	55.1	15.1	
155.3	32.9	120.9	538.8	79	98.1	56.6	25.5	54.6	40.8	20.3	4	8.6	8.5	36.7	110.1	75	
132.7	91.8	210.3	749.6	80	148.1	26.9	88.6	64.6	59.1	91.7	0.1	0	7	7.6	118.1	139.8	
156.9	20.1	121.8	780.7	81	145.8	36.1	42.3	4.7	74.8	0	16.5	3.6	7.7	46.7	102.5	300	
41.8	27.7	173.2	425.5	82	49	30.1	26.4	76.6	70.2	2.5	25.2	0	0	38.5	3.3	103.7	
162.2	62.7	87.5	468.5	83	48.2	49.9	12.9	44.7	29.9	10.7	51.9	0.1	15.6	38.2	108.4	58	
83.4	43.9	176.1	461.1	84	75.6	69.6	63.3	103	9.8	4.5	34.4	5	10.3	1.9	71.2	12.5	
176.5	34.7	108.2	521.8	85	124.9	37.5	52	8.2	48	30.7	0.3	3.7	0	69.3	107.2	40	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık	
55.7	85.9	82.8	132.5	366.9	38	35	11.7	22.4	79.1	31	8.1	74.7	0	32.5	17	36.4	19	
148	142.1	101.7	112.8	504.6	39	33.4	22.7	77.7	0.4	34.7	64.5	17.1	20.1	78.2	9.8	54.1	91.9	
285.8	79.8	72.2	169.2	611	40	76.6	88.1	69.5	56.1	43.6	54	3.1	15.1	26.5	20.3	33	125.1	
169.8	99.2	76	94.6	438.6	41	68.4	38.4	34.2	26	34.4	39.4	36.6	0	8.6	48.1	42.5	62	
162.1	167.6	51.8	98.5	419	42	63.8	18.8	13.3	62.1	23.1	3.5	3.8	44.5	72.9	61.8	32.9	18.5	
94.3	179.2	24.4	153.1	451.5	43	33.6	11.3	21.5	48.7	82.9	24.4	0	0	23.3	100.7	55.2	49.9	
123.8	60.8	61.4	125.9	371.9	44	46.9	40.6	79.5	18.5	27.9	24.4	11.2	25.8	1.4	32.9	26.5	36.3	
206.2	48.5	44.3	82.2	281.2	45	48.7	23.4	38.2	43	1	16.5	1.9	25.9	6	17.3	25.2	34.1	
125.3	102.7	58.3	174.1	460.9	46	11.8	66.9	68	27	79.1	55	0	3.3	0.5	59	43.2	47.1	
131.7	73.9	55.7	97.1	358.4	47	56.3	32.7	29.5	28.3	39.3	7.6	27.8	20.3	4.1	14.6	55.2	38.5	
207.1	42.2	59.6	146.3	455.2	48	60.9	96.7	62.2	37.5	46.6	57.8	1.3	0.5	3.8	19.7	18.7	53.5	
140.3	79	108.8	123.6	451.7	49	37.1	27.2	40.1	37	46.5	64.3	44.4	0.1	55.1	12.8	11.1	76	
142.3	84.9	91.4	117.7	436.3	50	73.6	48.4	46.1	37.3	34.3	35.1	44	12.3	6.5	33.7	44.7	20.3	
124.5	68.9	130	145.3	468.7	51	33.8	48.5	69.9	36.5	38.9	71	49.4	9.6	3.1	38.1	27.7	42.2	
152.9	83	37.3	152.2	436.4	52	46.6	56.9	21.7	42.9	87.6	27.1	10.2	0	20.9	34.3	27.8	50.4	
202.6	98.5	54.3	164.3	519.7	53	76.4	100.1	74.4	12.7	77.2	53.4	0.9	0	23.7	30.5	44.3	26.1	
195.4	59.6	78.8	213.5	547.3	54	100.1	48.7	56.5	45.7	111.3	36.6	31	11.2	17.5	17.1	25	46.6	
131.1	108.5	33.2	85.7	336.5	55	32.3	55.7	38.5	45.9	16.9	3.4	37.2	22.6	7.8	41.7	59	51.1	
127.9	75.7	55.4	186.5	435.5	57	17.5	24.3	30.5	29	119	54.5	0.6	0.3	33.2	7.6	34.9	76.1	
122.7	53.2	73.1	140.4	389.4	58	61.4	20.4	80.6	29	30.8	51	18.1	4	19.4	28.9	4.9	40.9	
144.5	64.2	93.3	87.9	390	59	71.6	23.5	36.9	22.5	28.5	32.2	57.6	3.5	11.1	26.3	26.8	49.5	
122.3	40	79	154.7	456	60	66	44.1	65.9	39.6	49.2	31.4	16.4	31.2	10.1	14	15.9	72.2	
111.5	54.3	82.3	231.6	479.7	65	13.3	56	45	75.1	111.5	16.1	54	12.2	0	9.9	44.4	42.2	
104.1	31.1	84.4	186.1	405.7	66	43.8	20.9	91.6	57	37.5	37.6	2.4	44.4	11.5	5	14.6	39.4	
134.2	50.7	52.8	147.3	385	67	52.5	35.3	46.6	45.5	55.2	27.7	19.4	5.7	3.1	12.1	35.5	46.4	
116.4	147.4	99.7	161.2	624.7	68	112.3	46.7	70.3	65.4	25.5	60.2	1	38.5	40.6	43.2	63.6	57.4	
125.5	35.7	70.1	110.3	394.6	69	59	42.5	28.1	34.8	47.4	56.4	4.1	9.6	0	6.2	29.5	77	
150.6	150.1	34.9	174.5	610.1	70	62.6	135.1	61.8	26.1	86.6	26	6.8	2.1	52.1	60.7	37.3	52.9	
137.5	110	71	197.6	516.1	71	44.2	14.4	76.5	43.3	77.8	49.7	14.8	6.5	44	36.1	29.9	78.9	
130.7	138.9	204.2	129.5	510.7	72	19.4	16.9	23.8	58.8	46.9	130.7	53.1	20.4	65	53.7	20.2	1.8	
95.6	77.7	61	92.2	359.8	73	10	38.7	24.5	52.4	15.3	24.8	32.9	3.3	1.1	57	39.8	60	
144.6	71	121.3	140.5	438.1	74	19.4	35.4	30.6	59.3	50.6	48.5	4.4	68.4	17.7	7.7	52.3	43.8	
153	93.7	55	115.1	416.8	75	62.6	45.4	50.6	37.7	95.9	65.3	0.3	38.1	6.9	24.9	39.2	56.6	
96.7	126.6	38.4	98.3	362	76	50.6	28.4	21.6	31.8	61.7	13	8.5	33.5	11.2	60.1	22.4	74	
113.3	81.3	17	101	418.2	77	17	19.7	39.9	44.4	14	30.6	1.1	6.7	14.2	49.7	62.7	62	
145.6	89.5	35.4	173.1	463.6	78	93.5	39.3	48	34	19	9.9	1.3	5.8	27.2	48	6.1	86.1	
153.4	121.5	68.9	133.8	477.6	80	67.5	33.6	34.1	25.4	113.6	19.2	11.6	4.6	21.1	28.5	39.9	42.6	
124.9	98	101.2	111.9	541	81	74	47.2	40.3	21.2	38.1	50.4	3	15.5	23.1	27.8	70.6	52.3	
111.7	42.3	52.5	221.3	429.8	82	65.7	22.3	32.3	9.1	62.5	32.9	56	12.3	30	49.6	18.4	108.7	
110.3	114.2	143.8	75.1	445.4	83	33.3	43	5	70.5	118.5	2.7	21	28.8	11.9	22.8	7.6	25.7	
111.2	59.4	131.8	169.6	442	84	30.1	45.4	56.2	24.1	46	83.7	55.7	4.4	7.6	30.4	76.2	36	
170.7	99.2	31.8	80.6	382.3	85	70.6	49	21.8	37	21.8	12.5	105.8	13.5	17.5	6.8	35.1	5.7	
											18.2	13.3	0.3	0.2	42.8	56.2	51.1	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
227.5	62.1	118.1	182.3	566	31	72.7	36.3	44.2	63.4	74.7	83.4	32	2.7	11.6	7.2	43.3	94.5
108.1	108.4	131.8	125	473.3	32	26.2	73.7	60.1	42.4	22.5	42	48.6	41.2	4.8	9.8	93.8	8.2
235.6	141.9	193.8	206	770.3	33	35	76.7	52.9	73.9	79.2	117.6	57.4	18.8	17	43.7	81.2	116.9
121.5	84.7	75.3	122.9	404.4	34	35.5	48.1	20	9.6	93.3	19	18.5	37.8	5.2	47.6	31.9	37.9
136.4	113.4	72.1	129.8	453.4	35	28	61.3	46.8	58.1	24.9	67.1	4.8	0.2	65.4	25.9	22.1	48.8
171.8	139.3	179.9	148.6	639.6	36	39.8	87.5	33.3	61.1	54.2	94.7	61.6	23.6	36.5	55.7	47.1	44.5
140.3	222.4	88.4	273.8	724.9	38	61.3	42.2	56.7	150.7	66.4	4.8	68.2	15.4	77.3	27.8	117.3	36.8
226	139.2	122.4	126	613.6	39	126.8	26.6	71.6	17.4	37	85.3	20.6	16.5	54.8	29.7	54.7	72.6
203.1	82.4	98.8	169.4	553.7	40	53.2	45.4	45.5	30.1	93.8	66.8	17.9	14.1	22.5	27.4	37.4	104.5
153.1	127.7	75.4	98.3	454.5	41	70.6	25.7	37.9	18.4	42	25.1	33.3	17	18.7	35.4	73.6	56.8
95	151.1	47.1	114.9	408.1	42	57.5	12.8	12.6	47.5	54.8	15	6.7	25.4	42.7	60.9	47.5	24.7
111.8	111.4	31.7	174.4	441.3	43	50.2	11.7	22	61.5	90.9	30.7	1	0	17	43.9	50.5	61.9
143.9	46.7	49.1	166.3	406	44	80.6	40.3	92.1	27.2	47	28.8	13.9	6.4	4.7	17.7	24.3	23
198.3	87.7	94.6	82.9	463.5	45	59	85.5	34.3	34.1	14.5	78	15.3	1.3	17.2	41.6	28.9	53.8
135.7	162.6	42.8	146.9	491	46	16.5	86	68.5	21.6	56.8	18.5	0.2	24.1	5.9	57.8	98.9	36.2
113.2	109.7	118.9	84.6	526.4	47	59.3	34.1	25.3	31.7	27.6	48.2	48.4	22.3	27.4	18.1	64.2	119.8
227.8	86.6	70.3	201.7	588.2	48	57.2	147.6	100.9	47.4	53.4	69.8	0.5	0	14.2	41.3	33.1	22.8
115	132.2	72.5	135	555.7	49	34.5	75.4	49.4	46.6	39	41.4	31	0.1	99.2	8.7	25.3	105.1
189	201	123.6	135.5	649.1	50	91.3	74.6	49.7	56	29.8	43.1	31.8	48.7	45.6	95.5	59.9	23.1
183.1	92.7	159.4	255.2	690.4	51	44.7	45	72.1	92.1	91	132	21.9	5.5	12.4	50.4	29.9	93.4
192.2	99.3	58.1	159.9	510.5	52	55.3	89.9	54.3	38.7	66.9	39.4	14.7	4	16.6	25.6	57.1	48
176.8	76.5	84.8	156.9	495	53	50.4	86	60.4	36	60.5	64	9.6	11.2	18.8	18.8	38.9	40.4
192.8	78.8	87.2	136	484.8	54	123.4	29.2	29.5	46.1	64.4	61.5	13.6	12.1	17.5	29	32.3	30.2
116.9	148.8	158.7	74	498.4	55	25.4	43.8	15.9	35.4	22.7	15.3	65.6	77.8	35	74.4	39.4	47.7
230.4	113.2	47	155.4	546	56	115	58.5	75.8	35.5	44.1	27.9	13.2	5.9	17.1	17.7	78.4	56.9
157.6	92.2	41.7	120.7	411.7	57	10.6	35.7	21.1	23.5	76.1	38.2	0.8	2.2	51.6	15.9	24.7	111.3
222.9	77.5	121.1	199.1	527.6	58	78.9	27	91.3	79.3	28.5	79.6	43.8	3.7	26.7	40.7	10.1	21
307	92.1	111.9	109	520	59	86.3	94	31.1	38.3	39.6	56.9	35	20	25.1	10.9	56.1	23.7
237.3	70.8	180.3	164	652.4	60	117.6	53.5	65.6	35.1	63.3	67.7	42.8	69.8	17	40.7	13.1	66.2
204.5	139.2	97.5	134.7	495.9	61	42.1	58	54.4	41	39.3	79.2	16.9	1.4	22.7	57.1	59.4	24.4
201.9	131.4	37.7	145.4	516.4	62	21	66	55.8	52.7	36.9	8.7	12	17	36.8	76.5	18.1	114.9
242.7	107.6	106.1	198.4	654.8	63	106.1	28.7	28.5	60.6	77.9	47.4	57.2	1.5	36.6	38.2	32.8	107.9
174.5	132	109.6	128.7	548.8	64	53.7	54.9	51	35.7	42	70	6.9	32.7	50.7	5	76.3	69.9
118.1	97.5	143.2	192.2	581	65	20.7	71.4	59.3	69.2	63.7	44.2	83.4	15.6	22.8	18.3	56.4	56
110.1	59.9	83.8	206.2	460	66	56.4	6.7	82.1	64.5	59.6	20.5	20.4	42.9	22	24.3	13.6	47
145.4	152.1	71.8	181.4	551.7	67	48.1	51.4	49.2	47.4	84.8	39.7	29.3	2.8	30.8	25.1	96.2	46.9
130.7	139.8	90.5	199.2	660.2	68	129.7	35.7	77.6	53	68.6	59.9	5.2	25.4	79.2	28.7	31.9	65.3
148.2	57.6	104.9	141.6	452.3	69	46.4	39.9	42.5	55.7	43.4	79.6	8.3	17	20.1	11.1	26.4	61.9
146.2	89	121.7	209.9	716.8	70	54.3	111.1	65.1	49.3	80.1	67.5	18.4	25.8	21.4	36.2	31.4	130.8
240.4	115.2	93.2	212.6	661.4	71	46.8	37.8	65.1	65.8	81.7	58.5	22.7	12	37.6	44.7	32.9	155.8
111	167.7	253.2	112.3	584.3	72	24	8.7	12.1	55.3	44.9	155.5	41.9	55.8	58.1	78.3	31.3	18.4
125.8	149.7	110.3	148.4	534.2	73	49.6	33.7	55	58.5	34.9	54.4	33.3	22.6	7.9	27.3	114.5	42.5
114.4	92	97.1	184.7	488.2	74	52.4	23.3	38.6	66.3	79.8	51.9	6	39.2	43.2	18.3	30.5	38.7
192.2	94.5	147.1	271.9	705.7	75	57	49.5	49.8	47.7	174.4	67.5	5.9	73.7	14.1	41.3	39.1	85.7
163.4	95.2	116.2	166.9	540.7	76	78.3	29.3	43.9	32.4	90.6	30.2	38.8	47.2	19.1	51.9	24.2	54.8
244.2	104.9	52	123.3	377.4	77	32.6	20.2	45.1	53.7	23.5	31.3	6.7	14	29.5	30.4	45	45.4
214.3	123.5	71.2	159.4	558.4	78	80.2	42.6	24.5	91.4	43.5	13.4	35.8	22	72.2	48.7	2.6	81.5
176.9	115	138.9	134.5	565.3	79	85.9	48.5	20.1	37.9	76.5	55.8	66.1	17	12.8	26.1	76.1	42.5
185.2	144.8	33.1	193.5	556.6	80	76.4	33.1	79.4	56.5	57.6	19.2	1.8	12.1	22.8	17.6	104.4	75.7
221.7	121.3	22.4	177.2	552.6	81	65.8	40.1	97.7	14.2	65.3	11.9	5.8	4.7	32.6	44.9	43.8	125.8
115.1	77.6	156.8	141.6	491.1	82	55.4	34.5	21.2	50.4	63.1	28.3	50.9	77.6	36.3	23.9	17.4	25.2
170.6	185.8	175.8	90.4	622.6	83	100.3	41.9	21.2	29.5	94.9	62.5	94.9	18.4	30.4	64.6	90.8	28.4
99.2	67.8	108.1	167.8	441.9	84	52.3	30.7	45.3	70.7	51.8	28.2	35.5	44.4	3	13.3	51.5	15.2



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
320.2	153.3	49.9	125.3	618.7	31	61.2	96.4	61.5	55.8	8	37	12.8	0.1	44.5	22.3	86.5	132.6
322.2	147.6	50.3	116.2	446.3	32	53.7	39.9	67	36.3	12.9	18.8	12.8	18.7	1.4	6.1	140.1	38.6
353.4	56.1	73	158.3	739.8	33	126.6	144.8	39.2	32.4	86.7	39.8	13.5	19.7	25.7	18.1	12.3	181
143.8	210.1	23.5	27	404.4	34	72	41.8	14.7	3.1	9.2	0.6	4.2	18.7	19.7	49.8	140.6	30
329.2	143.5	25.1	115.3	613.1	35	140.3	99.2	68	28.2	18.1	5.1	1.3	18.7	19.7	47.1	76.7	89.7
367.8	307.6	56.8	100.6	762.8	37	22.2	72.5	35.9	59.8	4.8	14.6	40.1	2.1	5.1	111	191.5	203.1
391.4	91.1	32.9	177.4	602.8	38	45.2	89.7	99.8	65.1	12.5	1.4	12.8	18.7	2.8	80	8.3	166.5
351.4	138	185.3	155.4	830.1	39	108.8	52.3	144.5	1.6	9.3	157.6	12.8	14.9	52.9	10.8	74.3	190.3
330.4	101.4	21	270.3	723.1	40	111.2	76.5	121.6	119.6	29.1	13.6	5.5	1.9	24.5	13.8	63.1	142.7
360.4	154.2	43.7	99.8	458.1	41	26.3	63.8	18.4	38.3	43.1	14.2	10.8	18.7	51.5	57.1	45.6	70.3
307.1	167.3	35.9	56.8	467.1	42	134.5	59.4	20.8	16.9	19.1	4.1	0.7	31.1	0	37.9	129.4	73.2
310.2	69.8	26.4	161.6	468	43	105	26	10.9	77.7	73	7.3	0.4	18.7	5.8	6.8	57.2	79.2
253.2	219.7	40	232.3	755.2	44	82.5	143.8	133.1	65.7	33.5	1.1	8	30.9	22.4	107.5	89.8	36.9
321.9	94	9.9	85	410.8	45	131.3	13.8	59.7	25.3	0	2.2	7.2	0.5	5.8	36.8	51.4	76.8
302.7	150.7	33.3	88.1	670.8	46	119.3	136.3	54.2	24.3	9.6	1.8	12.8	18.7	19.7	63.7	67.3	143.1
329.4	120.3	63.7	59.1	572.5	47	66.1	63	38.8	9.8	10.5	3.7	42.2	17.8	6	50.9	63.4	200.3
344.6	48.5	107.3	113.8	514.2	48	123.3	102.2	37.3	35.4	41.1	105.2	1.8	0.3	26	5.8	16.7	19.1
335.3	125.1	128.6	105.9	484.9	49	30.5	10.9	68.7	21	16.2	93.7	23.8	11.1	5	8.6	111.5	83.9
389	113.7	27.4	82.8	612.9	50	152.1	61.4	50	10.2	22.6	14.6	12.8	0	14.2	19.2	80.3	175.5
355	202.5	68.3	179.9	705.7	51	135.2	77.3	106.5	28.5	43.9	12.1	17.1	39.1	34.1	76.1	92.3	42.5
365	244.5	30.7	147.2	687.4	52	107.4	107	109.9	1.1	36.2	11.4	0.6	18.7	21.2	81.5	141.8	50.6
395.7	183.5	39.4	102.9	621.5	53	168.6	112.4	35.4	25.1	42.4	7.9	12.8	18.7	1.9	173.3	8.3	14.7
398	209.2	31.9	171.5	810.6	54	128	85.6	112.8	24.4	34.3	10.8	2.4	18.7	1.1	42.7	165.4	184.4
374.9	296	98.2	138.1	807.2	55	105.5	121.8	59.9	73.7	4.5	14	12.8	71.4	10.1	79	206.9	47.6
417.1	202.6	32.1	219.4	871.2	56	202.6	156.7	162.4	24.8	32.2	0.6	12.8	18.7	4	32.5	166.1	57.8
339.9	178.2	64	170.3	525.4	57	39.6	15.5	55.1	45.1	20.1	24.1	39.9	0	74.2	23.7	80.3	57.8
173.4	189.3	15.9	223.2	601.8	58	103.3	18.4	143.4	57	22.8	7.9	0	8	53.9	64.1	71.3	51.7
338.6	108.7	158.1	79	684.4	59	172.7	7.5	31.6	43.7	3.7	112	27.4	18.7	19.6	51.2	37.9	158.4
342.8	50.1	68.8	137.3	599	60	92.7	66.9	51.9	65.5	19.9	63.3	5.3	0.2	6.2	10.7	33.2	183.2
256.4	168.7	41	119.3	587.4	61	119.8	42.1	9.2	41.9	68.2	28	12.8	0.2	19.7	10.4	138.6	96.5
414.6	297.6	124.2	160	996.4	62	40.2	86.8	110.6	43.9	5.5	18.2	87.3	18.7	11.1	183.7	102.8	287.6
451.5	103.6	25.4	135.2	715.7	63	137.3	93.1	63.3	38.8	33.1	6.6	0.1	18.7	3.8	66.5	33.3	221.1
329.5	249	17.5	121	717	64	47	63.2	43.6	14.2	63.2	5	1.3	11.2	140.8	50.3	57.9	219.3
339.5	163.8	1.5	126.5	691.3	65	30.5	191.6	21	60.7	44.8	1.1	0.4	0	19.7	49	95.1	177.4
395.4	175.5	41.8	156.3	769	66	221	21.2	90.8	46.2	19.3	19.2	12.8	9.8	36.7	13.6	125.2	153.2
306.2	96	37.4	84.2	523.8	67	124.6	43.3	34	42.2	8	25.3	3.1	9	9.7	58.5	27.8	138.3
339.2	276.4	60.1	143	808.7	68	175	24.3	107	26.3	9.7	43.4	12.8	3.9	194.6	29.2	52.6	129.9
403.4	116.5	25.6	138.2	683.7	69	102	131.7	49.1	84.9	4.2	1.4	5.5	18.7	0.6	47.1	68.8	169.7
266.9	115.5	17.6	138.8	540.8	70	56.3	150.4	55.2	44.1	39.5	15.4	2	0.2	7.9	28.5	79.1	62.2
331.8	103.8	43.5	231.9	615.4	71	90.7	91	145.8	19.8	66.3	28.8	12.8	2.3	19.2	13.9	69.7	55.1
387	190.9	116.6	123.3	517.8	72	26.1	48.7	23.3	58.5	41.5	0.4	65.7	45.9	40	106.4	44.5	12.2
335.8	79.6	4.5	110.3	430.2	73	50.6	117.5	53	53.3	5	0.4	2.4	1.7	32.1	30.2	17.3	67.7
166.9	266.2	55.9	195.1	704.1	74	26.5	71	120.2	21.8	53.1	19.7	17.5	18.7	13.4	30.6	222.2	89.4
332.2	238	79.1	191.4	800.7	75	97.1	65.8	78.1	58.6	54.7	65.4	5.8	7.9	3.2	43.8	191	129.3
177.2	170.1	187	63.8	571.7	76	61.3	27.4	26.4	23.6	14.8	45.4	55.3	50.1	13.2	75.7	98.1	81.4
353.9	155.3	19.7	186.6	645.5	78	153.9	82.5	42.9	22.6	10.4	9.5	30.7	0.4	39.4	18.4	66.2	68.2
257.3	184	23.1	117.5	581.8	79	169.8	33.5	94.1	77.8	14.7	6.2	12.8	0.7	63.9	64.7	26.7	47.5
304.8	228.8	87.4	281.4	902.4	80	107.8	49.5	24.7	58	34.8	1.8	2.6	18.7	19.8	45.3	118.9	53.9
165.4	258.4	72.5	139.6	835.9	81	153	76.9	36.7	9.6	91.6	75.4	6	6	7.1	16.4	205.3	147.5
338.2	71.3	31.6	208.1	549.2	82	88.4	54.6	44.1	117.1	46.9	0.9	12	18.7	0.5	55.3	15.5	95.2
309.9	107.1	89.5	97.1	502.6	83	52.5	66.3	26.8	36.9	33.4	40.1	30.7	18.7	11.2	34	61.9	90.1
376.1	121.2	22.6	203.7	625.6	84	140.8	98.7	115.9	77.6	10.2	20.8	1.2	0.6	0.1	47.1	74	38.6
307.5	184.4	13.3	89.3	490.5	85	137.2	34.7	67.5	10.3	11.5	10.8	2.4	0.1	19.7	50.4	114.3	31.6

	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekin	Kasım	Aralık
125.1	78.3	145	143.7	492.1	48	13.9	88.8	41.6	24.6	77.5	118.6	0	26.4	24.7	39.9	13.7	22.4	
96	50.2	87.7	126.1	360	49	37.5	23.1	48.9	35.7	41.5	39.6	48.1	0	28	13	9.2	35.4	
91.3	43.9	21.3	141.5	288	50	26.3	29.4	27.9	34.6	79	11.7	3.3	6.3	8.6	19	16.3	25.6	
108.2	108.2	128.7	150.5	479	51	38.3	12.5	47.7	51.3	51.5	70.2	54	4.5	1.1	44.3	62.8	40.8	
95.5	76.2	97.2	166.1	435	52	29.3	52.5	46.4	35.9	83.8	66.1	27	4.1	1.1	6.9	68.2	13.7	
171.8	33.8	74.8	218.2	498.6	53	69.5	84.8	29.9	64.4	123.9	73.1	1.5	0.2	15.5	16.5	1.8	17.5	
214.3	42.2	79.1	106.9	442.5	54	112	36.7	15.6	59.8	31.5	48.7	8.4	22	0	2.8	39.4	65.6	
71.4	115.3	61.4	119.2	367.3	55	23	13.9	31.3	36.7	51.2	14.1	25.7	21.6	41.1	38	36.2	34.5	
134.9	25	23.9	74.5	258.3	56	42.8	79	27.6	9.2	37.7	22.5	1.2	0.2	10.9	3	11.1	13.1	
118.7	92	78.1	169.8	458.6	57	9.9	22.2	43.1	24.3	102.4	40.8	0.5	36.8	54.8	14.6	22.6	86.6	
132.5	34.3	87.1	178.4	432.3	58	84.4	9.5	91.9	35.7	50.8	85	0.1	2	15.1	16.9	2.3	38.6	
171.3	32.7	105.8	96	405.8	59	131.3	8.6	4.9	27.4	63.7	56.4	28.6	20.8	2.9	15.6	14.2	31.4	
92.8	41.6	64.6	157.4	355.4	60	38.9	18	67	56.7	33.7	48.9	3.4	12.3	6.3	16	19.3	34.9	
240.1	33.4	113.2	49.2	435.9	61	38.8	135.1	17.1	10.1	22	90.3	11.2	11.7	22.3	9.5	1.6	66.2	
199.3	76.8	17.9	117.9	410.9	62	28.2	71.3	32.2	33	52.7	6.5	4.8	6.6	50.1	23.5	3.2	98.8	
151.8	43.7	58.3	203.6	457.4	63	89.4	37.7	32.5	70.7	100.4	23.8	22.8	11.7	17.8	8.8	17.1	24.7	
109.7	75.85	120.3	88.3	394.15	64	3.3	57.2	31.8	13	43.5	109.3	7.3	3.7	10.3	16.25	49.3	49.2	
204.6	37.6	93.4	170.9	506.7	65	16.3	118.1	71.2	36.6	63.1	56.9	9.7	26.8	15.3	2.7	19.6	70.4	
199	42.2	70.3	157.4	458.9	66	137.7	5.3	59.3	41.9	56.2	20.4	10.7	39.2	0.8	18.8	22.6	46	
106.9	39.8	47.9	182.7	371.3	67	22.8	28.8	51.8	26.7	64.2	28.2	6.5	13.2	3.5	12.2	24.1	49.3	
176.6	99.6	65.7	158	501.9	68	89.4	23.3	82.1	30.4	45.5	31.1	13.3	21.3	33.1	17.1	49.4	65.9	
235.4	39.2	29.6	172.4	476.6	69	54.7	58.9	63.6	61	47.8	16.8	1.1	11.7	11	4.1	24.1	121.8	
168	83.6	25.6	88.7	365.9	70	52.5	69.1	35.5	17.7	35.5	22.2	3.3	0.1	33.9	28.4	21.3	46.4	
127.5	72.2	63.5	202.6	465.8	71	31	43.4	81.5	65.1	56	12.1	7.2	44.2	17.9	8.7	45.6	53.1	
50.6	96.5	141.7	120.4	409.2	72	8.7	23.4	18.6	37.7	64.1	51.1	39.5	51.1	49.8	41.6	5.1	18.5	
50.7	36.7	31.1	111.3	229.8	73	15.7	19.5	32.4	34.7	24.2	11.7	12.7	6.7	17.7	10.2	8.8	15.5	
84.3	22.6	75.1	160.8	342.8	74	5.1	35.9	46	48.5	66.3	35.3	17.8	22	10.2	8.3	4.1	43.3	
151.5	70.8	62.6	162.5	447.4	75	85	27.3	7.5	61.7	93.3	37.2	11.8	13.6	3.4	16.6	50.8	39.2	
106.8	110.8	93.6	97.2	408.4	76	42	18.1	13	52.1	32.1	74.1	13.8	5.7	19.4	71.9	19.5	46.7	
74.2	44.9	52.5	122.7	294.3	77	50.6	2.2	28.9	28.8	65	39.8	11.9	0.8	21	7.3	16.6	21.4	
166.7	90	29.8	104.9	391.4	78	57.3	35.9	20.6	63.8	20.5	1.5	25.2	3.1	28.2	61	0.8	73.5	
115.7	100.3	55.8	64.3	356.1	79	69.6	29.6	4.7	10.6	59.8	14	6.1	6.6	1.8	61.8	36.7	36.5	
169.7	58.4	41.8	155.4	415.3	80	72.3	35.5	45.9	49.5	60	31	40	4.7	17.7	11.4	29.3	51.9	
143.9	69.3	55.1	96.7	462	81	113.8	48.9	47	15	34.7	11.4	34.7	3.7	1.3	26.7	41.3	78.2	
141.5	28.9	147.6	202.9	445.9	82	23.5	13.8	34.2	88.2	80.5	59.7	16	71.9	9	9.3	10.6	29.2	
95.4	136.2	144.3	178.1	554	83	32.7	27.3	14.2	80.4	83.5	80.2	42.7	21.4	2	33.1	101.1	35.4	
102.4	32	86	189.2	389.6	84	64.8	15.6	38.9	100.3	50	48.8	26.1	11.1	5	9.3	17.7	2	
15.6	66.2	52	186	399.8	85	35.8	36.4	21.6	32.9	131.5	33	18.2	0.8	15.3	17.6	33.3	23.4	



	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
130	130	7.3	141.1	398.4	38	30.7	22.2	56.3	44.5	40.3	1.6	0.8	4.9	76.6	44	9.4	67.1	
242.4	133.6	113.9	141	631.9	39	29.5	19.9	75.9	7	58.1	59.3	30	24.6	43.8	34.3	55.5	194	
343.3	150.8	157.6	318.6	970.3	40	94.8	80.5	115.8	129.3	73.5	67.8	81.8	8	52.8	19.3	78.7	168	
297.8	180.3	69.3	121.5	578.9	41	45	64	8.5	38.3	74.7	45.6	22.7	1	59.3	70.6	50.4	98.8	
135.7	149.2	24.3	101.5	421.7	42	90.3	42.9	52.7	36.3	12.5	6.3	4.2	13.8	0.1	34.6	114.5	13.5	
190.6	171	26.1	182	568.7	43	96.5	17.2	33.7	54.1	94.2	19.8	6.1	0.2	9.3	54.1	107.6	75.9	
173.8	198.6	62.5	151.9	586.8	44	35.1	86.7	91.5	33.9	26.5	38.5	16.6	7.4	35.8	81.4	81.4	52	
180.1	104.4	32.1	65	381.6	45	104.8	23.9	35.9	27.4	1.7	9.4	7.3	15.4	11.9	69	23.5	51.4	
158	140.9	30.4	115	544.3	46	65.5	76.3	59.1	21.5	34.4	0.4	21.4	8.6	0	59.7	81.2	116.2	
157	102.4	87.9	108.2	535.5	47	51.4	54.4	67.6	6.9	33.7	39.1	8	40.8	3	33.6	65.8	131.2	
204.6	1094	109.35	132.5	582.5	48	94.3	49.3	22.3	54.8	55.4	93.9	5	10.45	22	4.1	90	81	
153	73.3	158.1	121.7	506.1	49	22.4	12.9	70.8	39.9	11	94	38.3	25.8	5.4	8.5	59.4	117.7	
185.3	88.5	17.1	101	401.9	50	102.5	13.4	53.4	11.3	36.3	11	2.6	3.5	15.7	21.3	51.5	79.4	
145.9	149	380.1	107.6	786.6	51	82.1	41.8	48.4	25.5	33.7	55.7	16.2	308.2	28.5	42.7	77.8	26	
205.3	295.6	53.1	83.8	641.8	52	102.2	67	44.6	0	39.2	50.9	2.2	0	21.4	108.7	165.5	40.1	
206.3	135.9	133.2	52.1	529.5	59	98.3	12	21.3	22.4	8.4	55.3	46.2	31.7	31.9	23.9	80.1	98	
182	96.6	98.5	118.1	496.2	60	82.5	25.6	21.8	40.1	56.2	86.3	10.2	2	28.4	20.2	48	74.9	
193.6	112	51.9	83.8	441.3	61	54	43.2	18.8	7.7	57.3	46.4	4.9	0.6	17.2	37.5	57.3	96.4	
200.6	198.3	48.6	152.9	630.4	62	37.6	41.8	96.8	50	6.1	30.5	17.1	1	36.7	84	77.6	151.2	
201.9	129.4	44.85	131.8	587.95	63	68.1	101.4	67.5	22.8	41.5	28.1	6.4	10.45	20.4	68.7	40.3	112.4	
190.5	184	44.8	100.9	510.2	64	17.6	50.8	25.2	27.1	48.6	8	30.1	6.7	142.9	5.4	35.7	112.1	
157.9	218.6	59	154.2	689.7	65	29.7	87.9	33.1	53.2	67.9	16.6	10.6	31.8	0.5	30.2	187.9	140.3	
201.2	165.8	106.6	187.7	801.3	66	148.2	71.8	88.7	49.9	49.1	96.4	0.4	9.8	26.2	6.9	132.7	121.2	
205.9	92.5	43.8	88	462.2	67	110.5	42.6	27.5	44.5	16	21.4	11.3	11.1	34.6	35.4	22.5	84.8	
119.7	166.8	72.3	92	650.8	68	160.5	43	67.1	11.4	13.5	35.5	2.6	34.2	95.8	24	47	116.2	
113.8	60.2	76.7	86	536.7	69	86.9	101.9	35.7	50.3	0	44	1.4	31.3	7.5	1.1	51.6	125	
137.5	187	33.3	197.8	665.6	70	54.6	128.4	77	69.6	51.2	30.4	2.9	0	3.1	76.1	107.8	64.5	
167.7	132.9	63.1	193.1	556.8	71	81	41.5	124.8	23.1	45.2	37.3	22.8	3	16.8	27.9	88.2	45.2	
48.2	263.1	76.6	64.2	452.1	72	19.7	18.3	10.3	15.1	38.8	24.7	28.1	23.8	96.5	89.7	76.9	10.2	
184.2	130.8	95.4	117.2	527.6	73	39.5	104.1	60.7	43.2	13.3	21.9	21.5	52	24.1	69.2	37.5	40.6	
99.7	157.4	30.3	215.5	502.9	74	20.1	34.4	50.4	31.6	133.5	24.3	1.3	4.7	25.7	33.8	97.9	45.2	
145.8	242	107.4	235.5	734.7	75	58.3	16.6	98.3	51.5	85.7	55.7	30.1	21.6	0.8	121.3	119.9	74.9	
171.9	174.4	187.3	128.9	628.5	76	29.5	26	31.7	28.4	68.8	86.1	20.2	81	42.8	67.7	63.9	82.4	
200.4	110.6	73.6	151.6	538.2	77	67.1	70.1	40.6	74.7	36.3	50.6	21.6	1.4	22.5	26.2	61.9	65.2	
205.6	335	17.9	109.5	678.6	78	112.7	79.4	59.4	77.9	57.8	11.9	4.2	1.8	100.7	104.6	29.7	38.5	
175.7	189.5	96.7	109.5	591.4	79	117.3	34	16.4	43.1	50	3.9	54.2	38.6	6.1	105.9	77.5	44.4	
193.2	109.6	151.6	169.5	732.9	80	124.9	49.2	76.1	47.3	46.1	89.5	60.3	1.8	12.1	9.8	87.7	128.1	
343.7	229	69.7	129.4	753.8	81	100.4	35.6	60.9	9.6	58.9	0.5	65.2	4	29.5	84.9	114.6	189.7	
144.4	56.9	73.2	165.3	459.8	82	45.7	16.2	14.7	88.6	62	21.6	33.9	17.7	2.7	20.6	33.6	102.5	
145.1	81.4	155.2	50	431.7	83	36.9	64.5	7.4	16.7	25.9	30.1	89.7	35.4	17.9	30.3	33.2	43.7	
146.2	90.2	66.9	208.1	511.4	84	75.4	48.1	108.1	66.5	33.5	10.9	25.2	30.8	2.7	21.1	66.4	22.7	
188	174.7	39.2	85.8	487.7	85	109	41.6	29.2	48.8	7.8	24.7	10.6	3.9	16.4	32.3	126	37.4	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
140	32	95.4	223.4	490.8	31	51.4	37.3	57.8	59	106.6	78.9	11.3	5.2	4.8	1.3	25.9	51.3
63.4	68.6	58.9	114.6	304.5	32	27.1	29.3	59.6	29.6	25.4	45.9	0.7	12.3	10	8.3	50.3	6
132.3	72.4	119	114.7	438.4	33	17	45.7	22.2	58.7	33.8	89.2	29.5	0.3	18	26.4	28	69.6
237.7	103.7	78.5	131.2	361.4	34	40.4	27.6	16.4	50.5	64.3	32	46.5	0	10	31.1	16.5	26.1
37.2	70.2	109.9	185.6	548.2	35	224.6	41.1	33.5	49.2	3.8	5.9	28.9	35.5	45.6	22.4	35.7	22
94.5	105.7	30.6	91.7	462.9	36	16.1	45.4	18.9	68.5	98.2	71.8	33.8	4.3	10.2	38	22	35.7
115.8	105.5	35.9	167.3	322.5	37	24.9	7.5	10.8	36.3	44.6	26.1	0	4.5	7.7	30.2	67.8	62.1
91.9	97	106.6	116.4	427.5	38	52	2.7	23.2	78.9	65.2	19.3	3.3	13.3	54.6	7.4	43.5	64.1
147.3	37.3	159.5	178.6	522.7	40	26.8	10.8	31.5	32	52.9	107.3	17.9	34.3	13.8	7.6	70.5	62.7
133.3	81.3	61.1	62.4	308.1	41	52.6	37	19.5	33.6	125.5	14.1	19.7	0.7	2	6.3	45.5	26.2
90.5	127.8	91.3	90.5	396.1	42	55.1	16.5	33.7	24.4	4.3	21.8	31.5	7.8	4.7	27.7	48.9	34.2
112.2	96.6	63.9	123.4	395.1	43	63.1	8.1	17.4	23.7	49.4	33.3	3.6	54.4	28.9	60.6	38.3	23.3
113.1	53.8	60.4	153.5	382.8	44	55.1	33.8	81.1	27.5	85.7	44.2	19.7	0	14.3	31.9	50.4	26.1
134.8	90.5	130	67.9	413.2	45	54	13.7	25	32.3	10.6	42.4	17.3	0.7	2	6.3	45.5	26.2
112.7	71.3	112.4	188	484.4	46	10.2	43.8	71.1	65.8	51.1	39.4	64.1	8.9	33.2	54.3	17	58.7
147.9	112.1	56.9	103	419.9	47	53.9	48.1	33.6	5.9	63.5	34.5	21.1	1.3	33.2	11.6	67.3	45.9
111.6	86.4	85.3	180.3	463.6	48	47.4	58.9	43.2	27.2	109.9	82.1	2.2	1	24.8	54.7	6.9	5.3
77.1	57.6	49.3	169.5	373.5	49	31.2	27.5	33.1	50.7	85.7	41.4	7.9	0	33.3	9.6	14.7	38.4
106.5	34.5	68.8	196.4	406.2	50	48.4	40.9	54.3	35.2	106.9	51.1	16	1.7	0.8	22.1	11.6	17.2
59.8	79	68.5	205.9	413.2	51	12.4	43.4	81.7	27	97.2	39.1	26.4	3	5.1	32.3	41.6	34
91.5	58.5	52.9	147.1	350	52	47.7	35.4	44.6	16.6	85.9	42.4	10.3	0.2	4.7	9.3	44.5	8.4
122.1	65.2	34.6	156.8	365.7	53	43.5	44.3	41.1	57.4	58.3	28.5	4.4	1.7	4.8	52.1	8.3	21.3
132.4	29.4	62.8	79.8	335.4	54	74	40.8	23.4	37.7	18.7	33.2	6.1	23.5	5	4.8	19.6	48.6
67	88	61.6	118	334.6	55	19.7	18.6	22.2	51.7	44.1	0.8	40.7	20.1	15.9	33.8	38.3	28.7
134	38.1	43.5	112.4	328	56	29.8	65.4	33.5	21.4	57.5	27.8	12.4	3.3	6.9	13.7	17.5	38.8
51.2	77	15.9	134.3	288.4	57	9.7	24.3	22.1	29.6	82.6	7.9	0.1	7.9	56.2	8	12.8	27.2
125.4	46.3	110	203	464.7	58	44.4	12.6	87.5	50.2	65.3	91.5	10.6	7.9	21.3	19.9	5.1	48.4
165.4	51.2	88.4	156.4	449.3	59	83.2	18.3	25.5	58.9	72	40.8	37.1	10.5	20.2	19.8	11.2	51.8
91.6	51.2	72	146.2	361	60	29.6	38.3	50	44.4	51.8	49.6	12.1	10.3	4.2	11.3	35.7	23.7
174.4	51.8	131.5	123.6	481.3	61	39.7	55.9	34	34.1	55.5	103.1	25.8	2.6	24.7	13	14.1	78.8
225.6	65.7	20.1	109.1	420.5	62	48.3	49.6	35.2	39.5	34.4	13.1	6.8	0.2	16.6	38.1	11	127.7
138.4	76.2	25.5	123.9	364	63	58	36.8	36	40	47.9	15.8	6.3	3.4	25.1	34.2	16.9	43.6
73.7	58.3	77.4	115.8	325.2	64	4.3	46.4	40.8	15.5	59.5	63.7	11.5	2.2	22.3	0.4	35.6	23
124.7	1086.5	88.5	125.4	441.1	65	25.9	53.7	43.4	20.9	61.1	50.9	19.3	18.3	15.9	17.1	69.5	45.1
133.1	28.1	73.7	147.5	402.4	66	88.9	6.1	37.7	64.2	45.6	19.6	8.6	45.5	12.6	0.1	15.4	58.1
24.4	99.5	115.9	244	543.8	67	24.9	21.6	69.1	74.4	100.5	110.5	0.8	4.6	18.2	17.1	64.2	37.9
120.9	87.8	73.7	126.6	419	68	77.2	21.9	54.1	34.7	37.8	39.7	14.6	19.4	41.4	21.4	25	31.8
147.9	80.7	79.9	161.5	470	69	50.6	48.8	29.2	87.4	44.9	70.2	1.8	7.9	15.6	8.4	56.7	48.5
170	133.4	31.1	70.9	405.4	70	57.6	56.9	35.9	10.7	24.3	26.4	2.7	2	28.9	22	18.7	55.5
84.8	112.2	131.8	204.1	532.9	71	4.9	12.2	38.6	83.9	81.6	80.4	39.5	11.9	24.7	34.8	52.7	67.7
70.2	131.7	198.8	101	501.7	72	21.3	34	5.9	38.9	56.2	125.9	54.7	18.2	62.5	54.2	15	14.9
53.6	51.2	56.7	162.9	324.4	73	12.1	18.1	62	62.9	38	45.8	9.4	1.5	3.8	9	38.4	23.4
113.5	16.2	119	187	435.7	74	14.1	17.8	29.3	65.2	92.5	44.4	24.1	50.5	6.3	3.5	6.4	81.6
124.3	69.8	62.3	220.3	476.7	75	42.9	18	47.2	91.3	81.8	47.4	5.7	9.2	15.9	31.9	22	63.4
96.2	90.3	63.9	123.1	373.5	76	49.4	17.1	16.4	50	56.7	36.7	23.4	3.8	6.5	42	41.8	29.7
90.4	83.6	67.5	264.9	506.4	77	17.9	25.3	56.3	86.3	122.3	44.3	22.2	1	36.5	33.6	13.5	47.2
150.8	106.4	22.2	143.8	433.2	78	57.5	51.4	33.9	95.1	14.8	9.5	2.9	9.8	38	66.9	1.5	51.9
151	108.1	165.8	77.6	512.5	79	66	38.1	24.8	30	22.8	48.7	37	80.1	37	80.1	45.8	46.9
156.3	118.7	44.2	202.1	511.3	80	86.4	18.2	44.1	85.1	72.9	32.1	11.9	0.2	22.8	23.1	62.8	51.7
152.4	102.6	99.8	127.3	482.1	81	68.8	36.4	38	22.9	66.4	58.2	21.9	19.7	27.3	26.3	49	47.2
77.6	28.3	60.7	158.1	324.7	82	31.4	15.9	45.2	69.4	43.5	27.4	30.1	3.2	1.1	12.5	14.7	30.3
122.6	157.5	154.4	163.2	606.7	83	53	32.3	23.5	67.3	72.4	63.1	61.7	29.6	15	41.5	101	46.3
121	28	49.7	170.8	310.6	84	28.9	18.2	23.5	96	51.3	21.1	8.5	20.1	4	0.4	23.6	15
112.7	146.5	44.8	174.1	478.1	85	38	38.5	17.3	40.1	116.7	9.1	19.3	16.4	5.6	96.1	44.8	36.2

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
140	32	95.4	223.4	490.8	31	51.4	37.3	57.8	59	105.6	78.9	11.3	5.2	4.8	1.3	25.9	51.3
62.4	68.6	58.9	114.6	304.5	32	27.1	29.3	59.6	29.6	25.4	45.9	0.7	12.3	10	8.3	50.3	6
132.3	72.4	119	114.7	438.4	33	17	45.7	22.2	58.7	33.8	89.2	29.5	0.3	18	26.4	28	69.6
94.1	57.6	78.5	131.2	361.4	34	40.4	27.6	16.4	50.5	64.3	32	46.5	0	10	31.4	16.5	26.1
387.7	103.7	70.3	86.5	548.2	35	224.6	41.1	33.5	49.2	3.8	5.9	28.9	35.5	45.6	22.4	35.7	22
97.2	70.2	109.9	185.6	462.9	36	16.1	45.4	18.9	68.5	98.2	71.8	33.8	4.3	10.2	38	22	35.7
94.5	105.7	30.6	91.7	322.5	37	24.9	7.5	10.8	36.3	44.6	26.1	0	4.5	7.7	30.2	67.8	62.1
118.8	105.5	35.9	167.3	427.5	38	52	2.7	23.2	78.9	65.2	19.3	3.3	13.3	54.6	7.4	43.5	84.1
91.9	97	106.6	116.4	411.9	39	18.4	10.8	31.5	32	52.9	54.9	9.2	42.5	18.9	7.6	70.5	62.7
147.3	37.3	159.5	178.6	522.7	40	26.8	37	19.5	33.6	125.5	107.3	17.9	34.3	13.8	14.1	9.4	83.5
103.3	81.3	61.1	62.4	308.1	41	52.6	16.5	33.7	24.4	4.3	21.8	31.5	7.8	4.7	27.7	48.9	34.2
86.5	127.8	91.3	90.5	396.1	42	55.1	8.1	17.4	23.7	49.4	33.3	3.6	54.4	28.9	60.6	38.3	23.3
111.2	96.6	63.9	123.4	395.1	43	63.1	22	4.8	32.9	85.7	42.4	19.7	0	14.3	31.9	50.4	26.1
115.1	53.8	60.4	153.5	382.8	44	55.1	33.8	81.1	27.5	44.9	42.4	17.3	0.7	2	6.3	45.5	26.2
124.8	90.5	130	67.9	413.2	45	54	13.7	25	32.3	10.6	89.5	32.3	8.2	29.9	21.2	39.4	57.1
112.7	71.3	112.4	188	484.4	46	10.2	43.8	71.1	65.8	51.1	39.4	64.1	8.9	0	54.3	17	58.7
147.9	112.1	56.9	103	419.9	47	53.9	48.1	33.6	5.9	63.5	34.5	21.1	1.3	33.2	11.6	67.3	45.9
111.6	86.4	85.3	180.3	463.6	48	47.4	58.9	43.2	27.2	109.9	82.1	2.2	1	24.8	54.7	6.9	5.3
27.1	57.6	49.3	169.5	373.5	49	31.2	27.5	33.1	50.7	85.7	41.4	7.9	0	33.3	9.6	14.7	38.4
106.5	34.5	68.8	196.4	406.2	50	48.4	40.9	54.3	35.2	106.9	51.1	16	1.7	0.8	22.1	11.6	17.2
59.8	79	68.5	205.9	413.2	51	12.4	13.4	81.7	27	97.2	39.1	26.4	3	5.1	32.3	41.6	34
91.5	58.5	52.9	147.1	350	52	47.7	35.4	44.6	16.6	85.9	42.4	10.3	0.2	4.7	9.3	44.5	8.4
109.1	65.2	34.6	156.8	365.7	53	43.5	44.3	41.1	57.4	58.3	28.5	4.4	1.7	4.8	52.1	8.3	21.3
183.4	29.4	62.8	79.8	335.4	54	74	40.8	23.4	37.4	18.7	33.2	6.1	23.5	5	4.8	39.6	48.6
67	88	61.6	118	334.6	55	19.7	18.6	22.2	51.7	44.1	0.8	40.7	20.1	15.9	33.8	38.3	28.7
134	38.1	43.5	112.4	328	56	29.8	65.4	33.5	21.4	57.5	27.8	12.4	3.3	6.9	13.7	17.5	38.8
61.2	77	15.9	134.3	288.4	57	9.7	24.3	22.1	29.6	82.6	7.9	0.1	7.9	56.2	8	12.8	27.2
105.4	46.3	110	203	464.7	58	44.4	12.6	87.5	50.2	65.3	91.5	10.6	7.9	21.3	19.9	5.1	48.4
153.3	51.2	88.4	156.4	449.3	59	83.2	18.3	25.5	58.9	72	40.8	37.1	10.5	20.2	19.8	11.2	51.8
91.6	51.2	72	146.2	361	60	29.6	38.3	50	44.4	51.8	49.6	12.1	10.3	4.2	11.3	35.7	23.7
174.4	51.8	131.5	123.6	481.3	61	39.7	55.9	34	34.1	55.5	103.1	25.8	2.6	24.7	13	14.1	78.8
125.6	65.7	20.1	109.1	420.5	62	48.3	49.6	35.2	39.5	34.4	13.1	6.8	0.2	16.6	38.1	11	127.7
138.4	76.2	25.5	123.9	364	63	58	36.8	36	40	47.9	15.8	6.3	3.4	25.1	34.2	16.9	43.6
33.7	58.3	77.4	115.8	325.2	64	4.3	46.4	40.8	15.5	59.5	63.7	11.5	2.2	22.3	0.4	35.6	23
134.1	1086.5	88.5	125.4	441.1	65	25.9	53.7	43.4	20.9	61.1	50.9	19.3	18.3	15.9	17.1	69.5	45.1
152.1	28.1	73.7	147.5	402.4	66	88.9	6.1	37.7	64.2	45.6	19.6	8.6	45.5	12.6	0.1	15.4	58.1
84.4	99.5	115.9	244	543.8	67	24.9	21.6	69.1	74.4	100.5	110.5	0.8	4.6	18.2	17.1	64.2	37.9
130.9	87.8	73.7	126.6	419	68	77.2	21.9	54.1	34.7	37.8	39.7	14.6	19.4	41.4	21.4	25	31.8
147.9	80.7	79.9	161.5	470	69	50.6	48.8	23.2	87.4	44.9	70.2	1.8	7.9	15.6	8.4	56.7	48.5
170	133.4	31.1	70.9	405.4	70	57.6	56.9	35.9	10.7	24.3	26.4	2.7	2	28.9	85.8	16.7	55.5
84.8	112.2	131.8	204.1	532.9	71	4.9	12.2	38.6	83.9	81.6	80.4	39.5	11.9	24.7	34.8	52.7	67.7
70.2	131.7	198.8	101	501.7	72	21.3	34	5.9	38.9	56.2	125.9	54.7	18.2	62.5	54.2	15	14.9
53.6	51.2	56.7	162.9	324.4	73	12.1	18.1	62	62.9	38	45.8	9.4	1.5	3.8	9	38.4	23.4
113.5	16.2	119	187	435.7	74	14.1	17.8	29.3	65.2	92.5	44.4	24.1	50.5	6.3	3.5	6.4	81.6
124.2	69.8	62.3	220.3	476.7	75	42.9	18	47.2	91.3	81.8	47.4	5.7	9.2	15.9	31.9	22	63.4
96.2	90.3	63.9	123.1	373.5	76	49.4	17.1	16.4	50	56.7	36.7	23.4	3.8	6.5	42	41.8	29.7
90.4	83.6	67.5	264.9	506.4	77	17.9	25.3	56.3	86.3	122.3	44.3	22.2	1	36.5	33.6	13.5	47.2
120.8	106.4	22.2	143.8	433.2	78	57.5	51.4	33.9	95.1	14.8	9.5	2.9	9.8	37	66.9	1.5	51.9
151	118.1	165.8	77.6	512.5	79	66	38.1	24.8	30	22.8	48.7	37	80.1	37	35.3	45.8	46.9
156.3	108.7	44.2	202.1	511.3	80	86.4	18.2	44.1	85.1	72.9	32.1	11.9	0.2	22.8	23.1	62.8	51.7
132.4	102.6	99.8	127.3	482.1	81	68.8	36.4	38	22.9	66.4	58.2	21.9	19.7	27.3	26.3	49	47.2
77.6	28.3	60.7	158.1	324.7	82	31.4	15.9	45.2	69.4	32.1	27.4	30.1	3.2	1.1	12.5	14.7	30.3
111.6	157.5	154.4	163.2	606.7	83	53	32.3	23.5	67.3	72.4	63.1	61.7	29.6	15	41.5	101	46.3
82.1	28	49.7	170.8	310.6	84	28.9	18.2	23.5	96	51.3	21.1	8.5	20.1	4	0.4	23.6	15
112.7	146.5	44.8	174.1	478.1	85	38	38.5	17.3	40.1	116.7	9.1	19.3	16.4	5.6	96.1	44.8	36.2

	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
126.7	67.5	4.6	89.3	360.1	41	58	71.4	27.5	20.6	41.2	4.4	4.4	0.2	0	8	38	21.5	69.3
150.2	217.5	6.1	63.7	637.5	42	161.9	129.3	18	44.7	1	0	0	0	6.1	0	36.1	181.4	59
234.4	83.6	4.5	128.5	486	43	144.6	26.9	32.4	38.6	57.5	2.9	2.9	0.3	1.3	1.5	5.1	77	97.9
325.4	257.3	7.4	243	903.1	44	237.5	99.4	144.3	83.5	15.2	5.4	5.4	2	0	15.4	132.3	109.6	58.5
522.6	118.8	3.8	80.8	726	45	268.6	29.1	44.2	36.6	0	0	0	3.8	0	0	40.8	78	224.9
373.9	154.8	0.1	168.7	697.5	46	35.8	75.3	80.7	20	68	0.1	0.1	0	0	0.6	22	132.2	262.8
234.4	342.4	1.5	50.5	871.1	47	145	118.2	48.4	0.4	1.7	0	0	0	1.5	17.3	232.3	92.8	213.5
320	16.9	29.4	84.6	362.3	48	129.5	89.8	24.5	35.1	25	29.4	29.4	0	0	0	0	16.9	12.1
430.7	107.5	53.6	178.9	544.6	49	61.8	31.4	140.5	24.4	14	11.9	11.9	29.1	12.6	0	0	92.1	126.8
196.9	161	17.3	172.2	647.4	50	215.9	16.7	35.9	19.4	53.1	2	2	0	0	5.4	33.4	68.7	198.1
563.9	293.7	3.9	148	293.7	51	162.4	88.6	87.8	16.4	68	17.3	17.3	0	0	0.3	46.1	114.6	45.9
383.2	84.7	9.5	82.6	530.1	52	196.2	211.5	90.1	1.7	56.2	2.4	2.4	1.5	0	3.2	85.8	204.7	53.2
477.8	210.2	0	158.5	796.5	53	203.7	98	27.1	19.4	36.1	9.5	9.5	0	0	12.4	45.5	26.8	51.6
305.1	499.7	8.7	195.9	1012.4	54	150.3	126.4	76.6	55	26.9	0	0	0	0	7.9	22.6	179.7	151.1
503.9	92.7	15.8	122.7	635	55	188	52.2	33.9	137	25	4.6	4.6	2.6	1.5	7.9	106.3	385.5	67.9
137.1	116.5	16.9	148.8	417.5	56	72	187	78.1	18.5	26.1	11.1	11.1	2.3	2.4	7.9	10.5	74.3	144.8
278.9	134.7	6.5	160.3	580.4	57	55.5	23.9	88.4	22	78.4	5.4	5.4	9.1	2.4	18	5	93.5	55.9
521	115	11.8	69.4	717.2	58	170	11.5	44.8	60.4	11.6	1.8	1.8	2.3	2.4	8	77.3	49.4	97.4
459.5	120.4	32.3	146.8	769	59	251.8	14.3	44.8	15.1	9.5	11.6	11.6	0.1	0.1	2.3	52.2	60.5	254.9
340.2	72.5	36	87.4	536.1	60	131	82	44.3	66.9	35.6	27.6	27.6	2.3	2.4	2.3	2.3	115.8	256.5
458	223.9	8.6	161.5	852	61	170.8	75.3	8.6	53.6	25.2	30.2	30.2	2.3	3.5	2.8	17.9	51.8	94.1
372.9	112.4	10.1	102.1	602.5	62	49.1	140.7	119.4	40.3	1.8	3.9	3.9	2.3	2.4	16.4	66	141.5	268.2
331.1	111.7	8	157	607.8	63	130.3	125.7	51.8	22.8	27.5	5.4	5.4	2.3	2.4	0.3	78.8	33.3	121.9
611.9	150.7	7.7	194.7	965	64	45.3	79.6	144.8	3.8	8.4	0	0	2.3	5.7	65.3	0.2	46.2	206.2
320.1	45.3	36	191.6	962.4	65	59.7	253	32.2	81.8	80.7	5.4	5.4	2.3	0	7.9	13.1	129.7	299.2
475.0	90	5	125.6	506	66	266.9	31.1	160.6	14.3	16.7	8.9	8.9	2.3	24.8	26.4	1.4	94.7	314.3
485	11.4	19.1	83.3	667.7	67	179.4	40.4	38.1	76.7	10.8	0.3	0.3	2.3	2.4	1.7	20.4	23.2	110.3
404	109.7	6.9	102.9	623.5	68	324.1	75.6	64.6	10.8	7.9	4.7	4.7	2.3	12.1	14.3	26.3	49.4	75.6
224.9	181.3	8.3	279.8	766.2	69	142.6	96.4	50.3	66.1	16.8	11.5	11.5	0.7	2.4	0.1	0.9	10.4	256
324.3	205.1	10.1	166.1	505.6	70	114.1	201.5	45.3	32.6	25	3.8	3.8	0.7	2.4	7.9	60.2	41.6	88.4
346.2	69.4	8.3	174	640	71	83.9	145	200.6	49.3	29.9	5.5	5.5	2.7	0.1	2.9	30.6	147.8	67.9
340.1	191.8	1.4	174.3	636.7	72	57.5	65.2	43.5	94.6	28	0.3	0.3	0.1	9.7	13.1	145.3	46.7	1.6
277.6	142.2	25.2	123.8	568.8	73	131.2	189	134	39.9	0.1	3.8	3.8	2.1	2.4	4.6	28.1	36.7	68.1
348.3	215.1	43.2	176.7	700.3	74	18.5	79.3	137.1	22.4	14.8	0.4	0.4	0.2	0.8	4.7	35	152.1	171.4
344.1	135.2	11.8	53.8	404.9	75	170.9	30.4	65.6	22.2	36	23.2	23.2	0.3	1.7	5.1	41.3	95.8	76.3
312	138.1	13.3	251.9	715.3	76	50	109.8	78.5	79	19.2	7.3	7.3	23.9	12	4.8	118.5	91.8	105.5
346.7	198.7	14	139.4	698.8	77	71.6	60	23.5	28.5	7.8	9.3	9.3	0.1	2.4	33.2	36.1	65.9	72.5
199.4	202.5	7.1	40.8	389.8	78	137.1	160.2	121.2	107.2	23.5	8.6	8.6	2.3	2.4	61	37.1	40	14.7
344.1	153.3	10.1	92.3	749.8	79	180.3	71.2	36.1	30.8	72.5	9.3	9.3	2.3	2.4	7.9	22.7	168.1	95.2
271.4	90.8	2.9	170.1	537.2	80	81.2	51	22.3	14.4	4.1	5.4	5.4	0.1	1.6	75.4	120.8	6.3	7.2
241.7	157.3	16.4	76.7	532.1	81	202	33.5	57	16.5	18.8	5.4	5.4	2.3	2.4	8.7	17.9	126.7	258.6
395.8	1113.7	1.3	222.3	708	82	54.4	59.6	47.9	61.9	60.3	0.1	0.1	1.7	1.1	7.9	44.8	38.1	159.4
203.1	166.9	10.1	116.2	516.3	83	51.6	104.5	7	32.4	37.3	5.1	5.1	9.7	1.6	2.2	12.7	142.4	125.6
					84	196.3	97	145	76.8	0.5	0.6	0.6	0.5	0.2	0.4	35	113.4	42.3
					85	152.2	48.7	94.5	4.6	17.1	5.4	5.4	2.3	2.4	7.9	32.8	126.2	22.2

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
22.5	53.1	1.3	59.3	206.2	32	67.5	16.4	19.3	29.7	10.3	1.3	0	0	6.8	1.5	44.8	8.6
265.7	34.8	13.7	151.9	466.1	33	90.9	90.9	93.2	35.2	23.5	13.7	0	0	0.5	9.3	25	83.9
194.5	49.5	15.7	238.6	498.3	34	34.1	94.1	22	107.2	109.4	15.7	0	0	2.4	29	18.1	66.3
222.2	182.7	0.6	54.6	531.1	35	83.6	122.7	31.5	21.9	1.2	0.6	0	0	7.3	48.6	126.8	86.9
222.7	100.6	18.1	225.9	587.3	36	21.3	141.8	8	109.9	108	11.9	6.2	0	0	37.5	63.1	59.6
136.4	110.9	9.7	132.9	379.9	37	67.5	13.1	7.4	93.4	32.4	9.5	0	0.2	0	54.3	56.6	45.8
266	115.5	9.1	77.2	487.8	38	132.6	107.2	21.8	26.6	28.8	6.1	6.1	3	12.1	0.5	102.9	46.2
124.9	85.9	6.4	148.3	365.5	39	17.5	21.8	85.5	46.9	15.9	6.4	0	0	6	1	78.9	85.6
126.3	151.6	4.1	139.8	491.8	40	53.3	61.7	27.5	103.7	8.6	4.1	0	0	0	98	53.6	81.3
212.6	28.6	1.6	152	394.8	41	80.8	64.1	103.1	48.9	0	0	1.6	0	2.7	10.9	15	67.7
221.5	237.2	0	120.3	591	42	106.9	70	106.7	13.1	0.5	0	0	0	0	61.9	175.3	54.6
223.3	62.9	1.6	164	511.8	43	166	81.1	90.9	59	14.1	1.6	0	0	0	58.1	4.8	36.2
222	178.1	0.7	259.7	660.5	44	121.8	25	38.2	149.8	71.7	0.7	0	0	7.6	49.9	120.6	75.2
225.7	91.4	1.2	83.8	393.1	45	102.3	47.4	43.3	35.6	4.9	1.2	0	0	0	0.9	90.5	67
227.5	69	14.5	376.7	627.7	46	31.2	85.2	95.9	126.1	154.7	6.4	7.4	0.7	6.8	61.2	1	51.1
210.5	99.3	2.9	89.3	402	47	112.5	48.6	48.8	4.8	35.7	2.2	0.7	0	1	6.9	91.4	49.4
211.1	34.1	10.7	239	594.9	48	123.8	101.3	41.7	144.5	52.8	10.7	0	0	2.8	13.6	17.7	86
223.7	1.4	9.6	196.3	471	49	67.6	65.8	84.5	103.4	8.4	0	0.1	9.5	1.1	0.3	0	130.3
225.7	84.2	0	323.5	583.4	50	52.1	63.4	114.4	74.9	134.2	0	0	0	1.8	25.4	57	60.2
167.3	110.7	28.5	191.8	498.3	51	57.7	42.2	49.6	103.4	38.8	27.6	0.7	0.2	18.1	64.4	28.2	67.4
220.3	37.9	5.9	156.8	460.9	52	63.7	122.5	51.9	55.1	49.8	5.9	0	0	3	5	29.9	74.1
229.6	139.8	9.8	249.6	668.8	53	65.4	127.1	136.5	100.1	13	3.6	6.2	0	0	33.1	106.7	77.1
227.3	74.2	2.4	305.6	659.5	54	90.9	71	113.2	175.9	16.5	1.1	17.3	0	0	11.6	62.6	115.4
224.3	84.3	0.2	134.4	503.2	55	48.5	47.1	43.5	55.4	35.5	0	0	0.2	2.5	4.7	77.1	188.7
226.5	59.5	6.6	133.4	406	56	85.6	55.9	69	34.4	30.4	5.2	0.9	0	1	16.4	42.1	65
190	100	24.4	286.9	601.3	57	81	58.5	81.2	65.6	140.1	22.4	0	2	2.8	13	84.2	50.5
202.3	67.7	28.9	142.9	442.8	58	120	12.7	79.9	51.8	11.2	27.8	0.9	0.2	2.8	0.6	64.3	70.6
173.5	84.6	15.1	151.8	415	59	94.3	38.9	45.2	26.1	80.5	14.2	0.9	0	3.5	52	29.1	30.3
125.6	49.5	0.3	172.8	358.2	60	84.4	26.7	80.4	85.7	6.7	0	0.3	0	2.8	8.6	38.1	24.5
223.2	65.3	14.8	150.1	453.4	61	62.7	23.6	40	18.9	91.2	13.3	0.9	0.6	0	3.8	61.5	136.9
280	33.3	1.5	122.2	437	62	57.9	105.4	28.9	92.4	0.9	0	1.5	0	2.8	2.3	28.2	116.7
207	128.6	12.1	401.3	749	63	93.9	66.4	70.2	148.9	182.2	9.3	2.6	0.2	7.6	78.9	42.1	46.7
155.1	49.4	2.1	124.1	330.7	64	14.9	109.2	99.9	15.4	8.8	1	0.9	0.2	1	0.1	48.3	31
223.2	148.6	2.7	101.2	475.8	65	70	109.3	38	62.1	1.1	2.7	0	0	2.9	83.6	62.1	44
202.2	77.6	0.3	146.2	526.3	66	155.3	48.7	38.5	74.6	33.1	0	0.1	0.2	10.1	14.2	53.3	98.2
222.6	194.8	4.5	278.8	730.7	67	53.4	101.3	74.1	148.6	56.1	2.8	1.5	0.2	14.4	106.8	73.6	97.9
221.8	97.6	6.9	239.6	665.9	68	108.4	53.6	114.3	39.5	85.8	1.1	0.9	4.9	2.8	29.5	65.3	159.8
212.5	94.2	5.4	208.9	621	69	188.9	81.6	110.6	83.6	14.7	4.4	0.8	0.2	2.8	51.2	40.2	42
148.9	1024.6	1.7	43.1	271.3	70	44.1	35.3	22.7	13.3	7.1	0	1.4	0.3	2.8	22.1	54.7	67.5
173.6	56.8	10.1	245.7	476.2	71	8.8	61	75.7	163.5	6.5	9.2	0.9	0	2.8	25.2	28.8	93.8
123.2	42.9	24.8	325.3	506.2	72	57	54.2	36.2	136.5	152.6	23.7	0.9	0.2	2.6	8.9	31.4	2
158.8	45.7	1.4	62.8	274.5	73	90.1	41	22	37.7	3.1	1.2	0	0.2	2.8	6.2	34.7	35.5
190.2	64.1	4.7	222.1	509	74	95.4	22.2	129.5	81.3	11.3	0.7	0.9	3.1	1.9	5.2	84.9	72.6
220.4	83.4	0.4	134.2	419.1	75	22.8	101	24.2	89.4	20.6	0.2	0	0.2	0.6	3.9	59.6	96.6
262.6	83.4	4	387.5	737.5	76	96.5	80.3	140.6	158.7	88.2	2.7	1.1	0.2	2.8	43.2	37.4	85.8
199.9	53.2	6.3	183.5	442.9	77	19.1	56	78.2	59.1	46.2	5.2	0.9	0.2	2.4	19.8	31	124.8
301	8.4	11.2	120.6	441.2	78	96.6	146.1	60.3	46.9	13.4	10.1	0.9	0.2	1.6	4.8	2	58.3
253.5	157.9	7.6	148.8	567.8	79	82.5	48.2	75.6	33.3	39.9	6.6	0.9	0.1	0	76.1	81.8	122.8
295	53.2	10.4	208.7	673.3	80	51.7	112.4	91.2	95.5	22	9.5	0	0	0	3.4	49.9	130.9
208.3	83.8	20.4	224.9	537.4	81	92.4	66.8	133.1	38.7	53.1	19.3	0.9	0.2	0.1	26.2	57.5	49.1
142.5	54.4	11.1	320.5	528.5	82	54.7	26.7	86.9	139.7	93.9	10.4	0.5	0.2	3.7	14.4	36.3	61.1
212.3	113.8	19.9	123.4	469.4	83	94.3	76.6	46.3	29	48.1	16.9	2.8	0.2	1.5	13.6	98.7	41.4
110.5	117.3	0.5	123.7	352	84	44.9	25.8	75.9	33.8	14	0.2	3.8	0.2	2.8	33.9	80.6	39.8
274.5	92.2	1	191.5	559.2	85	66.2	116.6	48.3	121.7	21.5	0.1	0.9	0	2.8	33.6	55.8	91.7



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
138.7	293.9	122.7	130.2	785.5	31	59.8	76.3	38.4	80.7	11.1	86.7	31.2	4.8	95.6	130.2	68.1	102.6
79.8	72	60.9	89.9	301.6	32	20	32.4	33.6	29.1	27.2	40.3	2.5	18.1	0.4	22.4	49.2	26.4
201.3	86.1	208.1	133.9	629.4	33	56.6	75.4	42.1	19.2	72.6	60.3	99.5	48.3	14.7	40.1	31.3	69.3
81.5	206.3	40.8	29.9	358.6	34	44.9	18.7	6.3	9.2	14.4	16	20.8	4	58.5	47.7	100.1	18
269	158.4	121.1	139.5	683	35	74.2	83.2	35.9	78.1	25.5	80.2	15.5	25.4	24.1	49.4	84.9	106.6
137.2	166.6	249.2	180.4	733.4	36	16.1	77.9	77.5	40.4	62.5	97.1	36.2	115.9	16.5	79.3	70.8	43.2
130.9	220.8	96.6	118.1	716.4	37	57	58.5	21.1	79.3	17.7	52	18.7	25.9	47.3	93	80.5	165.4
194.6	109.5	83.7	123.8	511.6	38	19.3	53.1	47.6	32.2	44	8.3	64.3	11.1	46	52.4	11.1	122.2
101.4	83.8	129.3	113.2	507.7	39	33.4	35.1	72.9	15.9	24.4	96.2	15	18.1	35.9	19	28.9	112.9
350.8	349.6	98.7	320.3	1127.4	40	66.3	58.1	103.9	149.2	67.2	25.3	48	25.4	131.3	31.1	187.2	234.4
151.3	131.6	246.7	125.4	685.2	41	60.5	75.6	25	54.6	45.8	154.4	89.4	2.9	58.6	54.2	18.8	45.4
195.1	166.4	87.6	96.6	548.7	42	125.2	67.4	31.1	32.4	33.1	37.9	27.7	22	3.8	14.8	147.8	5.5
206.6	125.9	102.4	189.2	626.1	43	86.4	19.4	4.9	48.5	135.6	66.1	29.9	6.4	18.6	53.8	53.5	102.8
147.8	246.6	141	202.3	737.7	44	31.2	98	62.8	95.8	43.7	12.1	105.7	23.2	32.3	111.8	102.5	18.6
154.2	124.6	79.8	99.2	467.8	45	80	2.4	47.6	42.9	8.7	38.3	32.1	9.4	4.5	88.7	31.4	81.8
141.8	207.8	101.6	154.7	605.9	46	30.8	56.4	79.2	36.4	39.1	33.7	16.8	51.1	1.1	105.7	101	54.6
175.7	185.8	131.2	58.7	550.9	47	57.8	38	32.7	2.1	23.9	31.8	52.1	47.3	12.5	84.2	89.1	79.4
159.1	21.6	73.4	159.2	423.3	48	106.9	35.4	13.7	67.1	78.4	68.4	4.4	0.6	4.6	3.1	13.9	26.8
171	148.2	87.8	88.3	411.5	49	24.3	1.9	57	20.4	10.9	35.8	25.2	26.8	12.6	2.3	133.3	61
159.2	94.9	30.5	105.5	390.1	50	65.4	23.1	57.1	10	38.4	23.6	2.3	4.6	1.5	16.9	76.5	70.7
135.8	141.7	105.1	121	493.6	51	80.7	21.4	38.9	44.4	37.7	8.7	49.4	47	19.1	42.2	80.4	23.7
206.3	306.4	23.5	115.8	752	52	60.4	102.1	56.6	4.6	54.6	22.4	1.1	0	14.5	82.2	209.7	143.8
139.8	199.5	100.7	196.9	636.9	53	76.4	27.9	3.5	81	112.4	88.1	5.2	7.3	3.9	185	10.6	35.5
178.6	213.3	175.6	152.9	720.4	54	71.1	55.1	37	27.9	72.3	67.4	3.5	14.2	18	96.5	101.5	82.9
158	142.3	29.6	158.8	488.7	55	94.8	33.3	70.2	48	34.7	46.9	91.1	37.6	11.1	93.2	109	50.5
131.1	107.2	89.9	198.5	490.7	56	91.6	113	35.3	29.6	65.3	69.8	10.7	7.1	13.9	42.5	112.6	43.3
166.4	182.5	228.7	114.6	692.2	57	43.3	44.2	21.4	86.3	51.1	11.7	15.8	2.1	66.9	50.3	25.1	70.5
176.2	192.4	207.3	147.2	763.1	58	73.8	9.9	93.4	64.9	40.2	53.6	11	25.3	22.9	60.4	23.9	11.4
227.9	50.2	111.1	148.1	537.3	59	99.6	4.5	26.5	36.3	51.8	107.6	70.1	51	22.8	23.7	136	62.3
145.0	162.1	85.8	180.1	573.9	60	135.5	34.4	20.6	77.5	49.1	160.4	44	2.9	50.4	8.9	73.1	106.3
297	117.2	79	191.7	684.9	61	111.6	26.4	26.4	18.9	102.8	71.1	23	17	9.1	7.6	33.5	89.9
153.1	197.8	80.8	132.4	564.1	62	115.5	115.9	84.1	63.9	43.7	65	58.4	0.1	32.6	55.5	74	75.4
287.2	91.1	44.1	177.9	600.3	63	32.8	113.3	65.1	40.8	51	23.4	42.4	15	135.3	62.3	23.1	65.6
263.7	338.5	90.8	170.6	863.6	64	112.8	20.7	66.6	51.9	72	7	6.4	30.7	0.1	2.1	88.9	141.1
176.5	109.7	121.8	128.7	536.7	65	103.9	18.9	35.8	43.3	52.1	33.9	28.6	28.3	31.9	88.3	218.3	130.2
379.5	110.9	108.8	25.1	524.3	66	133.6	50.3	18.3	3.6	3.2	35.9	5.8	10.3	40.7	36.5	32.5	53.7
157.6	115.8	87	127.6	596.4	67	81.8	109.7	50.2	66.5	10.9	22.9	17	47.1	19.8	0.9	16	153.6
174	180.5	178.4	230.5	763.4	68	47.7	80	81.1	92.7	52.3	25.9	38.7	2.9	12.7	45.5	58.6	30.2
63.6	263.5	110.7	115.4	550.2	69	16.8	40	10.2	50.2	55	107.8	68	2.6	101.5	30.7	48.3	46.6
163.4	76.2	68.5	160.7	548.3	70	86.5	96.1	84.4	59.1	17.2	43.6	18.9	6	9.5	50.6	16.1	60.3
103.4	157.8	72.3	172.8	508.3	71	16.8	50.8	60.2	29	83.6	47.9	14.4	10	21.3	49.2	87.3	37.8
101.9	197.3	218.7	246.5	769.3	72	54.6	12	44.4	95.7	106.4	94.8	8.1	115.8	6.5	120.6	70	40.2
111.1	132.2	90.5	96.7	430.5	73	22.4	15.5	20.3	31.9	44.5	28.3	21.3	40.9	14.4	68.2	49.6	73.2
155.8	160.1	106.3	146.2	568.4	74	49.5	74.2	42.4	62	41.8	55.9	47.9	2.5	95.4	19.2	45.5	32.1
130.3	177	42.3	200.2	539.8	75	36.2	58.3	68.1	65.5	66.6	29.8	5.8	6.7	121.9	34.5	20.6	25.8
154.4	210.7	105.4	84.2	654.7	76	109.5	72.3	4.4	30.5	49.3	4.1	85.2	16.1	6.3	91.5	112.9	72.6
150.4	82.2	92.9	210.8	636.3	77	80.1	33	29.1	88.5	93.2	38	15.3	39.6	13.3	9.6	59.3	137.3
235	143.2	53.2	130.7	622.1	78	163	48.7	65.2	15.6	49.9	7.2	25.3	20.7	7.8	44.6	90.8	83.3
155.8	85.5	58.7	194.3	524.3	79	34.6	56.6	64	95.2	35.1	22.9	15.1	20.7	1.8	37.1	46.6	94.6
87.1	149.8	181.8	64.8	483.5	80	16.8	29.8	11.8	25.9	27.1	134.2	26	21.6	106.7	17.3	25.8	40.5
137	128.7	102.7	269.6	658	81	89.9	52.6	144.4	62.1	63.1	10.2	53.7	38.8	1.3	0.1	127.3	14.5
132.6	109.9	96.1	84.3	452.9	82	62.7	92	16.3	54.6	13.4	48.2	15.5	32.4	6.6	16	87.3	7.9

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
130.6	118.8	4.5	113.9	367.8	38	52.5	32.9	12.6	53.5	47.8	0.3	2.7	1.5	2.0	3.9	94.9	45.2
114.2	123.5	14.3	145.7	397.7	39	9.2	50.7	56.2	69	20.5	6.1	3.9	4.3	21.1	2.7	99.7	54.3
177.7	143.1	1.8	128.1	450.7	40	77.3	50.7	19.5	85.9	22.7	1.8	0	0	2.7	64.6	75.8	49.7
190	80.5	9.8	158.8	439.1	41	82.4	56.3	108.9	49.9	0	0.8	9	0	5.7	50.6	24.2	51.3
119.4	196	7.4	128.6	451.4	42	54.5	35	94.1	26.9	7.6	0	0	7.4	0.3	77.2	118.5	29.9
136	96.3	1.7	111.7	345.7	43	49.8	43.6	34.1	47	30.6	1.4	0.3	0	0	80.8	15.5	42.6
149.3	141.7	5.9	257.9	554.8	44	65.4	47.3	73.9	87.9	96.1	4.7	1.2	0	7.5	31.5	102.7	36.6
118.9	106.2	13.7	77.7	316.5	45	49.1	25.5	34.1	29.4	14.2	12.3	1.4	0	1.7	2.2	102.3	44.3
117.4	86.2	12.4	229.8	445.8	46	5	76.1	56.3	106	67.5	0.4	9.3	2.7	0	81.6	4.6	36.3
156.2	160.1	26.1	89.7	412.1	47	75.1	32.9	70.6	11.9	7.2	4.4	21.7	0	1.7	28.8	129.6	28.2
141.6	64.6	15.5	200.4	422.1	48	57.5	48.7	56.6	71.3	72.5	15.1	0	0.4	4.8	10.5	49.3	35.4
145.1	19.6	3.7	156.8	326.2	49	25.3	33.9	61.5	69.9	25.4	2.3	1	0.4	3.4	15.4	0.8	86.9
77.7	101.5	8.4	321.6	509.2	50	24.2	21.6	83.4	110.3	127.9	3.2	5.2	0	0.3	35.2	66	31.9
126.8	126.8	26.1	222.2	472.9	51	26.6	27.8	58.7	117.7	45.8	25.7	0.3	0.1	12.5	61.3	53	43.4
139	36.2	18.9	158	352.1	52	33.8	51.7	53.7	52.2	45.8	18.8	0	0.1	7.8	5.1	23.3	53.5
203.3	133.6	29.9	185.3	552.1	53	42	102	58.5	68.6	58.2	12.8	5.5	11.6	21.7	56.1	55.8	59.3
154.8	78.3	22.6	210.7	466.4	54	40.3	60.7	57.6	106.3	46.8	17.3	0.7	4.6	0.3	11.8	66.2	53.8
111	57.4	2.4	177.3	348.1	55	16.2	17.6	65.4	60.8	51.1	1.6	0.4	0.4	12.2	0.7	44.5	77.2
140.6	35.7	4.8	93	274.1	56	35	46.1	35.4	40.6	17	1.6	3.2	0	5.2	12.6	17.9	59.5
155.1	46.1	24.2	295.1	520.5	57	29.5	86	48.9	27.3	218.9	20	1.9	2.3	1.7	2.3	42.1	39.6
149.6	34.2	41	111.4	306.2	58	55.6	10.9	55.9	36.8	18.7	38.6	0.1	2.3	0.2	7.3	26.7	53.1
126.2	56.5	22	179.2	383.9	59	58	47.3	40.5	77.4	61.3	16.4	4.8	0.8	9.7	20.4	26.4	20.9
137.3	73	3.2	202.9	416.4	60	95.2	24.3	72.5	106.7	23.7	1.9	0.6	0.7	1.4	6.6	65	17.8
161.4	96	39.4	119.7	416.5	61	55.1	48.5	45.7	18.3	55.7	35.9	3.2	0.3	0.1	19.4	76.5	57.8
155.7	41.5	1.2	88.8	297.2	62	36.8	58.1	18	42.6	28.2	1.2	0	0	4.9	12.8	23.8	70.8
155.4	108.5	19.8	248.9	572.6	63	82.1	64.2	46.9	103.8	98.2	17	1.2	1.6	25.5	61.7	21.3	49.1
99.4	73.2	19	213.9	405.5	64	9.4	66.8	140.5	18.8	54.6	13.5	3.2	2.3	4.9	2.1	66.2	23.2
113.9	93.9	23.7	150.2	381.7	65	29.6	36.2	68.5	72.2	9.5	21.4	0	2.3	1.8	71.3	20.8	48.1
173.6	74.5	5.5	177.2	430.8	66	90.5	23	46.1	94	37.1	0.6	0.6	0.6	0.6	12.2	44.5	60.1
106	232.6	14.3	268.1	621	67	39.2	39.2	104.3	79	84.8	6.2	5.8	2.3	32.4	129.5	70.7	27.6
155.5	145.3	25.1	180.2	516.1	68	55.7	35.1	52.5	46.1	81.6	20	3.2	1.9	14.1	41.6	89.6	74.7
170.2	77.4	14.6	232.7	494.9	69	73	58.8	85.5	65.8	81.4	12.3	0	2.3	0.2	57.8	19.4	38.4
114.4	89.9	11.2	98.7	314.2	70	23.4	46.9	73.5	10.7	14.5	7	1.9	2.3	0.6	27.5	61.8	44.1
75.4	94.9	14.3	216.1	402.7	71	5.7	29.4	76.9	100.6	38.6	8	3.2	3.1	16.2	37.6	41.1	42.3
55.4	52.5	56.9	223.7	389.5	72	33.9	13.8	17.6	101.1	105	51.8	3.2	1.9	2.7	20.1	29.7	8.7
21.9	76.2	16.8	122.4	314.3	73	44.6	23.1	25.5	90.3	6.6	11.3	3.2	2.3	1.6	21	53.6	31.2
135.5	63.8	8.4	169.8	377.5	74	62.4	22.9	89.6	65.3	14.9	2	3.2	3.2	10.9	20.9	32	50.2
109.6	57.6	7.8	143.8	348.8	75	23.8	70.8	17.5	70.6	55.7	2.3	3.2	2.3	6.3	12.6	38.7	45
135.1	186	31.4	342.8	735.3	76	64.7	42.1	60.8	115.2	166.8	24.6	4.5	2.3	44.5	123	18.5	68.3
138.5	31.3	11.5	191.9	374.2	77	17	24.6	80.9	56.4	54.6	6	3.2	2.3	4.8	13.8	12.7	97.9
135.2	36.8	19.5	175.6	432.1	78	79.8	77.4	75	72.2	28.4	17.2	0	2.3	5	31.7	0.1	43
135.7	198.7	21.8	203.1	599.3	79	64	53.7	51.9	81.8	69.4	11	9.8	1	4.9	82.1	111.7	58
143.2	65.1	3.5	201.2	434	80	35.3	31.2	101	66.3	33.9	0.3	0.9	2.3	4.9	6.3	53.9	97.7
156.6	56.3	21.3	247.8	480	81	49.5	65.3	96.6	54.7	96.5	15.6	5.7	0	2.1	32	22.2	39.8
55.9	38.4	28.4	197.2	319.9	82	35.2	11.9	54.5	91.8	50.9	22.4	3.7	2.3	0	6.9	31.5	8.8
109.8	100.7	8.4	188.6	406.5	83	26.6	41.9	20.3	48.9	119.4	2.9	3.2	2.3	4.4	45.5	50.8	40.3
134.4	67.7	15.8	176.1	364	84	49.9	14	73.1	72.3	30.7	13.5	0	2.3	4.9	6.5	56.3	40.5
136.8	86.9	4.1	141.4	359.2	85	24.7	68.1	31	85.7	24.7	0.6	3.2	0.3	0.1	40.8	46	34



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
95.7	45.7	60.1	141.4	342.9	38	41.7	27.5	27	73	41.4	10.8	38.9	10.4	12.5	6.8	26.4	26.5
92.5	83.3	73.6	180.6	402	39	7.2	30.5	81.8	72.4	26.4	25.9	30.8	16.9	23.4	27.9	34	24.8
90.8	83.6	79.3	176.6	430.3	40	26.7	27.5	55.6	73.7	47.3	69.4	9.9	0	14.7	52.4	16.5	36.6
152	146.7	26	186.2	510.9	41	41.6	61.8	79.3	93.3	13.6	5.3	19.8	0.9	28.2	61.9	56.6	48.6
81.4	149.5	28.9	91.2	351	42	38	26.4	35	22.2	34	13.4	0	15.5	5.3	42.4	101.8	17
112.4	71.1	31.9	77.2	292.6	43	31.8	18	17.6	36.6	23	29.5	2.3	0.1	4	54.5	12.6	62.6
98.4	96	62.9	211.9	469.2	44	28.9	58.6	75.8	41	95.1	42.4	20.2	0.3	14.2	38.8	43	10.9
73.9	72.9	47.3	90.8	284.9	45	27.1	27.5	28.7	31.8	30.3	37.4	1.5	8.4	2.9	41.2	28.8	19.3
72.3	104.5	95.6	163.4	435.8	46	17.1	42.8	22.1	45.3	96	62.8	20.7	12.1	0	101.2	3.3	12.4
78.6	111.1	62.5	110.2	362.4	47	51.9	13.1	73.6	11.9	24.7	43	14.9	4.6	20.8	51	39.3	13.6
61.9	72.2	51.5	133.9	319.5	48	21.2	38.7	30.3	56.6	47	33.9	0	17.6	12.8	8.9	50.5	2
70.7	30.1	25.1	88.6	214.5	49	13.2	23.5	9.4	59.3	19.9	18.2	5.4	1.5	3.8	18.2	8.1	34
119.6	158.2	33.6	163.5	474.9	50	65.1	32.4	33.9	79.6	50	14.4	19.2	0	0.8	116.7	40.7	22.1
155.6	201.3	77.3	188.9	633.1	51	25.1	10.1	31.6	74.4	82.9	48.3	7.5	21.5	54.4	106.6	40.3	130.4
84.3	42.6	37	81.4	245.3	52	39.2	22.2	41.2	4.3	35.9	37	0	0	5.5	6	31.1	22.9
135	134.1	30.9	148.5	438.5	53	35.3	65.1	48.6	38.2	61.7	21	3.6	6.3	29.1	18.3	86.7	24.6
95.7	25.5	42	135.4	298.6	54	45.2	28	35.6	66.2	33.6	39	1.3	1.7	11.2	4.2	10.1	22.5
63.4	38.7	7.5	90.5	205.1	55	5	22.1	26.8	38.4	25.3	1.1	4.5	1.9	8.9	2.7	27.1	41.3
130.6	52.4	28.5	81	292.5	56	23.3	63.8	14.9	36.2	29.9	16.8	9	2.7	19.5	20	12.9	43.5
100.4	37.4	48.6	168.5	354.9	57	9.9	61.8	13.8	46.6	108.1	39.5	5.6	3.5	10.4	5.1	21.9	28.7
42.1	60.2	41.2	141.5	285	58	8.9	10.9	83.2	42	16.3	33	8	0.2	33.6	13.5	13.1	22.3
50.5	88.1	56.8	160.3	355.7	59	20.5	22.2	20.4	55.8	84.1	32.8	23.5	0.5	18	40.7	29.4	7.8
115.3	43.2	49.1	145.6	353.2	60	64.9	44.1	24.6	75.9	45.1	37.6	5.5	6	4.3	18.4	20.5	6.3
77.7	68.6	40.1	117.9	306.3	61	39.2	18.2	39.2	31.8	46.9	28.3	0	11.8	11.4	19	38.2	22.3
133.8	79.7	15	137.7	366.2	62	31.1	52.2	37.1	24.7	75.9	1.7	2.9	10.4	12.4	31.9	35.4	50.5
77.9	190.3	86.2	208.6	567	63	84	61.9	40.8	71.9	95.9	70.1	16.1	0	17.6	63.2	19.5	26
75.2	75.9	35.4	224.4	410.9	64	7.6	29.2	72.6	40	111.8	31.5	3.9	0	1.5	5	69.4	38.4
73.8	143.9	39.7	142.7	406.1	65	11.1	33.1	39.2	77.2	26.3	36.4	1.1	2.2	18.7	65.9	59.3	35.6
101.3	53.6	47.2	143	345.1	66	66.1	7.1	55.3	65.7	22	13.4	29.6	4.2	20.3	3.6	29.7	28.1
122.1	112.5	134.3	155.4	525.3	67	39.4	21.9	39.5	41.5	74.4	56.3	61	17	12.3	50.2	50	61.8
124.9	114.2	43.1	156.5	438.7	68	48.1	50	36.2	60.3	60	22.3	0.9	19.9	18	52.6	43.6	26.8
103.9	62.5	35.4	156.1	362.9	69	16.2	47.7	29	49.3	77.8	34.9	0.5	0	13.9	41.6	7	45
82.1	134.8	72.5	112.8	402.2	70	7.1	43.1	66.9	8.7	37.2	33.6	24.8	14.1	22.5	85.5	26.8	31.9
75.7	64.4	108.7	128	376.8	71	4.7	24.4	52.3	24.7	51	61.3	23.8	23.6	8.6	18.4	37.4	46.6
82.4	85.9	62.6	99	279.9	72	8.6	15.8	13.7	40.8	44.5	51.3	7.7	3.6	4.9	37.8	43.2	8
62.8	67.1	31.8	110.6	272.3	73	18.2	26	30.2	54	26.4	24.4	3	4.4	1.3	37.7	28.1	18.6
67.2	67.1	22	191.3	347.6	74	30.6	4.3	47.3	93.4	50.6	7.2	6.5	8.3	19	22.3	25.8	32.3
71.1	81.7	41.2	180.7	375.2	75	10.2	43.3	32	75.5	73.2	32.9	4.4	4.4	38.1	9.4	34.2	17.6
103.9	100.6	52.5	133.2	395.2	76	74.9	14.5	27.1	57.4	48.7	36.5	16	12	10.8	54.1	35.7	19.5
77.4	48.6	44.1	193.6	363.7	77	11.9	8.1	95.7	22.1	75.8	28.5	12	3.6	1.5	37.2	9.9	57.4
118.2	54.3	44.5	130.8	347.8	78	51.1	48.3	53.8	57.7	19.3	40.8	2.9	0.8	17.2	33	4.1	18.8
132.9	164	61.5	107.8	487.2	79	51	62.7	22.8	54.9	30.1	34.7	26.4	0.4	6.9	75.9	81.2	40.2
60.8	56.6	30.1	151	298.5	80	18.7	4.7	44.3	69.1	37.6	12.5	0.6	17	3.6	26.1	26.9	37.4
45.6	78.5	45.2	164.5	333.8	81	18.9	9.8	50.3	30.3	83.9	30.2	8	7	14.7	29	34.8	16.9
48.1	26.2	46.5	203	323.8	82	26.3	15.6	34.4	90.7	77.9	32.7	5.8	8	11.6	4.7	9.9	6.2
42	167.7	56.2	146.5	412.4	83	17.4	19.2	14.5	24.4	107.6	49.9	1.1	5.2	29.3	54.3	84.1	5.4
21.5	14.1	29.5	182.9	248	84	4.6	7.2	39.5	79.5	63.9	12.2	4.9	12.4	0	0.2	13.9	9.7
130	120.1	75.1	109.4	434.6	85	34.7	61.4	18.1	51.5	39.8	64.1	7.9	3.1	10.2	70.7	39.2	33.9

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
55.9	65.9	209.9	261.4	624	31	24.8	8.6	56.7	91.1	113.6	99.1	59.1	51.7	10.7	4.6	50.6	53.4
120.9	120.9	80	174.1	442.8	32	22.1	43.6	53.9	48.1	72.1	42.8	23.5	13.7	60	6	54.9	2.1
153.3	141.7	141.7	227.7	692.6	33	24.7	51.8	55.4	63.1	109.2	99.4	34.2	8.1	31.1	82.7	39.5	93.4
122.8	101.6	101.6	184.9	461.1	34	5.3	25	13.5	64.6	106.8	42.2	30.9	28.5	55.3	52.6	14.9	21.5
123.4	46.7	168.3	433.6	35	22.5	22.5	57.2	59.8	82.1	21.6	21.6	10	17.1	8.6	51.4	63.4	13.5
177.9	225.2	333.7	829.6	36	11.1	11.1	63.3	37	109.8	186.9	87.9	78.8	58.5	38.1	116.6	23.2	18.4
83.2	114.5	209.1	486.9	37	35.5	35.5	18.3	35.6	106.7	66.8	67.6	6.4	40.5	11.9	49.9	21.4	26.3
77.6	131.7	143.2	483.4	38	41.2	41.2	65.4	30.4	61.2	51.6	57.9	32.1	41.7	42.2	13	22.4	24.3
174.6	194	152	609.6	39	10.4	10.4	22.9	64.8	51.4	35.8	44.7	91.9	57.4	25.9	42	106.7	55.7
123.2	81.8	180.3	574.8	40	85.6	85.6	54.4	40.7	69.1	70.5	58.2	19.4	4.2	21.1	78.9	23.2	49.5
149.5	60.5	135.3	511.5	41	79.5	79.5	54.6	50.3	72.9	12.1	21	28.5	11	20.2	87.1	42.2	32.1
176.6	69	159.7	521.4	42	56.4	56.4	36	63.6	30.9	65.2	37.5	19.9	11.6	11.7	79.6	85.3	23.7
87.3	83	180	476.2	43	47	47	52.7	44.8	47.5	87.7	59.6	8	15.4	1.2	50.6	35.5	26.2
101.5	89.3	295.5	613.6	44	57.2	57.2	45.2	91.2	93.1	111.2	46.9	17.5	24.9	36.6	34.4	30.5	24.9
194.2	109	183	559.9	45	27	27	28.7	60.5	65.2	57.3	79.8	25.8	3.4	14.4	76.2	103.6	18
131.6	125.5	176.6	496.3	46	35	35	14.6	40	16.9	119.7	51.8	43.4	30.3	16.4	102.5	12.7	13
133.4	110.6	107.3	403.8	47	21.9	21.9	18.7	14.3	42.9	50.1	51.8	57.7	1.3	37.6	24.9	70.9	11.7
104.1	60.6	168.5	366.2	48	13	13	7.8	39.8	50.3	78.4	59.3	0	1.3	29.6	46.5	28	12.2
32.2	38.4	115	253.7	49	12.6	12.6	32	37.2	49.3	28.5	7.8	17.3	13.3	12.9	10.9	8.4	23.5
150.1	59.5	161.6	427.6	50	20.8	20.8	21.9	44	25.5	92.1	31.5	24	4	9.6	109.6	30.9	13.7
246.9	143.5	165.4	639.6	51	35.1	35.1	20.2	24.7	47.6	93.1	67.9	52.7	22.9	103.1	122.6	28.2	28.5
47.3	62.9	113.1	298.2	52	13.4	13.4	33.4	32.2	19.9	61	56.7	2.3	3.9	14.1	4.5	28.7	28.1
79.6	98.5	163.7	391.6	53	14.8	14.8	26.5	42.5	11.1	110.1	35.8	53.6	9.1	8.9	16.9	53.8	8.5
62.2	183.1	122.4	422.1	54	25	25	11.4	18.2	38.3	65.9	111.3	41.4	30.4	39.7	10.4	12.1	18
84.4	68	140.9	327.1	55	5.8	5.8	7	30.1	25.6	85.2	50.4	16.8	0.8	42.3	16	26.1	21
104.2	45.2	130	384.6	56	12.7	12.7	66.8	39.8	38.1	52.1	25.7	3	16.5	18.7	58.7	26.8	25.7
43.5	92.7	153.8	348.8	57	21.9	21.9	27	27.3	35.1	91.4	66.9	19.2	6.6	6	9.3	28.2	9.9
77.6	104.8	123.1	366.3	58	24.2	24.2	13.1	29.4	46.7	47	70.8	33.7	0.3	55	11.8	10.8	23.5
155.7	76.6	209.5	482.5	59	21.3	21.3	12.3	23.8	26.8	158.9	33.8	14	28.8	29.4	84.6	41.7	7.1
26.4	138.5	119.1	363.7	60	49.7	49.7	21.9	20.2	61.9	37	61.7	55.9	20.9	2.2	10	14.2	8.1
86.4	62.5	88.6	295.9	61	24.9	24.9	3.8	30.4	33.3	24.9	41.5	1.2	19.8	16.1	22.7	47.6	29.7
64.8	58.8	118.9	312.7	62	9	9	35.6	39.6	48.1	31.2	30.3	24	4.5	0.9	17.8	46.1	25.6
99.1	99.5	148.4	638.5	63	18.1	18.1	51.7	37.7	140.3	103.5	56	46.5	45.9	28.8	61	9.7	39.3
43.7	104	123.6	407.2	64	6.2	6.2	28.1	74.3	53.8	85.5	70.8	32.5	0.7	7.1	3.2	33.4	11.6
140.4	97.2	174.7	462.4	65	16.3	16.3	20.3	42	85.2	47.5	66	18.9	12.3	14.2	76.1	50.1	13.5
66.7	42.7	134.2	294.6	66	25.1	25.1	15.5	27.5	34.8	71.9	10.5	20	12.2	35	7.8	23.9	10.4
153.3	149.7	163.2	550.9	67	34.5	34.5	23.2	44.9	47.4	70.9	78.4	51	20.3	56.1	54.1	43.1	27
140.3	95.2	187.2	476.9	68	25.6	25.6	14.3	30.8	27.4	129	52.9	13.7	28.6	29	60.5	50.8	14.3
86	40.1	117.3	308.3	69	13.5	13.5	21.2	29.4	28.7	59.2	36.4	3.4	0.3	12	62.4	11.6	30.2
55.3	94	82.8	291.1	70	13.4	13.4	20.1	19.1	8.8	54.9	39.6	33.2	21.2	15.5	23.9	15.9	25.5
94.8	109.7	116.4	364.4	71	8.6	8.6	10.8	34	28.5	53.9	51.8	0.8	57.1	0	65.5	29.3	24.1
130.3	144.4	135.9	445.2	72	17.5	17.5	9.3	7.5	35.5	92.9	112.6	29.7	2.1	61.7	32.6	36	7.8
103.8	126.5	87.9	375.7	73	22.2	22.2	18	33.1	34.9	19.9	85.1	41.4	0	0.2	48.9	54.7	17.3
127.1	92.5	125.5	392.6	74	9.6	9.6	19.7	38	33.4	19.9	17.4	12.3	62.8	62.8	15.9	48.4	18.2
87.2	64.3	160.7	377.2	75	11.9	11.9	41.2	17.3	68.3	54.1	43.8	18.7	1.8	38	31.5	17.7	11.9
76.6	169.8	142.4	509.7	76	55.7	55.7	33.1	13.1	82	47.3	77	92.6	0.2	14.7	37.4	24.5	32.1
55	112.4	155.7	373.7	77	12	12	18.1	29.5	51.4	74.8	68.5	12.2	31.7	8.8	32.8	13.4	20.5
94.8	109.7	116.4	364.4	78	40.7	40.7	23.7	34.8	76.7	69.5	39.3	10.8	3	25.3	41.1	8.9	24.8
184.4	118.2	204.8	592.9	79	14.3	14.3	50.2	18.5	92.6	93.7	71.8	39.3	7.1	1.1	102.3	36.6	29.8
106.4	31.3	121.9	372.4	80	52.2	52.2	29.8	35.5	31.6	54.8	2.9	7.1	21.3	23.5	46.3	48	15.6
93.8	133.3	158.4	439.3	81	20.7	20.7	17.5	30.2	42.4	85.8	74.8	46.7	11.8	22.4	23.4	39.5	5
67.7	74	203.9	388.3	82	17.7	17.7	20	41.3	69.9	92.7	23.6	31.3	19.1	16	12.2	40.2	5.2
122.7	89.2	168.2	416.2	83	12.5	12.5	18.4	25.6	34.4	108.2	35.7	10.9	42.6	28.6	53.9	18.7	11.5
67.5	130.4	220.9	475.2	84	17.4	17.4	27.5	32.1	78.8	110	19.7	47.7	63	0	48.8	18.7	11.5
106.2	117.6	31.1	396.1	85	19.9	19.9	48.7	21.6	59.1	60.5	14.7	10.1	6.3	13.2	89	15.4	37.6

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
155.8	31.2	68.7	125.7	381.4	31	41	48.4	33.6	48.4	43.7	55.3	12.3	1.1	10.2	3.8	17.2	66.4
35.6	51.1	17.3	87.6	194.6	32	13.5	20.8	42.5	29.4	15.7	14.2	2.5	0.6	0.7	10	40.9	4.3
134.9	58.8	100.1	146.2	440	33	41.5	24.8	27.2	18.6	100.4	62.2	19.6	18.3	17.5	1.4	39.9	68.6
99.9	80.5	47.2	117.8	334.4	34	35.9	18.6	23.4	22.2	72.2	40.6	3.4	3.2	26.6	29.7	24.2	34.4
125.8	94.6	13.4	103.5	332.4	35	42.1	33	44.5	38.6	20.4	10.7	0.3	2.4	20.3	18.4	55.9	45.8
31.9	67.6	103.8	159.6	409.9	36	14.6	49.7	26.5	28.5	103.2	58.3	44.9	0.6	9.6	24	31	17.6
45.1	81.9	15.2	78.5	263.9	37	31.9	27.1	11.8	30.4	36.3	0.3	13.2	1.7	0.2	21.6	66.1	23.3
128.1	119	45.9	118	409	38	67	12.8	10.5	79.2	28.3	0.5	34.6	10.8	53.4	30.9	34.7	46.3
34.5	102.1	116	74.1	422.7	39	34.2	18.7	37.9	6.9	29.3	96.6	11.3	8.1	65.9	3.9	32.3	77.6
34.5	55.4	28.7	148	435.6	40	33	53.8	17.5	38.1	92.4	19.1	2.9	6.7	9.8	14.5	31.1	116.7
153.5	76.8	40.6	65.8	337	41	66.8	47.3	20.4	32.3	13.1	10.7	29.8	0.1	2.9	36.4	37.5	39.7
84.6	116.5	26.1	140.1	379.3	42	51.6	28.6	22	78.4	39.7	2.5	2.1	21.5	16.4	52.9	49.2	14.4
127.1	158.4	15.6	144.3	445.5	43	51.1	19.4	17.4	44.6	82.3	7.3	0.2	8.1	33	85.6	39.8	56.7
172.1	33.2	53.1	119.7	378.1	44	50.5	66	53.1	40.6	26	35.1	1	17	3.1	19.1	11	55.6
133.4	84.6	92.4	156.8	497.2	46	5.6	95.8	42.5	44.8	69.5	80.6	11.4	0.4	0	48.8	35.8	62
159.8	68.1	83.6	56.6	368.1	47	55.3	33.1	20.4	5.2	31	53.6	20.5	9.5	3.5	13.9	50.7	71.4
138.4	48.3	87.7	132.7	408.1	48	35.3	55.7	38.7	41.1	52.9	76.3	11.4	0	9	27.7	11.6	48.4
167.1	45.9	69	87	364.1	49	38.8	34.8	57.6	18.1	11.3	41.7	19.2	8.1	22.7	7.1	16.1	88.6
143.3	41.5	50.3	167.9	403	50	56.5	52.8	48.1	43.2	76.6	40.9	0	9.4	3.9	17.6	20	34
68.9	109.9	65.8	115.1	357.7	51	15.8	24.3	72.4	33.3	9.4	47	17.1	1.7	52.9	36.9	20.1	26.8
98.2	40.6	33.5	60.9	233.2	52	23.1	43.3	11.4	2.5	47	16.4	1.8	8.1	2.9	21.5	16.2	31.8
158.6	38.2	39.5	149.3	385.6	53	74.1	53.7	41.8	8.8	98.7	37.5	1.8	0.2	14.4	13.5	10.3	30.8
175.7	56.3	16.8	140.2	392	54	79.9	49.4	71.7	26.3	42.2	12.8	0.1	3.9	2.2	4.9	49.2	49.4
117.4	131.6	49.4	99.6	398	55	34.9	51.8	25.4	60.2	14	2.2	34.3	12.9	21.7	57.5	52.4	30.7
119.2	19.3	23	54.3	215.8	56	27.9	66.3	18.3	7.4	28.6	23	0	0	0.5	3.8	15	25
94.4	95.2	79.6	109.5	378.7	57	31.1	18.9	33.4	23.3	52.8	46.5	32.6	0.5	63.2	6.3	25.7	44.4
126.6	72.8	66	137.7	403.1	58	76.1	10.8	83.8	41.5	13.4	47.8	18.1	0.1	41.1	22.4	9.3	39.7
114.3	62.6	105.4	98.2	380.5	59	48.9	20.9	20.5	23.7	54	72.3	16.8	16.3	1.9	25.3	35.4	44.5
75.2	59.4	146.5	45.1	326.2	61	27.8	15.6	14.8	14.2	16.1	76.2	9.8	11.3	14.1	18.4	11.3	83
123.5	43.8	97.3	193.5	507.1	60	51.5	38	78.8	66.8	47.9	127.7	10.7	8.1	13.1	35.9	10.4	31.8
193.7	102.6	7.7	87.1	393.1	62	23.5	44	46	25.7	15.4	7.2	0.3	0.2	32.1	43.8	26.7	128.2
182.3	92.2	81.7	160	526.2	63	92.2	60.1	25.9	62.8	71.3	59.1	14.5	8.1	11.7	39.5	41	40
47.3	93.3	72.1	107.7	370.6	64	7.4	55.8	69.1	31	7.6	62.2	9	0.9	42.9	24	26.4	34.3
136.6	42.1	35	235.8	449.5	65	25.3	47.5	59.4	67.7	108.7	10.7	16.1	8.2	0	5.8	36.3	63.8
116.2	26.9	66	207.1	416.2	66	61.3	8.7	62.4	66.6	78.1	51.6	10.1	4.3	9.5	3.4	14	46.2
132.2	48.8	31	107.4	306.4	67	52.7	25.6	41.3	40.2	25.9	11	11.9	8.1	23.2	4.1	21.5	40.9
201	103.9	35	144.4	484.3	68	78.8	27	69.8	46.1	28.5	26.3	0.6	8.1	11.6	37.2	55.1	95.2
239.4	36.5	29.4	108.4	403.5	69	57.5	74.6	55.7	27.3	25.4	22.5	6.3	0.6	12.6	9.2	14.7	97.1
211.9	65.4	48.8	138.8	466.9	70	79.8	78.2	71.4	39.4	28	43.2	4.5	1.1	20.2	25.9	19.3	55.9
142.7	96.5	59.2	142.2	377.6	71	26.9	8.5	57.1	28.9	56.2	17.7	28.3	13.2	8.7	39.3	48.5	44.3
111.3	110.6	140	78.3	362.2	72	20	12.4	32.5	35.4	10.4	71.7	47.4	20.9	34.7	60.2	15.7	0.9
123.4	89.9	160.3	109.6	473.2	73	11.8	39.4	20.6	59.6	29.4	78.3	64.2	17.8	1.6	42.8	45.5	62.2
28.9	67.9	49.2	166.6	383.6	74	13.5	49.3	45.3	50.5	70.8	29.1	0.6	19.5	10.6	27.2	30.1	37.2
130.3	58.6	80.4	147.8	417.1	76	43.3	24.6	27.2	33.2	87.4	47.3	10.6	22.5	3.8	37.3	17.5	62.4
107	85	81.9	108.4	382.3	77	32.7	18	30.3	61.3	126.9	32.6	0.2	15.2	1.6	7.5	40.3	42.4
289.2	90.2	4.4	173.1	476	78	100.7	70.7	54.4	66.6	52.1	2.1	0.4	1.9	36.3	53.2	0.7	36.9
153.2	95.2	34.7	86.3	368.4	79	104	23	16	10.6	59.7	31.7	2.9	0.1	11.6	40.1	43.5	25.2
156.7	83.1	37	116.6	373.4	80	48.4	32.1	47.4	34.9	34.3	25.5	11.5	0	34.2	12	36.9	56.2
136.9	73.1	39.3	115	356.3	81	56.3	25.5	38.8	24.8	51.4	8.7	12.1	18.5	4.8	40.5	27.8	47.1
65.9	33	36.1	152.2	307.2	82	37.3	22.1	29.5	64.1	58.6	11.1	16.9	8.1	3.4	26.3	3.3	26.5
111.6	93.6	67	121	393.4	83	34.3	26.4	11.5	28.9	80.6	41.8	16.6	8.6	1.8	18.9	72.9	51.1
147.7	24.9	39.4	210	350	84	30.5	39.7	62.1	117.4	30.5	3.7	28.3	7.4	0.8	0.1	24	5.5
155.3	78.3	9.3	102.4	345.3	85	64.5	51.1	48.8	34.8	18.8	5.3	3.8	0.2	1.6	29.3	47.4	39.7

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
307.5	519.6	290.4	227.5	1345	39	18.1	176.4	130.3	43.5	53.7	51.4	175	64	115.7	204.1	199.8	113
374	262.2	194.8	273.4	1104.4	40	150.1	69.1	177.4	45.8	50.2	70.3	51.9	72.6	45.3	142.5	74.4	154.8
342.9	558.5	330.8	390.2	1622.4	41	180.4	50.8	247.2	62.8	80.2	83.9	75.1	171.8	256	109.5	193	111.7
255.9	469.7	274.1	266.9	1266.6	42	161.6	21.8	127.7	78.2	61	24.6	160	89.5	62	197.4	210.3	72.5
423.6	323.5	189	231.2	1167.3	43	133.4	74.3	81.8	88.7	60.7	55.2	57.6	76.2	105.9	122.7	94.9	215.9
393.2	308.1	125.4	231.4	1058.1	44	207.3	95.5	91.8	69.9	69.7	33.5	30.1	61.8	61.4	48.7	198	90.4
299.5	373.6	87.6	295.4	1056.1	45	105.7	100.1	153.7	102.8	38.9	42.4	9.5	35.7	56.9	205.2	111.5	93.7
490.6	482.9	262.6	267.4	1503.5	46	248.9	194	142.8	53.5	125.7	109.3	125.7	27.6	174.9	277.3	30.7	47.7
344.3	470.1	259	170.9	1244.3	47	182.3	94.8	87	45.5	38.4	18.5	150.6	89.9	127.1	180	163	67.2
309.1	426.1	313.8	274.5	1413.5	48	79.3	141.8	166.3	84.5	23.7	150.8	102.5	36.3	36.3	195.9	193.9	178
309.6	369.2	626	223.9	1628.7	49	115.3	174.4	77.6	119.3	27	33.7	143.3	44.9	148.8	187.7	32.7	119.9
387.6	283.5	208.2	184.8	1064.1	50	244.1	103.5	77.8	27.1	79.9	50	40.4	117.8	6.4	193.6	83.5	40
349.9	534	235.9	248.3	1368.1	51	87.1	79.8	68.1	76.3	103.9	82.7	64.5	88.7	233.4	180.4	120.2	183
316.2	293.4	223.5	267.9	1101	52	92.3	122.3	93	71.7	103.2	62.3	81.9	79.3	134.8	93	65.6	101.6
345.6	643.7	164.9	223.6	1377.8	53	81.4	197.5	125.7	41	56.9	64.1	71.6	29.2	151.4	138.6	353.7	66.7
311.2	262.7	292.6	176.7	1069.2	54	141.9	101.2	62.9	53.7	60.1	113.2	106	73.4	89.3	135.2	38.2	94.1
310.8	507.4	114.5	266.8	1199.5	55	52.4	61.7	92.5	120.8	53.5	49.6	31	33.9	156.1	94.8	256.5	196.7
527.2	554.6	352.7	244.5	1679	56	146.5	244.8	117.8	33.7	93	100.1	44.7	207.9	243.3	133.9	177.4	135.9
284.4	486.6	149.2	199.3	1119.5	57	134	59.8	83.1	42.1	74.1	66.8	4.6	77.8	127.2	239.4	120	90.6
360.7	461.2	334.5	297.2	1473.6	58	179.4	60.6	122.5	95.8	78.9	66.9	175.5	92.1	85.2	229	147	140.7
479	522.1	221	315.3	1537.4	59	131.9	260.7	54.2	71.2	189.9	43.9	28.3	148.8	206.1	184.8	131.2	86.4
31	246.3	251.4	255.3	1074	60	109.7	150.8	59.4	127.5	68.4	73.1	64.3	114	105.7	62.8	77.8	60.5
353.2	443.9	175.1	203.4	1180.6	61	140.9	90.3	110.7	25	67.7	53.9	85.2	20.9	198.9	57.3	187.7	127
471.4	392.2	154.8	171	1190.4	62	92.1	187.3	77.1	57.1	36.8	62.3	22.1	70.4	68.6	229.8	93.8	193
301.5	261.3	109.1	338.4	1113.3	63	187.2	81.7	161.5	132.2	44.7	33.6	26	49.5	93.8	105.3	62.2	135.6
292.8	395.7	169.7	291.8	1151	64	131.6	51.6	133.8	83.5	74.5	39.3	64.4	66	160.8	54.9	180	110.6
317.4	574.4	256	270	1417.8	65	104.6	90.7	86	109.4	74.6	64.6	139.7	51.7	87.3	368.6	118.5	122.1
317.5	154.2	318.5	314.5	1104.7	66	106.6	64.3	114.2	78.5	121.8	68.5	153.4	87.3	88.7	17.2	48.3	146.6
331.2	319.1	322.7	186	1423	67	241.8	210.3	59.8	58.6	67.6	54	42.5	226.2	31.8	120.7	166.6	143.1
302.8	460.4	230.5	191.6	1241.3	68	141.6	54.8	97.8	45.1	48.7	126	28.3	76.2	135.9	277.8	46.7	162.4
296	360.9	225.6	187.4	1169.9	69	173.1	91.7	64.6	99.9	22.9	68.8	134.7	22.1	89.1	165.4	106.4	131.2
322.2	423.3	215	188.8	1189.3	70	145.4	84.9	70.7	75.1	43	14.4	32.6	168	168.1	113.5	141.7	131.9
319.3	446.3	186.9	215.6	1076.1	71	38.4	72.7	88.6	86.4	40.6	41.6	70.2	75.1	136	143.9	166.4	116.2
336.5	414	312.4	142.6	1099.5	72	61.7	45.2	28.5	53.6	60.5	150.2	11.8	150.4	118.4	196.9	98.7	123.6
335.4	528.7	350.5	180.1	1348.7	73	75.5	40	96.9	51.9	31.3	108.9	107.9	133.7	123.4	181.6	223.7	173.9
317.9	395.6	181.8	204.4	1145.7	74	120.2	40.1	38.9	62.5	103	32.5	75.6	73.7	162.6	39.8	193.2	203.6
334.8	359.2	190.1	170.6	1056.8	75	34.6	149.7	65	85.9	19.7	102.3	20.3	67.5	141.3	106.5	111.4	152.6
346.5	323.4	290.6	191.4	1151.9	76	168.6	118.1	63.7	35.7	92	94.9	30.4	165.3	131.8	150.5	41.1	59.8
317.9	392.7	262.9	422.1	1385.6	77	76.1	42.6	185.3	145.8	91	23.9	154.2	84.8	222.3	95.2	75.2	189.2
384.3	314.1	150	302.4	1152.8	78	149	70.7	111.4	132.1	58.9	95.2	23.7	31.1	71.7	123.4	119	166.6
302	373.3	272	214.8	1152.1	79	160.4	87.1	161.6	96.4	56.8	152	71.5	48.5	105.5	130.5	137.3	44.5
396.8	369.9	172.6	291.8	1215.1	80	210.2	57.7	103.2	105.8	82.8	43.9	16.1	112.6	141.6	54	174.3	112.9
375.2	571.7	346.4	306.3	1399.6	81	49.3	41.1	111.4	95.1	99.8	54.8	186.6	105	53.5	265.1	253.1	84.8
310.2	488.5	262.3	224.7	1285.7	82	113.6	107.4	107	82.6	35.1	74	114	74.3	107.2	179.8	201.5	89.2
310.8	541.2	187.7	199.6	1239.3	83	140	116.4	106.6	33.2	59.8	79.6	42.1	66	54.9	197.1	289.2	54.4
221.3	304.6	336.7	279.6	1156.2	84	94.7	64.9	109.2	130	40.4	72.6	79	185.1	42.2	163.4	99	75.7
311.3	447.9	208	147.4	1275.6	85	84.6	227.2	32	62	53.4	80.4	100.7	26.9	85.7	263.5	98.7	160.5

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
214.4	210.2	57.9	127.7	610.2	31	96.1	50.5	51.4	45.6	30.7	50.1	4.2	3.6	62.5	37.6	110.1	67.8
129.6	100.2	48.7	97.1	475.9	32	83.7	109.9	36.1	54.7	6.3	48.7	0	0	1.6	11.8	86.6	36.3
135.6	181.9	74.1	157.2	748.8	33	64	73.7	19.3	42.8	95.1	3.5	56.1	14.5	41.1	61	79.8	197.9
170	199.4	36.9	25.5	440.8	34	33.5	94.6	9.5	5.4	10.6	1.4	24.2	11.3	34.2	57.5	107.7	50.9
245.6	239.8	79.9	117.3	683.6	35	75.9	86.9	32.9	40.8	43.6	52.8	25.5	1.6	51.2	64.5	124.1	83.8
177.1	274.6	209.9	154.4	719.1	36	29	169.6	23.3	23.5	33.4	36.3	70.5	47.6	58.3	99.3	52.3	75.8
166	287.2	90.4	81.7	736.4	37	89.4	78.1	7.8	50.8	23.1	4.9	20.1	65.4	29.5	150.3	107.6	109.6
188.1	265.8	50.6	155.1	637.5	38	62.1	43.3	51.7	64.5	38.9	7.9	28.2	14.5	205.8	46.7	13.3	60.6
425	120.2	97.3	228.3	870.8	39	48.9	48.4	123.7	2.4	20.4	40.5	66.7	91.4	33.9	40.9	113.3	193.5
113.3	225.3	99.5	143.2	681.3	41	59.3	79.6	26.5	30.4	86.3	40.2	58.8	0.5	31	109	24.4	245.7
190.5	306	101.5	48	645.8	42	101.4	67.6	24	21.3	2.7	5.7	29.3	66.5	34.7	127	144.3	74.4
304.5	335.1	109.9	131.9	781.4	43	87.6	13.8	15.8	51.2	64.9	85.2	10.2	14.5	121	92.8	103.1	21.3
138.3	151.7	37.1	217.7	684.8	44	81.5	62.5	126.1	32.1	59.5	1.4	24.6	11.1	34.1	66.7	50.9	134.3
161.7	109.9	25.5	140.1	568.2	45	172.3	70.6	68.7	66.2	5.2	5.9	0.5	19.1	19.8	37.8	52.3	49.8
184	184	19	76.8	505.8	46	63.6	92.4	53.5	8.9	14.4	1.5	15.1	2.4	2	77.1	104.9	70
155.5	155.5	28.9	113.1	588.3	47	89.2	101.1	70.9	21.4	20.8	5.2	17.3	6.4	16.4	61.9	77.2	100.5
149.5	109.3	50.1	120.1	629.3	48	88.9	163.3	56.4	42.9	20.8	45.7	0.5	3.9	1.3	65.6	42.4	97.6
164	250.1	170.7	150.2	735	49	31.6	42.9	73.3	72.2	4.7	58.7	101.8	10.2	190.6	4.1	55.4	89.5
173.7	189.8	48.4	128.6	644.5	50	162	43.3	87.1	22.3	28.1	7.7	12.4	28.3	31.8	74.5	83.5	72.4
195.3	200.2	138.6	125.4	763	51	89.5	60.4	64.8	32.5	28.1	14.5	40	84.1	22.3	86.6	91.3	148.9
183.5	226.4	34.7	100.8	670.4	52	121.5	126.3	76.4	5.7	18.7	23.8	10.8	0.1	21.9	81.3	123.2	60.7
172.4	185.6	80.1	214.6	824.6	53	145.4	132.9	107.6	44.2	62.8	72.2	0	7.9	38.3	96.2	51.1	66
171.4	135.4	41.2	88.7	537.7	54	116.1	84.5	30.9	34.2	23.6	10.3	3.3	27.6	84.1	6.6	44.7	71.8
136.1	107.3	26.7	123.4	555.5	56	86.6	160.4	88.3	20.5	14.6	20.4	5.9	0.4	16.3	34.6	56.4	51.1
123.7	134.4	12	160.5	560.6	57	38	53.7	57.8	35.8	66.9	2.1	1.9	8	5.9	38.1	90.4	162
128.7	176.1	36.8	194.7	676.5	58	109.7	48.7	144.7	37.8	12.2	8.7	7.6	20.5	67.2	75.3	33.6	110.5
139.5	241.4	146	164.4	830.5	59	156.3	47.9	68.7	25.7	70	38.9	84.1	23	57.1	45.2	139.1	74.5
151.9	97.7	83.6	105.6	538.8	60	112.2	26.4	35.6	44.8	25.2	43.9	17.8	21.9	31.3	35.7	30.7	113.3
117.0	272.6	16.4	106.1	613	61	71.8	61.6	45.1	20.3	40.7	12.9	3.2	0.3	121.3	110.1	41.2	84.5
155.7	313.3	79.1	194	945.1	62	52.5	89.4	140.8	47.2	6	21.6	57.5	0	46.7	125.8	140.8	216.8
549.0	110.2	0.7	145.2	806	63	153.9	109.8	103.3	30.6	11.3	0.6	0.1	0	16.6	59.4	34.2	286.2
172	248.9	39	95	655.9	64	25.7	91.6	32.4	23	39.6	1.9	5.6	31.5	168.8	1.4	78.7	155.7
133.4	235.1	42.6	204	781.1	65	30.5	150.9	43.4	130.1	30.5	3.9	27.2	11.5	2.2	57.9	175	118
167.1	128.9	33.6	160.2	622.2	66	118.7	14.2	99.2	35.5	25.5	4.9	0.3	44.3	12.1	2.8	83.6	181.1
132.7	215	69	147.4	821.1	68	216.8	49.2	71.8	56.8	18.8	29.3	1.3	38.4	115.2	31.7	68.1	123.7
157.7	78.3	62.9	151.6	650.5	69	129.5	69.2	56.7	81.2	13.7	49.7	8.7	4.5	14.4	15.3	48.6	159
151.5	206.9	25.7	198.1	756.2	70	100.1	115.6	58.1	99.1	40.9	15	2	8.7	27.7	106.8	72.4	109.8
142.5	221	16.4	183	662.9	71	62.9	63	147.6	14.3	21.1	6.7	1.9	7.8	22.2	129.6	69.2	116.6
147.4	294.5	91.5	98.4	631.6	72	58.2	48.2	22	54.4	22	30	13.4	48.1	94.5	100	100	40.4
150.7	244.6	45.5	149.5	640.3	73	56.7	80.7	59.8	63.3	26.4	37.5	4.1	3.9	17.8	162.3	64.5	63.3
170.5	101.2	106	209.2	646.9	74	85.4	51.9	48.6	36.2	124.4	5.8	10.6	89.6	28.3	13.4	59.5	93.2
130.6	177.1	168.6	173.4	789.7	75	111.6	66.9	95.7	26.2	51.5	39.6	16.8	112.2	9.2	98.3	69.6	92.1
147.4	157.6	88.6	59.3	552.9	76	56.4	64.5	83.9	27.7	12.3	22.3	28.2	38.1	59.7	43.4	54.5	126.5
134.6	134.6	114.9	151.9	596	77	56.5	20.7	77	62.7	73.4	28.9	73.4	12.6	27.4	48.4	79.1	117.4
127.1	268.7	28.4	199.1	803.3	78	148	73.3	66.8	99.8	32.5	1.3	3.9	23.2	65.7	146.2	56.8	85.8
132.2	173.4	152	94.1	751.7	79	131.5	75.5	12.3	76.2	5.6	11.9	36.7	103.4	22.2	43.3	107.9	125.2
163.7	200.1	65.3	234.7	868.8	80	157.1	80.3	134.9	41.5	58.3	19.9	11.2	34.2	31.3	14.1	154.7	131.3
532.8	250.6	120.8	143	1047.2	81	182.4	98.4	61.9	19.2	61.9	41.8	51.9	27.1	106.6	44.5	99.5	252
162.9	224.6	69.3	99.7	656.5	82	113.4	44.6	57.6	89.1	37.7	2.6	30.4	18	9.3	31.7	36.3	119.2
171.5	123.5	104.9	182.7	578.6	83	111.1	110.4	13.6	34.4	51.7	45.6	16.9	6.8	46.8	83.3	94.5	41.4
131.2	342	38.6	69.8	781.6	85	187.5	64.4	25.5	39.7	10.6	13.8	24.5	0.3	8.7	163.4	169.9	79.3

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
13.1	79.2	64.2	112.4	308.9	40	15.3	16.5	11.9	45.8	54.7	51.3	12.9	0	17.3	58.8	3.1	21.3
14.4	67.4	18.9	74.1	264.8	41	57.2	18	21.5	35.1	17.5	6.2	8.5	4.2	4.5	9.6	53.3	29.2
22.4	62.2	19.2	160	329.8	42	47	27.9	75.3	35.6	49.1	14.4	4.8	0	0	23.5	38.7	13.5
37.7	52.8	76.9	73.3	270.7	43	17.9	26.7	38.2	2.2	32.9	22.8	35.8	18.3	0	28.2	24.6	23.1
42.8	45.2	47.6	138.2	273.8	44	30.4	0	7.8	39	91.4	29.8	1.8	16	5.6	24	15.6	12.4
43.3	25.7	58.2	84.2	201.4	45	15.3	16.5	21.5	34.5	28.2	45.3	8.5	4.4	7.6	3.5	14.6	1.5
55	118.6	75.9	95.8	345.3	46	34	8.6	33	39	23.8	61.8	14.1	0	1	102	15.6	12.4
61	70.7	78.2	149.6	339.5	47	15.3	16.5	21.5	34.5	93.6	43	19.9	15.3	6.7	24.2	39.8	9.2
66.9	109.8	39.7	125.4	299.8	48	5.5	11.9	25.1	34.5	65.8	34.7	4.4	0.6	37.3	51	21.5	7.5
74.2	17	29.5	78.2	168.9	49	15.9	7.7	33.7	22	22.5	8.7	4.6	16.2	5.3	5	6.7	20.6
77.8	64.8	40.3	76.7	219.6	50	15.3	15.8	13.5	8.7	54.5	23.2	14.8	2.3	1.2	31.6	32	6.7
86.7	154.4	59.4	75.7	349.2	51	26.8	20.5	2.3	36.1	37.3	48.7	2.7	8	60.2	80.2	14	12.4
89.7	18.4	42.5	50.5	152.1	52	5.8	18.7	8.2	22.4	19.9	38.9	0	3.6	2.6	1.6	16.2	14.4
99	37.4	52.9	133.8	293.1	53	29.8	24.8	39.4	40	54.4	29.6	22.3	1	0.7	13.4	23.3	14.4
105.2	18.4	47	123.6	225.2	54	11.8	9.8	39.9	36	47.7	40.6	5.4	1	4.3	7.2	6.9	14.6
116	70	27.6	100.2	213.8	55	1.2	2.2	23.9	20	56.3	10.2	15.2	2.2	10.6	24	35.4	12.6
122.2	40.3	48.9	65.5	202.9	57	26.3	16.5	14	4.5	47	33.6	9.3	6	8.2	24	28.9	5.4
134.1	23.7	65.1	65.9	188.8	58	9.7	2	5.1	24.5	36.3	42.8	13.4	8.9	0.8	16.2	6.7	22.4
146.3	84.4	68.1	92.5	261.3	59	4.8	1.2	22.8	7.8	61.9	40.9	7.1	20.1	18.8	27.6	38	10.3
157.2	35.7	90.8	76.9	250.6	60	18.4	26.4	16	42.7	18.2	42.1	32.4	16.3	5.6	15	15.1	2.4
161.6	22.1	23.5	43.4	120.6	61	4.4	21.5	2.3	21.6	19.5	17.3	1.2	5	0	10.8	11.3	5.7
171.6	43.3	41.3	102.7	228.9	62	10.6	13.1	5.3	71.6	25.8	23.1	16.5	1.7	3.7	24	15.6	17.9
187.7	79.2	172.1	201.2	501.2	63	15.8	12.2	27.7	78.4	95.1	38.5	48.6	85	22.8	27	29.4	20.7
195	10.6	72.9	59.5	188	64	9.8	25.5	34.8	9.6	15.1	55.1	5.7	12.1	0.8	6.1	3.7	9.7
204.4	71.1	67.7	42.2	218.4	65	20.7	14.7	7.3	11.8	23.1	52	13.3	2.4	17.4	47.9	5.8	2
213.3	47.8	39.6	133.1	273.8	66	14	16.5	2.4	23.8	106.9	21.1	12.6	5.9	45.1	2.6	0.1	22.8
221.8	77.2	67	90.2	274.2	67	5.1	23.1	16.5	35.2	38.5	37	17.5	12.5	28.6	14.4	34.2	11.6
230.6	27.5	64.7	111.1	250.1	68	34.2	4.1	6.8	49.4	54.9	49.3	3.1	12.3	10.6	7.7	9.2	8.5
238.6	46.5	65.5	128.5	354.1	69	39.8	14.6	58.3	38.9	31.3	47.1	12.3	6.1	10.8	27.9	7.8	59.2
247.4	18.2	27.3	30.4	114.5	70	2.6	9.4	8.2	13.1	9.1	5.1	14.9	7.3	0.2	11.3	6.7	26.6
254.4	58.2	31.7	86.5	211.8	71	1	17.1	10.4	22.6	53.5	22.8	2.8	6.1	0	45.2	13	17.3
263.2	70.9	66.1	141.7	326.9	72	9.2	33.9	22.3	20	99.4	36.4	21.9	7.8	10.9	40.7	19.3	5.1
272.3	45	41.6	88.6	235.5	73	34.3	16.2	38.6	25	25	27.1	14.5	0	5.6	12.7	26.7	9.8
281.7	54.8	50.9	116.6	251	74	13.2	11.5	29.4	49.9	37.3	18.9	5.5	26.5	34.8	0.3	19.7	4
290.6	87.6	32.2	126.6	300.6	75	12.2	41.2	14.8	37.5	74.3	24.7	6.6	0.9	28	49	10.6	0.8
299.5	39.5	54.3	91.7	243.8	76	10.3	23.4	4.8	40.5	46.3	37.8	15.6	0.9	5.6	29.7	4.2	24.6
308.4	26.7	29.8	90.6	198.6	77	24.4	13.2	37.1	17.1	36.4	12.8	9.9	7.1	6.6	11.6	8.5	13.9
317.3	32.3	88.6	153.9	340	78	29.8	16.2	43.3	59.3	51.3	86.5	0.3	1.8	2.5	20.5	9.3	19.2
326.2	64.2	55.6	80.7	222.9	79	2.1	16.5	32.8	6.2	41.7	49.6	5.8	0.2	0.1	43.8	20.3	3.8
335.1	32.2	22	57.1	142.4	80	16.4	13	15.2	25.8	16.1	6.9	14.5	0.6	4.1	12.3	15.8	1.7
344.0	44.9	57.1	108.8	244.7	81	2.5	22.3	20.3	49.4	39.1	39.1	10.6	7.4	0.6	16.6	27.7	9.1
352.9	93.7	80.8	96.6	305.9	82	6.4	21.4	39.1	13.9	43.6	51.2	23.7	5.9	12.1	33.1	48.5	7
361.8	49.9	77.6	101.3	260.9	83	9	17.5	7.3	20.5	73.5	58.9	9	9.7	1	29.4	19.5	5.6
370.7	36.4	31.7	100.3	211.3	84	15.7	14.8	20.5	43.7	36.1	6.9	22.9	1.9	0.6	25.6	10.2	12.4
379.6	33.2	36.7	97.2	244.2	85	11	54	26.5	15.2	55.5	20.4	15.9	0.4	0.4	28.8	4	12.1

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
790.8	33	50	221.4	675.2	31	128.2	143.9	80.3	85.4	55.7	49.9	0.1	0	13.1	8.4	11.5	98.7
79.9	116.1	8.1	140.9	345	32	55.9	24	72.3	25.8	42.8	0.9	0	7.2	3.2	5.5	107.4	0
309.9	75.5	77.6	192.5	555.5	33	44.8	85.5	45.6	55	91.9	34.8	41	1.8	24.2	11.2	40.1	79.6
191.6	57	91.4	154	494	34	15.7	55.2	40.3	36.4	77.3	66.7	24.7	0	6	33.2	17.8	120.7
257.4	80.7	25.6	117.9	481.6	35	114.8	94.3	41.9	41.9	0.8	3.7	9	12.9	3.2	40.3	37.2	48.3
327.7	100.5	129.4	161	723.6	36	34.1	210.9	53.4	32.6	75	58.9	12.9	57.6	9.7	62	28.8	87.7
184.1	170.3	11.8	183.7	529.9	37	63	27.2	18.7	100.3	64.7	7.7	1.7	2.4	10.7	63.7	95.9	73.9
309.9	140.6	24.9	161.6	637	38	93.5	130.9	25.3	92.9	43.4	0	13.4	11.5	68.9	25.9	45.8	85.5
356.9	86	119.4	201.8	664.1	39	58.5	36.9	120.2	19.2	62.4	71.2	0	48.2	7.5	42.7	35.8	161.5
406.5	89.5	107.9	237.4	861.3	40	143.9	113.8	72.4	80.4	84.6	38	30.5	49.4	8.5	37.3	43.7	168.8
387.1	236	123.3	168.1	814.5	41	150.6	61.5	106.1	53.1	8.9	103.3	2.9	16.1	54.1	109.6	72.3	75
478.8	178.9	61.1	105.3	616.1	42	158.2	84.4	14.4	26.8	40.1	40.1	7.8	13.2	36.4	55.3	28.2	28.2
262.8	69.6	64.9	316.4	713.7	43	114.8	24	25.2	188.8	102.4	40.3	0	24.6	5.5	55.3	8.8	124
387.7	141.3	80.8	236.4	846.2	44	90.7	222	100.4	23	113	48.3	6.3	26.2	18.8	38.1	84.4	75
432	75.2	68.8	303	601.7	45	157.2	64.2	27.4	59.6	21.3	1.8	6.5	7.5	26.1	28	34.8	167.3
222.6	122.4	88.7	120.5	620.2	47	96.9	82.4	31.2	6.6	82.7	30.8	57.7	0.2	14.7	73.2	34.5	109.3
204.2	36.7	8.1	148	499	48	93.1	131.4	49.8	59.3	38.9	8.1	17.1	0	16.4	1.2	21.1	79.7
163.4	65.2	29.2	230.5	508.3	49	43.7	34.9	146	52.7	31.8	12.1	17.1	0	11.1	2.7	51.4	104.8
118	80.3	48.4	330.8	577.5	50	58.1	11	84.5	48.9	197.4	45.6	0	2.8	10.5	42.2	27.6	48.9
171.6	159.4	107.7	253	691.7	51	101.8	32	183.4	27.2	42.4	60.1	47.3	0.3	20.3	95.1	44	37.8
341.3	129.6	75.8	141	687.7	52	63.7	55.1	61.4	39.8	39.8	31.1	23.6	21.1	0.3	29.2	100.1	222.5
270.5	101.5	83.3	146.8	714.7	53	298.6	85.8	36.4	39.8	78.5	81.9	0	1.4	32	30	39.5	18.7
290.7	78.3	15.9	176.6	561.5	54	87	96.7	72.8	58.3	45.5	3.9	0	12	4.3	35	39	107
222.7	145.5	40.9	105.9	521	55	135.3	61.9	22	69.1	14.8	12.4	19.9	8.6	32.6	43.1	69.8	31.5
291.9	41.3	18	141.6	492.8	56	53.8	130	57.3	17.8	66.5	3.8	1.7	12.5	11.6	1.8	27.9	108.1
69.9	77.3	104.1	155.5	406.8	57	17.4	29.3	41.4	34.8	79.3	77.7	12.4	14	10.2	43.5	23.6	23.2
171.2	101.1	65.95	131.9	470.15	58	73.4	21.7	76.6	24.1	31.2	46.4	9.5	10.05	56.9	21.1	23.1	76.1
270.5	76.3	108.8	90.7	546.3	59	130.8	7.9	19.4	22.1	49.2	44.9	23.1	40.8	5.3	24.3	45.7	131.8
310	81.6	121.45	237.3	750.35	60	85.2	47.9	88.5	63.9	84.9	81.7	29.7	10.05	14.5	3.8	63.3	176.9
271.8	39.4	38.9	101.2	451.3	61	78.2	132.4	47.9	38.2	15.1	26.9	12	0	3.4	26.7	9.3	61.2
284.9	120.9	19.1	187.7	712.6	62	56.2	121.7	96.9	68.9	21.9	8.2	3.3	7.6	31.5	69.6	19.8	207
243	62.5	43.55	262.1	611.15	63	62.8	151.8	47	78.9	136.2	19.1	14.4	10.05	13	24.4	25.1	28.4
218.8	100.3	125.2	142.4	586.7	64	1.7	100	79.9	3.4	59.1	112.3	9.9	3	26.6	6.9	66.8	117.1
366.3	67.5	26.6	277.7	738.1	65	85	137.3	86.8	95.5	95.4	9.2	7.35	10.05	0	11.1	56.4	144
562.8	87.5	20.5	182.8	873.6	66	200.1	22.6	84.2	65	33.6	14.3	5.3	0.9	21.6	35.7	30.2	360.1
145.2	121.8	11.1	149	427.1	67	53.4	22.2	25.2	74.9	48.9	5.6	5.4	0.1	28.4	49.2	44.2	69.6
359.4	142.8	70.3	200.95	772.8	68	172.8	44.1	123.2	25.7	52.05	44.5	3.7	22.1	20.2	41.2	80.8	142.5
346.3	123.9	73.7	225	968.9	69	259	82.3	64.4	85.8	74.8	8.6	64	1.1	19.3	48.3	56.3	205
154.7	56.8	22.25	98.7	342.45	70	76.4	52.4	31.3	34.7	32.7	10.9	1.3	10.05	3.8	14.9	38.1	35.9
259.3	91.3	85.1	169.6	585.3	71	45.3	64.2	62.3	51.3	56	22.7	50.5	11.9	11.9	16.8	62.6	129.8
62.7	111.3	56.2	111.9	342.1	72	16.6	44.1	20.5	36.5	54.9	48	6.5	1.7	7.2	83.4	20.7	2
182	47.2	42.2	87.9	359.3	73	60.6	78.7	24.2	30.4	33.3	31.1	7.6	3.5	1.2	36.5	9.5	41.7
213.1	45.4	36	142.2	436.7	74	46	124.8	41.1	26.1	75	2.7	6.4	26.9	13.7	14.5	17.2	42.3
265.6	101.5	82.6	190.6	640.3	75	127.2	50.7	28.6	54.5	107.5	58.2	0.3	24.1	6.8	39.4	55.3	87.7
168	136.5	56.9	203.7	555.1	76	83.1	33.1	32	74.5	96.3	45.1	11.8	0	11.3	84.3	30.9	51.8
154.4	87.1	23.85	100.6	365.95	77	19.8	42.4	23.2	73.4	4	10.3	3.5	10.05	48.4	28.8	9.9	92.2
324.1	176.3	12.7	136.4	659.5	78	102.5	130	87.4	47.2	1.8	6.4	6.2	0.1	41.2	124.2	10.9	101.6
261.4	295.1	82.3	185.9	804.7	79	148.5	31.6	26.2	46.5	93.2	81.4	0.9	0	2.7	89.9	202.5	81.3
151.3	81.8	60.7	154.4	488.2	80	84.7	67.1	44.3	43	44.3	44.3	7.35	10.05	6.8	39.3	33.7	57.1
459.8	52.5	61.95	72.6	646.85	81	182.3	149.2	20.5	21.5	30.6	45	6.9	10.05	4.4	7.7	40.4	128.3
310.8	117.8	104.2	125.8	658.6	83	73	181.2	45.9	63.7	16.2	29.4	16.2	58.6	13.6	13.6	90.4	56.6
135.2	50.8	11.5	266.2	463.7	84	52	62.8	102.1	53.6	10.1	2.3	3.6	5.6	5.5	0	45.3	20.4
246.1	88.5	32.3	102.5	469.4	85	97.3	92.9	45.2	42.8	14.5	28.3	10	4	1.9	30.9	55.7	55.9

Kişi	Sonbahar	Yaz	İlkbahar	Yılılık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
339.3	88.8	0	113.5	531.6	38	68.6	125	34.4	48.3	30.8	0	0	0	15.6	15.6	57.6	135.7
392.2	84.4	37.6	221	735.2	39	103.4	43	192.5	3.3	25.2	37.6	0	0	37.3	3.9	43.2	245.8
551.9	66.8	29.6	301.6	949.9	40	168	91.9	40.4	183.7	77.5	29.6	0	0	7.6	14	45.2	292
111.1	83.1	1	109.6	505.8	41	113.7	102.3	42.4	55.3	11.9	1	0	0	2.7	50.9	29.5	96.1
361.3	220.8	10.5	25.5	639.1	42	207.5	140.5	10.3	14.7	0.5	1	0.3	9.2	1.1	25.8	193.9	34.3
181.1	128.3	17.2	178.6	625.2	43	182.4	18.4	30.6	76.5	71.5	5.7	0	11.5	8.2	26	94.1	100.3
519.1	285.3	18.1	295	1116.5	44	121.3	295.9	187.4	74	33.6	0	5.5	12.6	13.3	130.4	141.6	100.9
732.4	131.5	20.1	71.4	955.4	45	397.1	29.8	50	21.4	0	0	0.3	19.8	2.5	30.4	98.6	305.5
563.8	176.5	9.6	131.6	881.5	46	52.7	152.9	80.6	16.3	34.7	9.6	0	0	1.8	63.4	111.3	358.2
448.1	133.6	17	43.4	642.1	47	135.5	90.6	36.2	0	7.2	6.2	0.4	10.4	11.3	41.2	81.1	222
420.3	48.6	41.8	118.3	629	48	214.9	159.6	19.9	38.4	60	41.8	0	0	0	3.3	45.3	45.8
237.8	111.5	13.6	203.1	566	49	114.8	43.3	152.9	27.6	22.6	3.4	8.3	1.9	1.3	46	64.2	79.7
234.1	91.9	8.5	115.6	510.1	50	81.7	36.6	40.2	37.8	37.6	8.5	0	0	2.5	20.8	68.6	175.8
428.9	170.7	0.2	235.2	835	51	222.2	117.2	144.5	29.1	61.6	0	0.2	0	9.6	46.5	114.6	89.5
152.6	243.8	0	173.2	869.8	52	141.7	265.7	92.8	0.3	80.1	0	0	0	3	52.1	188.7	45.2
410.1	103.6	37	106.1	656.8	53	224.9	76.3	39.2	11.7	55.2	37	0	0	9.5	42.2	51.9	108.9
455.2	197	0	223.3	875.5	54	142.1	110.2	104	53.7	65.6	0	0	0	0	48.9	148.1	202.9
225.3	259.5	6.7	111.6	603.1	55	92.4	52.7	21	83.4	7.2	6.2	0.2	0.3	2.4	55.9	201.2	80.2
382.6	41.2	15.7	120.9	558.4	56	41.5	206.8	65.2	11.7	44	6.7	6.9	2.1	0	9.2	32	132.3
165.4	59.8	22.5	192.5	441.2	57	95.2	11.7	55.5	18.7	118.3	9.5	13	0	14.9	7.6	37.3	59.5
210.9	116.3	5.8	191.9	632.9	58	149	38.6	111.8	54.5	25.6	1.5	1.4	2.9	6.7	48.2	61.4	131.3
403	65.2	10.3	88	586.5	59	205.4	3.4	47.9	11.1	29	5.2	3	2.1	0.9	34.7	29.6	214.2
497.6	168.1	9.9	120.6	786.2	60	135.6	55.1	35.3	67.6	17.7	7.5	0.3	2.1	6	4.8	157.3	286.9
324.7	93.4	38.6	129.5	586.2	61	127.2	87.6	12.2	100.5	16.8	23.5	6.9	8.2	3.9	30.3	59.2	109.9
434.3	128.8	9.6	114.2	586.9	62	55.3	147.9	151.9	56.7	1.3	3.8	6.9	2.1	28.5	32.3	94.2	291
305.6	88.3	34.7	84.2	516.8	63	167.5	120.8	49.7	22.8	41.7	0.6	6.9	2.1	8.7	83.3	36.8	46
455.9	105.6	6.9	302.2	910.6	64	55.5	72.4	65.3	2.3	16.6	27.8	6.9	0	68.5	0.2	19.6	181.7
127.6	127.6	30.4	206.5	898.8	65	73.4	220.3	73.2	142.7	86.3	0	6.9	0	8.7	9.7	87.2	202.2
324.3	127.6	9.7	66.6	421.9	66	187.2	42.9	153.6	23.6	29.3	6.3	6.9	17.2	27.8	5.9	93.9	304.2
524.1	121.8	17.1	80.1	723.1	67	142.4	19.6	17.4	39.3	9.9	2.8	6.9	0	9.2	12.4	14.9	147.1
324.9	35.9	14.4	122.4	795.6	68	269.7	100	72.8	0.8	6.5	8	6.9	2.2	34.2	20.3	67.3	134.4
344.3	155.6	12.2	117.2	629.3	69	136.3	106.3	57.3	35.3	29.8	6.4	5.9	2.1	0.2	0.1	35.6	380.3
487.7	130.4	30.4	156.8	725.3	70	71.7	184.1	68.7	26	22.5	10.1	0	2.1	1.5	92.3	61.8	88.5
411.2	128.8	3.1	115.2	339.3	71	80	196	120.6	32.3	3.9	2.9	9.4	18.1	0.4	22.9	107.1	131.7
415.6	77	27.8	92.7	339.3	72	25.2	62.1	35.7	41.4	38.1	0.4	0.1	2.6	9.2	85.6	34	4.9
324.9	189.6	8.9	179.5	631.1	73	135.3	186.7	38.6	44.6	9.5	20.7	6.9	0.2	7.6	29.7	39.7	111.6
324.3	164.2	36.5	128	706.9	74	12.7	148.4	127.3	23.1	29.1	0.5	6.9	1.5	11.8	59.5	118.3	167.8
124.7	345.7	36.5	128	723	75	175.1	76	53.4	57.8	16.8	47.5	6.9	2.1	5	31.1	128.1	123.2
124.2	160.9	38.3	191.8	872.7	76	72.2	82.7	63.8	94.1	33.9	9.5	24	4.8	28.2	242.9	74.8	141.8
448.9	197.8	12.5	239.3	904.5	77	73.5	65.4	24.5	37.8	20.1	0.7	6.9	0	16.8	72.4	71.7	103.1
443.4	230.2	16.2	115.3	805.1	78	247.7	179.2	123.6	75	4.7	3.5	6.9	2.1	51.5	66.1	80.2	28
415.7	167.8	22.6	162.5	798.6	79	238.8	77.7	31	20.6	63.7	9.3	6.9	0	8.7	38.8	182.7	126.9
415.3	192	15.2	119.4	1071.4	80	206.2	41.5	77.8	51.7	33	13.6	6.9	2.1	8.7	8.7	150.4	198
444.2	162.6	9	260.3	678.1	81	337.8	52.4	83.7	13	22.7	6.2	6.9	2.1	0	21.1	170.9	354.6
324.5	170.1	23	52.4	558.1	82	63.7	53.4	110.1	98.4	51.8	6.2	0.7	2.1	8.7	77.7	76.2	129.1
436.9	120.7	18.3	175.9	715.8	83	47.4	106.8	9.7	40.3	2.4	12.8	9.8	0.4	8.7	2.6	158.8	158.4
410.9	180.5	8.4	152.6	542.4	84	242.6	99.5	104.2	71.5	0.2	0	16.4	1.9	0.2	30.7	89.8	58.8
410.9	180.5	8.4	152.6	542.4	85	145.7	34.6	104	6.1	42.5	1.5	6.9	0	8.7	29.8	142	20.6



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
50.9	50.5	191.4	204.9	527.7	31	25.1	12.6	31.1	78.8	95	55.2	104.9	31.3	6.8	5.4	38.3	43.2
50.7	110.8	100.8	147.5	419.8	32	28.4	28.3	30.8	40.4	76.3	17.7	50.4	32.7	61	5.1	44.7	4
122.5	106.2	109	134.3	478.3	33	32.9	26.3	39.4	27.3	67.6	65.5	34.5	39.9	44.5	30.6	31.1	69.6
63.7	93	192.9	186.3	534.9	34	15.9	24.3	10.6	57.1	118.6	51.3	99	42.6	40.5	37	15.5	22.5
141.7	106.2	138.8	112.4	499.1	35	34.8	79.9	38.9	27.5	46	62.6	33.7	42.5	8.2	29.3	68.7	27
66.5	135	184.9	323.3	709.7	36	15.5	35.1	59.5	70.8	193	104.1	76.7	22	35.5	52.1	47.4	15.9
62.1	40.4	212	208.3	523.8	37	34.9	13.5	25	76.9	106.4	104.1	24.7	83.2	2.1	25.8	12.5	14.7
98	97.4	246.6	129.4	571.4	38	31.7	40.4	19.6	37.7	72.1	47.4	109	90.2	59.2	19.8	18.4	25.9
57.2	130	281.6	101.6	570.5	39	8.3	14.1	42.7	16.7	42.2	73.7	77.8	130.1	24.4	46	59.6	34.9
167.5	120.6	239.9	161.7	629.7	40	39.7	17.7	18	56.1	87.6	177.7	60.8	1.4	54	57.5	9.1	31.2
67.6	104.4	141.4	132.6	446.2	41	38.4	14.7	37.2	73.5	21.9	25.9	45.8	69.7	22.9	51.5	30	14.7
81.6	163.8	117.3	160.4	503.3	42	24.3	15.5	23.5	26.3	110.6	40.8	42.2	34.3	8.3	79.5	76	22
54.1	118	156.9	126.5	465.5	43	19	12.9	15	16.2	95.3	64.7	53.8	38.4	9.9	85.8	22.3	32.2
50.1	116.6	222.4	197.1	586.2	44	17.3	23.5	27.2	36.4	133.5	69.9	71.5	81	31.2	40.9	44.5	9.3
76	51.1	170.5	65.3	362.9	45	26.8	33.9	13.8	15.1	36.4	119.4	30	21.1	12.8	15.7	22.6	15.3
80	104.3	213.5	178.2	576	46	16	27.2	33.2	52.1	92.9	100.5	75.9	37.1	21.3	79.5	3.5	36.8
61.7	96.8	236.6	120.2	540.3	47	59.7	17.1	6.2	42.5	71.5	98.6	55.4	82.6	32.1	17.5	47.2	9.9
122.6	113.8	110.9	180	457.5	48	20.6	21.3	49	41.6	89.4	79.4	8.9	22.6	49.2	42.2	22.4	10.9
57.7	59.9	222.5	147.1	527.2	49	21.1	34.7	30.7	47.1	69.3	63.7	27.2	131.6	42.2	7	10.7	41.9
50.6	172.9	86.3	178.3	527.1	50	29	48.3	29.2	28.6	120.5	22	47.5	16.8	12.1	127.8	33	12.3
57	269.3	180.2	211.2	743.7	51	36.7	21.5	13.9	83.7	114.6	79.4	80.5	20.3	127.9	115.5	25.9	24.8
58	66.7	164.9	130.1	445.5	52	12.9	52	23.9	48.7	57.5	119.3	5.5	40.1	22.3	25.3	19.1	18.9
58	73.1	198.8	183.2	513.1	53	21.8	22.2	43.1	43.4	96.7	149.7	30	19.1	5.9	25.7	41.5	14
117	88.3	217.9	172.6	550.5	58	37.4	10.6	48.1	38.3	86.2	96.4	95.2	26.3	65.6	8.6	14.1	23.7
62.6	134.6	272.2	222.2	691.8	59	27.2	20.4	11.7	28.7	181.8	120.5	48.4	103.3	27.7	66.5	40.4	15.2
76.6	34.4	219.3	163.1	493.6	60	37.8	26.4	49.3	76.2	37.6	103.6	66.2	49.5	7.8	5.5	21.1	12.6
49.7	79	128.3	69.9	326.9	61	22.6	13.7	19.1	23.2	27.6	68.7	47.6	12	9.2	33.4	36.4	13.4
85.3	59.1	251.2	158.9	555.5	62	13.8	37.8	29.9	88.3	40.7	88.5	88.4	74.3	33	8.1	18	34.7
79.1	93.2	291.2	255.3	718.8	63	29.2	23.8	40	90.1	125.2	144.7	91.6	54.9	26.9	47.5	18.8	26.1
45.4	28	189.5	156.1	419	64	6.5	29	57.2	28.5	70.4	159.7	19.3	10.5	8.9	2	17.1	9.9
72.1	106.1	182.2	154.9	515.3	65	11.4	30.5	43.1	65.4	46.4	54.2	66.1	61.9	27.4	61.1	17.6	30.2
46.3	56	105	143.7	351	66	17.9	4.2	16.3	46.4	81	57.6	37.9	9.5	46.9	5.9	3.2	24.2
23.3	153.4	283.8	170.7	700.2	67	42.6	15.8	19.6	53.2	97.9	109.6	128.1	46.1	55.3	33.4	64.7	33.9
51.1	137.1	206.9	142.7	547.4	68	23.2	8.6	11.2	33.1	98.4	85.6	63.1	58.2	57.4	51.4	28.3	28.9
122.6	122.7	65.6	149.1	450	69	33.7	41.7	54.2	32.7	62.2	27.9	7.8	29.9	10.1	93.1	19.5	37.2
42.4	76.5	114.3	102.2	341.4	70	6.8	22.1	21	11.6	69.6	18.5	68.5	27.3	16.5	40.3	19.7	19.5
41	62.9	189.9	177.2	471	71	1.3	9	31.3	45.6	100.3	97.4	22.5	70	18.2	30.7	14	30.7
54.1	114.4	180.5	134.2	463.2	72	22.2	10.4	10	30.8	93.4	91.1	68.3	21.1	69.9	20.3	24.2	1.5
73	96.7	115.2	120.5	407.4	73	26.5	36.8	29.5	33	58	53.7	50.4	11.1	4.2	33.1	59.4	11.7
11.6	104.9	125.4	146.5	413.6	74	17.6	9.2	23	51.2	72.3	49.3	16	60.1	74.9	1.3	28.7	10
68.8	89.1	101.1	169.7	428.7	75	9.6	29.3	11.7	20.5	137.5	78.5	14.1	8.5	49.7	24.8	14.6	29.9
93.3	80.9	175.5	161.4	511.7	76	14.9	43.1	10.5	64.5	86.4	106.2	64.7	4.6	35.2	40.3	5.4	35.9
50.7	74.7	136.3	194.4	463.1	77	15.9	22.9	43.6	49.6	101.2	79	44.3	13	48.5	25.7	0.5	18.9
70.9	44.9	113.4	161.7	399.9	78	47.2	12.4	47.2	44.4	70.1	67.8	2.9	42.7	6.9	37.6	0.4	20.3
50.3	133.1	181.3	174.7	542	79	14.7	22.4	15.6	79.9	79.2	117.7	55.2	8.4	1.3	78.4	53.4	15.8
134.4	58	131.3	99.4	321.9	80	16.7	9.1	16.4	33.6	49.4	27.7	31.2	72.4	3.7	35.2	19.1	7.4
36.4	80.9	253.9	117.2	488.4	81	13.6	9.8	27.2	41.2	48.8	118.3	34	101.6	18.7	36.7	25.5	13
30.6	57.7	137.7	166.7	392.9	82	8	14	28	39.9	98.8	95.6	91.3	10.8	16.7	19.5	21.5	8.8
20.7	163.6	178	150	522.3	83	9.8	13.8	22.4	29.3	98.3	87	47.1	43.9	60.7	50.7	52.2	7.1
52.9	50.1	119.3	163.1	385.4	84	10.9	24.9	33.4	46.3	83.4	39.3	47.3	32.7	7.7	28	14.4	17.1
55.7	45.1	82.9	134	350.7	85	36.9	27.6	22	52.3	59.7	39.2	31.4	12.3	5.6	28.9	10.6	24.2

Kış	Sonbahar	Yaz	İlkbahar	Yünlük	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
14.2	92.7	120.1	323.1	642.1	31	28	37	41.2	84.1	197.8	77.6	16.9	25.6	29.2	22.5	41	41.2
14.3	53.3	117.2	158.5	439.3	32	35.7	53.9	51.4	48.4	58.7	76.1	9.9	31.2	11	10.6	31.7	20.7
14.4	91.7	168.2	180.3	560.1	33	4.9	57.1	26.8	73.3	80.2	82.3	62.1	23.8	12.2	40	39.5	57.9
14.5	61.5	115.5	106.7	328.6	34	17.7	14	10.8	23.4	72.5	45.6	53.9	16	16.2	27.7	17.6	13.2
14.6	63.3	33.7	109	316.3	35	46.5	36	37.3	50.5	21.2	11.5	21.6	0.6	27.6	18.2	17.5	27.8
14.7	113.9	201.8	199.4	571.6	36	12.3	23.7	24.3	58	117.1	115.9	34.4	51.5	28.3	47	38.6	20.5
14.8	76.2	99.6	114.1	362.8	37	23	21.2	13	63.2	37.9	19.7	15.2	64.7	16.3	16.5	37.4	34.7
14.9	76.6	87.9	206.4	428.4	38	16.3	15.1	26.2	71.6	108.6	5.5	58.7	23.7	51.4	13.1	12.1	26.1
15.0	108.8	210.9	156.8	554.2	39	10.2	21.9	42.6	17.5	96.7	77.4	65.5	68	33.5	26.9	48.4	45.6
15.1	65.7	243.6	198.1	610.4	40	26.4	20.7	21.5	35.6	141	105	35.6	103	6.1	37.1	22.5	55.9
15.2	79.3	121	88.2	393.1	41	58.8	17.1	40.9	25.4	21.9	55.9	47.8	17.3	16.7	57.4	42.1	28.7
15.3	177.8	54.6	128.1	398.3	42	25	2.4	18.6	47.7	61.8	24.9	9.1	20.6	88.1	37.2	49.1	16.4
15.4	125.2	82.4	137.5	413.6	43	42.4	9.7	5.7	65	66.8	57.3	22.7	2.4	38.9	31.2	12.4	13.7
15.5	49.4	40.5	171.6	311.8	44	5.3	31.3	56.4	21.2	12.3	61.3	25.4	0.4	5.8	31.2	41.1	33.6
15.6	122.8	122.5	40.4	377.9	45	32.6	26	6.9	5.6	49.6	59.6	32.2	12.2	13.5	33.1	64	59.4
15.7	80.9	113.7	226.5	520.8	46	16	52.6	55.2	57.1	114.2	46.3	25.4	42	17.6	32.7	30.6	31.1
15.8	109.6	104	82.4	405.5	47	36	14.1	27.2	5.6	49.6	59.6	32.2	12.2	13.5	33.1	64	59.4
15.9	97.3	149.7	226.6	534.1	48	11.6	44.5	57.8	61.4	107.4	123.8	1.2	24.7	19.2	49.6	28.5	4.4
16.0	81.3	106.6	141	426.8	49	28.1	25.8	30.3	38.7	72	69.1	37.5	0	48.5	23	9.8	44
16.1	72.1	152.3	170	459.6	50	39.3	28.5	30	43.7	55.2	30.7	13	4.5	10.9	38.2	24.6	8.6
16.2	62.6	117	169	408.3	51	12.6	11.3	44.8	91	34.2	83.3	20	49	8.2	33.7	30.2	41.3
16.3	90.8	112.4	303.9	606.5	52	27.6	28.3	17.7	33.5	117.8	92.7	21.8	2.5	24.5	22.9	15.2	3.8
16.4	134.9	62	123.4	441.8	53	37.8	46.3	24.5	46.4	233	98.9	4.8	8.7	17.6	57.4	15.8	15.3
16.5	105.2	142.9	97.8	423.6	54	71.2	30.3	24.9	35.1	63.4	104.5	7.8	19.2	20.5	10.5	31	23.4
16.6	49.8	58.4	128.3	320.8	55	14.5	25.1	27.3	36.5	34	54.9	61.8	26.2	36.5	55.3	13.4	38.1
16.7	75.9	22	157.5	307.8	56	27.3	46.3	73.6	9.4	45.3	51.6	6.7	0.1	12.7	8.3	28.8	10.7
16.8	48.7	127.7	179.8	422.2	57	8.5	16.2	20.3	26.2	111	3	17.3	1.7	39.4	17	19.5	27.7
16.9	43.1	118.9	130.4	368.4	58	23.6	10.2	90.5	60.9	28.4	96	21.3	10.4	24	18.8	5.9	32.2
17.0	90.2	132.1	161.5	445.4	59	54.1	18.6	18.6	27.7	84.1	60.4	19	39.5	19.6	3.7	19.8	3.3
17.1	61.6	154.9	122.3	426.7	60	16.7	25.3	44.4	76	41.1	97.1	15.8	19.2	32.1	30.2	27.9	19.6
17.2	149	45	96.5	452.3	61	24.3	34.9	30	54.2	38.1	143.2	11.1	0.6	43.1	11.4	7.1	28.7
17.3	53	52.2	181.4	439.4	62	21.6	62.9	29.1	29.7	37.7	20.1	24.3	0.6	70.2	66.7	12.1	77.3
17.4	93.7	227.3	120.8	512.2	63	91.8	42.3	32.5	49.8	99.1	36.1	16	0.1	21.3	22.2	9.5	18.7
17.5	58.5	194.3	142.7	414.3	64	5	35.3	20.2	34.1	66.5	119.9	38.1	69.3	19.5	3.4	70.8	30.1
17.6	54.5	119.9	169.9	421.3	65	20.5	78	41.7	38.8	62.2	135.6	17.3	41.4	1.1	13.2	44.2	20.3
17.7	109.2	153.2	212.7	560.9	66	60.4	2.2	51.3	71.2	47.4	50.6	11.7	57.6	1.6	26.7	26.2	14.4
17.8	157.9	171.6	106	536.7	67	19	18.2	44.3	65.3	103.1	129.2	17.1	6.9	28.2	52.7	28.3	48.6
17.9	111.4	138.2	191.7	568.5	68	57.4	46.5	46.5	24.9	34.6	64.5	19.9	87.2	67	67.6	23.3	25.8
18.0	62	75	97.8	353	69	46.3	48.1	51.7	86.7	53.3	103.5	31.5	3.2	60.1	11.3	40	32.8
18.1	66.8	103	231.4	477.2	70	34.9	37.9	33.7	12.5	51.6	60.2	11.2	3.6	19.7	30.5	11.8	45.4
18.2	150.4	214.5	205.6	617.1	71	12.2	13.8	50.9	81	99.5	48.7	13.7	40.6	28.1	21.2	17.5	50
18.3	73.7	117.6	107.1	369	72	15.1	12.4	20.4	112.3	72.9	62.1	121.8	30.6	47.6	83.8	19	19.1
18.4	66.4	50.5	123.5	381.6	73	10.2	25.9	30.4	65.8	10.9	92.7	15.6	9.3	14.3	18.8	40.6	34.5
18.5	109.3	72	164.2	459.2	74	10.2	13	29.1	36.4	58	28	36.8	76.4	8.6	33	8.9	43.2
18.6	101.3	83	83.6	384.3	75	41.3	20.9	28.2	82.4	53.6	40.7	47.1	25.9	5.3	37.2	29.5	47.1
18.7	40.4	121.9	134.8	374.6	76	50.6	22.9	8.4	42.8	32.4	39.4	25.4	18.2	21.3	58.6	21.4	42.9
18.8	122.6	92.7	238.6	598.1	77	9.5	5.4	30.9	38.6	65.3	45.6	12.3	19.6	64.6	25.2	32.1	25.5
18.9	76.4	136	176.6	485.2	78	42.7	32.8	38.6	102.9	97.1	46	19.1	27.6	72.8	47.3	2.5	68.7
19.0	103.7	47.6	229.8	511.9	79	45	27.4	16.8	50.8	109	54.4	45.9	35.7	26.7	27.4	22.3	23.8
19.1	103.2	151.5	118.8	505.3	80	53.9	26.8	50.2	89.1	90.5	33.5	1.8	12.3	32.8	30.5	40.4	50.1
19.2	76.4	91	197.3	597.4	81	21.8	43.4	31.2	18.7	68.9	21.1	72.8	57.6	7.7	50.5	45	66.6
19.3	72.5	142.4	196.8	610.6	82	44.2	14.3	36.8	76	84.5	41.2	111.1	80.4	26.9	24.6	39.5	17.9
19.4	47.6	191.4	207.9	483.1	83	23.2	25.9	16.6	88.3	88.3	43.5	92.1	61.2	16.6	47.9	77.9	23.4
19.5	108.4	63.8	139.5	457.9	84	28.2	15	29.9	106.1	71.9	57.9	71.9	61.6	0.4	17.5	18.3	4.4
19.6	146.2	108.4	139.5	457.9	85	60.5	45.9	24.1	46.5	58.9	45.1	17.8	0.9	8.8	67.8	31.8	39.8

Kişi	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
113.5	36.6	26.3	124.3	300.7	50	35.3	44.3	30.6	17.4	76.3	20.2	6.1	0	0	12.8	23.8	33.9
78.1	93.3	106.2	153.3	430.9	51	33.5	18.2	31.5	50.8	71	71.4	28.7	6.1	11.6	59.4	22.3	26.4
100.3	22.5	33.9	112.5	269.2	52	18.9	56.2	49.2	20.8	42.5	22.4	4.3	7.2	0	2.3	20.2	25.2
118	146.5	46.2	124.5	435.2	53	28.5	66.8	33	19	72.5	44.5	1.7	0	42.8	16.8	86.9	22.7
117.6	7.4	64.3	132.9	422.2	54	76.5	54.1	56.4	53.8	22.7	47.3	5.6	11.4	0.1	1.2	6.1	87
63.8	67.7	16.5	122.9	276.9	55	9.7	27.5	32.9	51.6	38.4	0.2	14.6	1.7	19.7	11.6	36.4	32.6
179	33.6	14.3	127.5	354.4	56	28.7	95.8	38	16.4	73.1	7.7	5.6	1	1.8	9.1	22.7	54.5
96.3	46.2	116.1	120.9	379.5	57	20.6	45.8	24.9	41	55	107.4	3.8	4.9	7.6	21.2	17.4	29.9
36.8	22.8	87.8	204.2	401.6	58	29.4	14.8	47.6	100.4	56.2	81.1	2.7	4	2.4	4.4	16	42.6
110.7	53.9	76.1	130.9	371.6	59	61.5	34.8	24.2	62.5	44.2	35.5	27.7	12.9	12	15.5	26.4	14.4
102.7	75.8	49.2	149.9	376.6	60	37.9	45.8	26.6	102.3	21	47.3	0.7	1.2	23	11.1	41.7	18
99	82.5	50.4	135.8	367.7	61	19.3	12.6	40.6	50.2	45	39.7	6.2	4.5	45.2	6.3	31	67.1
150.5	47.1	2.4	92.2	292.2	62	16.5	74.8	16.6	48.6	27	1.4	0	1	3.8	27.2	16.1	59.2
130.4	97.8	88.3	210.2	535.7	63	65	47.2	71	65.7	73.5	49.4	38.7	0.2	38.5	37.4	21.9	27.2
109	36.3	107.8	151.1	404.2	64	12.7	44.6	66.2	19.3	65.6	97.3	6	4.5	26.2	0.4	9.7	51.7
112.6	109.4	46.8	144	412.8	65	21.1	53.8	35.1	62.9	46	46.3	0.1	0.4	6.5	37	65.9	37.7
127.8	48.2	31	97.6	304.6	66	52.2	6.6	25.6	34.3	37.7	25	5.2	0.8	26.8	9.1	12.3	69
104.1	71.7	32.4	135	343.2	67	40.3	25.5	64.3	42.3	28.4	27.9	0	4.5	2.3	23.7	45.7	38.3
87	94.1	62.4	103.7	347.2	68	46.8	18.7	47.6	8	48.1	42	1.2	19.2	48.1	18.9	27.1	21.5
153	39.7	42.2	116.6	351.5	69	31.3	70.7	22.9	68.6	25.1	37.5	1.9	2.8	0.7	10.2	28.8	51
88.4	97.6	40.3	76.6	302.9	70	31	28.1	48.7	8.4	19.5	24	8.8	7.5	19	52.1	26.5	29.3
116.5	42.7	72.8	180.7	410.7	71	18.6	29.2	33	99.1	48.6	48.5	10.6	13.7	9.2	5.1	28.4	66.7
37.1	73.8	88.9	117.3	317.1	72	12.7	20.4	9.4	59.5	48.4	83.4	4.7	0.8	24.3	27.2	22.3	4
72.3	44.3	73.6	162	352.2	73	14.6	17.2	52.1	73.7	36.2	64.6	4.5	4.5	7.3	11.3	25.7	40.5
78.9	45.9	43.7	105.6	274.1	74	28	19.2	43.4	49.3	12.9	34.6	6	3.1	7.2	14.8	23.9	31.7
117	31.4	100.9	232.1	481.4	75	23	36.3	40.4	133.2	58.5	73	6	21.9	0	2.6	28.8	57.7
105.6	83.2	42.8	121.4	353	76	47.1	30.3	15.3	57.2	48.9	10.7	9.5	22.6	23.9	42	17.3	28.2
63.2	60.9	30.8	201.2	376.1	77	25.2	12.6	68.2	75	58	23.3	3	4.5	13.3	35.9	11.7	45.4
107.5	63.8	13.3	160.7	375.3	78	73.8	29.8	73.7	67.3	19.7	8	0.8	4.5	46.7	13.3	3.8	33.9
116	106.8	51.5	180.7	455	79	52.5	41.7	33.6	82.2	64.9	37.1	14.4	0	6.2	22	78.6	21.8
131.2	75	24.8	178.7	409.7	80	71.3	23	64.2	43	71.5	21.2	0.9	2.7	9.1	16.2	49.7	36.9
93.6	65.8	65.2	176.3	400.9	81	23.5	28.2	38.8	42.9	94.6	40.5	20.2	4.5	4.8	22.9	38.1	41.9
79.8	55.9	57.7	123.8	317.2	82	23.7	15	39.1	57.4	27.3	17.5	20.7	19.5	7.7	14.9	33.3	41.1
95.4	160.8	23.6	134.4	404.2	83	34.8	35.7	34.3	41.3	58.8	15.5	7.6	0.5	8.9	91.6	60.3	14.9
81.9	27.5	35.4	127	275.8	84	24.3	25	16.7	85	25.3	12.3	18.1	5	0.6	5.9	21	36.6
107	105.9	34.1	118	365	85	22.2	46	26.3	57	34.7	22.7	7.1	4.3	9	72.2	24.7	38.8

Kişi	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
123.9	27.3	110.6	136	406.8	31	51.2	27.5	69.4	26.7	39.9	94.9	7.2	8.5	3	0.5	23.8	54.2
73.2	42.6	32	77	224.8	32	10.5	52.3	28	28.5	20.5	20.8	7.2	4	11.3	5	26.3	10.4
156.7	42.3	14.1	69.2	282.3	33	20.5	33	24.1	21.3	23.8	13.2	0.9	0	12.5	1.1	28.7	103.2
107.7	58	42.9	99.3	307.9	34	38.4	51.9	22.2	13.1	64	31	11.9	0	20.9	23.3	13.8	17.4
191.3	150.5	31.8	94.6	468.2	35	102.3	53.4	45.3	46.1	3.2	9	18.4	4.4	27.5	40.5	82.5	35.6
161.6	49.5	60.6	144.9	416.6	36	8.6	68.9	28.2	28.2	88.5	57	3.1	0.5	5.2	30.9	13.4	84.1
109	70.3	22.3	82.6	284.2	37	43.6	14.8	7.4	31.6	43.6	14.1	7.2	1	0.2	23.7	46.4	50.6
154.1	51.3	2	132.7	340.1	38	45.4	4.9	20.3	72	40.4	0.1	0.5	1.4	16.5	6.9	27.9	103.8
111.3	118.2	92.5	131.8	453.8	39	34.9	23.8	67.1	42.3	22.4	50.1	6.6	35.8	35.9	31.4	50.9	52.6
165.9	72.8	63.1	123.1	427.9	40	58	27.2	9.3	60.5	53.3	31.2	30.9	1	11.3	43.3	18.2	83.7
140.8	128.1	16.3	104	389.2	42	69.6	40.2	36.6	28.6	38.8	11.9	1.4	3	26.9	37.8	63.4	31
160.5	66.1	24.8	120.4	371.8	44	80.8	29.3	20.3	22.1	78	22.5	1.6	0.7	0.1	48.6	17.4	50.4
167.1	40.7	23.4	127.7	358.9	44	89.2	46.4	87.8	12	27.9	10.4	9	4	2.8	9.9	28	31.5
184.5	64.5	34.6	57.3	340.9	45	81.6	26.1	16.5	28	12.8	24.7	5.9	4	19.4	14.1	31	76.8
62.6	77	59.4	201.3	406.3	46	4.6	27.3	88.5	26.3	86.5	26.7	11.2	21.5	1	60.9	15.1	36.7
223.4	140.3	23.1	67.7	454.5	47	92.8	47.6	21.1	6	40.6	13.2	7.5	2.4	1.4	29.2	109.7	83
117.9	59.1	20	224.3	421.3	48	23.7	72.2	48.2	58.1	118	14.2	1.8	4	13.6	17.9	27.6	22
169	68.3	30.2	208.2	455.7	49	46.2	72.9	55.7	118.6	33.9	15.8	10.4	4	36.8	9.7	21.8	29.9
142	48.4	17.4	228.3	436.1	50	64.3	28.7	67.2	39.5	121.6	12.3	1.1	4	0	37.2	11.2	49
57.4	89.1	97.3	116.4	355.2	51	11.9	19.7	77.6	13.1	25.7	81	11.6	4.7	0.7	54.1	34.3	20.8
126.6	65.1	39.6	174.3	405.6	52	57.3	52.5	97.2	13.2	63.9	36	3.1	0.5	2.5	3.7	58.9	16.8
154.6	63.2	40.3	136.9	395	53	72.8	41.3	63.7	29.6	43.6	29.1	7.2	4	11.4	13.7	38.1	40.5
117.6	21.9	46.8	99.8	406.1	54	81.1	61.3	33	48.5	18.3	38.1	3.8	4.9	2.2	1.2	18.5	95.2
115.7	67.6	32.3	91	306.6	55	50.5	35.9	16.3	42.3	32.4	26	5.7	0.6	15.8	28.9	22.9	29.3
124.5	61.6	28.6	41	255.7	56	30.7	53.9	20	4.1	16.9	15.2	7.2	6.2	8.9	2.9	49.8	39.9
72	48.5	51.2	183.7	355.4	57	21.5	16.9	64.8	51.2	67.7	39.7	7.5	4	13.2	13.2	22.1	33.6
140.6	20.1	87.4	144	392.1	58	93.3	13	41.6	60.7	41.7	75.8	8.4	3.2	5.4	4.7	10	34.3
200.7	29.9	56.9	60.9	348.4	59	98	31.1	9.8	27.9	23.2	44.5	4.1	8.3	3.7	11.7	14.5	71.6
98	34.5	62.8	167.7	363	60	24	46.2	38.3	84	45.4	54.7	4.1	4	5.2	6.9	22.4	27.8
216.6	44	66.2	55.5	382.3	61	49.8	79.5	27.7	10	17.8	55	7.2	4	20.4	14.3	9.3	87.3
141.5	81.3	7.4	85.6	315.8	62	26.9	26.1	20.8	12.5	52.3	0.2	7.2	0	4.3	61.8	15.2	88.5
175.7	57.3	52.8	152.6	436.4	63	100.7	46.2	36	50.3	66.3	48.5	0.3	4	30	25.2	2.1	28.8
117.7	45.2	60.8	134.8	379.5	64	3.6	85.1	74.2	16.7	43.9	58.1	2.2	0.5	7.1	19.3	18.8	50
101.7	75.2	29.5	139.6	346	65	11.7	35.5	70.4	38	31.2	15.5	7.2	6.8	0.5	18.4	56.3	54.5
209.9	45.6	88.3	120.1	483.9	66	145.8	6.6	51.8	41	27.3	39.3	32.9	16.1	1.8	2.5	41.3	77.5
101.3	89.8	27.5	202.1	420.7	67	30.2	23.4	61.4	72.1	68.6	20.3	7.2	0	3.9	17.7	68.2	47.7
174.1	100.3	38.6	121.5	434.5	68	80.2	33.7	53.4	21.9	46.2	31.1	7.2	0.3	31.2	20.2	48.9	60.2
130.7	52.9	57.9	156.1	497.6	69	60.7	93.3	34.2	63.8	58.1	54.8	1.5	1.6	14.6	2.5	35.8	76.7
119.3	85.4	100	57.8	453.5	70	62.6	76.8	36.5	8.3	13	88.8	7.2	4	6.3	34.8	44.3	70.9
114	52.5	47	137.8	320.1	71	20.1	37.2	32.5	58.7	46.6	27.1	3.2	16.7	8.1	10	34.8	25.1
74.9	65	127.8	92.7	360.4	72	17.9	51.4	4.8	50	37.9	82	39.6	6.2	5.1	40	19.9	5.6
163	22.5	58.8	136.6	254.2	73	11.8	7.4	26.4	53.9	56.3	17	7.1	34.7	6.7	2.9	12.9	17.1
136.9	46.1	14.4	103.7	301.1	74	33.9	23.2	42.4	27.6	33.7	5.8	3.2	5.4	14.7	20.4	11	79.8
105.4	42.7	98.4	208.2	457.7	75	23.7	29.1	33.3	93.1	81.8	94.2	1	3.2	12.7	18.7	55.6	47
139.8	121.2	26.9	166.1	444	76	63.2	19.6	17.1	52.7	96.3	19.6	7.2	0.1	11.6	63.8	45.8	38.4
130	89.7	28.2	170.2	388.1	77	45.4	16.2	57.4	75.3	37.5	18.2	6	4	17.5	59.8	12.4	38.4
141.3	64.4	5.7	107.4	368.8	78	66.3	65.7	35.5	65	6.9	3.8	0	1.9	29.3	34.3	0.8	59.3
143.3	117	32.8	82.5	380.6	79	80.1	35.3	34.3	33	15.2	25.3	7.4	0.1	21.1	44.6	51.3	32.9
120.8	102.1	27.3	220.2	470.5	80	57.5	30.4	39.2	55.8	85.1	23.2	3.1	79.3	24.4	26.5	51.2	33
131.6	36.4	56.4	127.1	411.7	81	72.3	40.3	39.2	23.5	64.4	42.5	13.5	0.4	1.3	15.3	19.8	79.2
83.1	27.1	75.6	116.7	302.5	82	40.7	11.2	23.5	53.5	39.7	67	8.2	0.4	11.3	12	3.8	31.2
67.8	140	31.1	109	377.9	83	21.1	46.8	21.7	42.3	45	21.5	7.9	0.7	9.1	37	93.9	29.9
146.6	38.4	12.1	118.7	278	84	39	15.6	35	67	16.7	1.8	7	3.3	11.3	0.1	27	54.2
125.5	190.1	10.8	129.6	506	85	74.3	62.4	39.4	40.1	50.1	3.5	6.9	0.4	11.3	65.3	113.5	38.8

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
135.9	22.9	61.2	157.7	427.7	31	63.5	94.4	34.3	49.5	73.9	56.9	4.3	0	0.2	9.7	13	28
41	40.2	13	49.5	143.7	32	13.2	23.4	20.8	13.3	15.4	13	0	0	0	5.4	34.8	4.4
86.8	68.6	14.3	70	239.7	33	22.1	27.2	35.2	15.9	18.9	11.3	2.8	0.2	35.6	0	33	37.5
53.1	32.2	38	109	282.3	34	13.6	25.1	0.8	10.1	98.1	33.9	4.1	0	5.8	13	13.4	44.4
112.2	54.6	16.7	118.2	308.7	35	47.9	46.5	46.6	71.6	0	1.9	13.6	1.2	13.9	21.6	19.1	24.8
114.2	15.4	37.6	89.9	257.1	36	11.3	40.7	14	15.6	60.3	35.9	0.2	1.5	2.7	6.1	6.6	62.2
54.5	179.6	18.2	124.2	376.5	37	23	2.5	11.8	31.1	81.3	1.7	16	10.5	30.2	56.6	92.8	29
150.1	71.3	23.7	75.4	320.5	38	71.4	29.9	16.3	32.8	26.3	0.2	21.1	2.4	37.6	2.8	30.9	48.8
143.9	67.8	84.5	66	296.8	39	26	8	55.1	2.8	8.1	51.7	4.4	28.4	16.6	21.2	30	44.5
143.9	75.2	46.7	147.7	453.5	40	67	48.3	6.6	43.9	97.2	21	23.6	2.1	0	56.4	18.8	66.6
142.7	92.4	61.4	71.1	327.6	41	43.8	22	32.7	38	0.4	56.4	4.4	0.6	1.7	45.8	44.9	36.9
156.1	214.3	35.1	125	500.5	42	88.2	24.4	75.7	32.4	16.9	19.2	1.3	14.6	25.8	122.8	65.7	13.5
111.3	109.4	19.8	55.6	286.1	43	61.2	10.7	20.2	14.9	20.5	12	7.8	0	1.8	97.3	10.3	39.4
156.4	34.2	16.5	124	331.1	44	68.1	18.8	36.8	41.8	45.4	12.2	2	2.3	0.7	16.2	17.3	69.5
133.9	98.6	16.1	402.6	44	45	77.6	105.9	10	25	9	15.6	0	0.5	10.9	13.5	74.2	60.4
133.7	79.7	27.6	155.5	396.5	46	29.7	47.1	43	53	59.5	17.8	9.8	0	5.7	69.8	4.2	56.9
133.5	113.5	47.8	85.4	370.2	47	72.4	17.6	7.8	58.7	18.9	37.8	10	0	5.9	20.9	86.7	33.5
140.5	39.7	22.1	134	306	48	14.7	60.4	17.5	38.5	78	21.8	0.3	0	13.6	17.1	17.1	35.1
132.9	37.5	13.2	149	332.6	49	63.6	29.2	81.8	61.3	5.9	1.4	11.8	0	28.4	0.9	8.2	40.1
85.2	110.8	27.8	153.5	286.6	50	38.9	5.8	29.3	23.6	100.6	25.1	1.9	0.8	0	27.7	12.4	20.5
79	40.8	98.2	646.2	942.2	51	36.2	26.6	582.4	41.9	21.9	45.3	35.6	17.3	3.6	78.6	36.6	16.2
81.1	66.6	71.4	113.7	336.8	52	11.6	7.6	46.1	24.2	43.4	38.6	12.7	20.1	0	4.7	61.9	65.9
103.2	57.7	13.6	97.1	271.6	53	46	46.8	33.7	15.3	48.1	13.6	0	0	3.2	20.3	34.2	10.4
145	18	29.5	78.5	271	54	33.6	43.5	33.5	29.3	11.3	29.3	0	0.2	0	1.9	16.1	67.9
56.4	42.4	8	88.5	195.3	55	12.4	15.2	25.6	29.3	33.6	1.4	3.5	3.1	21.5	3.2	17.7	28.8
146.8	50.4	6.3	41.4	244.8	56	31.1	85.9	8.3	2.2	30.9	1.5	3.8	0.9	4.7	13.8	31.9	29.8
56.4	90.5	74.5	119	336.4	57	8.2	28	27	28.7	63.3	69.7	2.4	2.4	27.6	23.8	39.1	16.2
80.3	29.6	57	100.8	276.7	58	47.3	10.1	39	17.1	44.7	54.5	0.1	2.4	6.7	2.6	20.3	31.9
80.4	58.9	30.3	53.4	223	59	60.2	0.7	15.5	23.2	14.7	23	3.8	3.5	5.2	27.2	26.5	19.5
61	29.5	47.7	119.1	257.3	60	21.5	17.3	56.6	25.4	37.1	44.1	3.5	0.1	11.7	11.7	6.1	23.2
101.2	53.4	8.3	56.3	279.2	61	14.7	76.7	43.4	5.6	7.3	5.8	0.1	2.4	5.5	21.3	26.6	69.8
101.7	60.5	3.8	84	250	62	8.6	36.7	14.5	20.2	49.3	0	3.8	0	13.9	4.4	2.6	56.4
154.6	43	64.6	179.2	374.6	63	40.3	25.9	16.5	40.5	122.2	32.4	7.9	2.4	5.7	39.4	32.2	9.2
134.6	43	54.6	85.7	317.9	64	8.7	51.7	50.3	2.8	32.6	60.5	2.5	1.6	0.2	4.6	38.2	64.2
136.9	35.9	19.9	76	271.2	65	36.6	42.9	20.9	23.1	32	13.6	3.4	2.9	5.8	13.6	16.5	59.9
136.9	44.9	30.1	78.8	330.7	66	65.8	22.3	37	20.5	21.3	6.8	11.4	11.9	32.1	0	12.8	88.8
79.4	68.1	8.4	158.1	314	67	20.1	19.8	29.1	24.9	104.1	6.6	0.6	1.2	6.7	5.8	39.5	39.5
103.1	205.2	40	96.6	544.9	68	73.8	60	27.2	12.7	56.7	21.4	2.2	16.4	71.9	59.6	73.7	69.3
136.3	52	27.7	122	438	69	97.3	44.9	38.9	16.7	66.4	15.5	5	7.2	7.6	16.2	28.2	94.1
104.5	100.3	68.4	45.3	318.5	70	35	23.4	17.5	1.6	26.2	32.5	35.9	0	10.2	53.9	36.2	46.1
78	45.2	66.7	122.9	312.8	71	15.1	26	43.3	39	40.6	34.6	1	31.1	0.7	11.6	32.9	36.9
89.7	40.4	100.8	95.7	306.6	72	21.5	44.1	9.5	52.4	33.8	59.7	18.1	23	3.5	28	8.9	4.1
37.3	16.4	50.7	99.3	193.7	73	4.8	8.8	25.7	15.6	58	47.5	0.8	2.4	0.4	10.6	5.4	13.7
102.9	77.9	18.3	66.5	266.2	74	25.1	18.8	20.8	21.9	23.8	11.1	0	7.2	12.5	59	6.4	59.6
132.9	92.9	40.7	183	499.5	75	73.6	63.4	25.6	67.5	89.9	33.1	3.8	3.8	0	61.3	31.6	45.9
115.6	127	35.3	124.8	402.7	76	54.9	20.1	40.5	36.6	47.7	18	12.7	4.6	7.9	88.7	30.4	40.6
142.7	54.9	27.5	169.8	374.9	77	50.1	21.1	11	87.1	71.7	18.1	7	2.4	29.6	25.3	0	51.5
152.4	65	19.6	62.9	299.9	78	65.9	31.6	30.7	23.9	8.3	17.2	0	2.4	27	37.9	0.1	54.9
66.9	86.3	43.9	102.3	331.4	79	47	19.7	18	35.8	48.5	32.9	9	2	0.7	30.7	56.9	30.2
82.2	107.5	24.4	173.1	387.2	80	33.3	33	42	73.5	57.6	21.2	0.8	2.4	3.9	69.7	33.9	15.9
135.9	25.3	37.7	78.2	337.1	81	112.2	32.5	19.3	18.2	40.7	23.5	13.9	0.3	0	10.2	15.1	51.2
105.3	41	64.7	160.8	371.8	82	42.1	14.5	45.5	45.4	69.9	37.7	12.7	14.3	0.5	26	14.5	48.7
102.8	66.5	57.7	126	353	83	21.5	36.9	36.3	30.2	59.5	32.3	0.2	25.2	8	21	37.5	44.4
96.8	37.1	14.5	114.1	256.5	84	31.8	33.1	39.8	48.4	25.9	1.9	1.6	11	5.8	0.3	31	25.9
92.4	144.1	17.3	118.1	371.9	85	35.6	30	36.5	24.9	56.7	12.9	4.2	0.2	3.8	71.3	71.3	26.8

	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
15.1	43.3	82.3	202.1	546.8	31	71.2	61.5	56.1	62.7	83.3	67	13	2.3	17.5	9	16.8	86.4	
15.2	96	12.7	153.4	343.4	32	23.4	53.9	70.9	29.9	52.6	6.3	6.3	0.1	8	4.3	83.7	4	
15.3	99.4	93.3	122.1	486.9	33	35.6	31.1	33.6	22	66.5	6.3	33.1	20.6	16.3	4	79.1	105.4	
15.4	60.2	61.9	97.8	324.2	34	37.4	31.4	17.4	11.5	68.9	43.6	12.1	6.5	4.1	28.5	27.6	35.5	
15.5	99.6	58.6	112.4	497.1	35	69.6	81.9	55	43.4	14	14.2	0	44.4	27.2	19.2	53.2	75	
15.6	69.1	151.3	191.9	549.2	36	20	87.6	52	33.4	106.5	65.3	63.1	22.9	7	22.5	39.6	29.3	
15.7	178.3	60.7	133.2	643.6	37	104.2	85.4	14.6	59	59.6	11.2	34.3	15.2	15.5	61.8	101	81.8	
15.8	122.6	40.7	154	511.5	38	116	43.9	40.7	88.8	24.5	0.3	35.3	5.1	53.3	41.1	28.2	34.3	
15.9	163.5	207.6	154.8	771	39	43.4	40.4	97.9	14.7	42.2	129.7	26.8	51.1	90.4	18.9	54.2	161.3	
16.0	90.3	82	269.2	970	40	149.9	91.7	65.2	70	134	50.1	26.4	5.5	20.5	31.2	38.6	286.9	
16.1	108.8	66.9	111.8	593.8	41	109.5	100.4	34.4	63.2	14.2	30.3	35.6	1	4.7	56.6	47.5	96.4	
16.2	199.6	73.9	119.1	604.3	42	181.7	54.5	18.8	62	38.3	17.4	0.9	55.6	19.6	89.3	90.7	15.5	
16.3	181.8	34.2	205.8	624	43	99.9	23.3	16.4	85.7	103.7	29.5	2.6	2.1	19.4	100.9	61.5	79	
16.4	63.2	52.1	175.6	580.7	44	53.3	149	128.1	28.8	18.7	39.9	0.9	11.3	9.5	22.8	30.9	87.5	
16.5	55.6	41.3	75.4	377.5	45	95.2	26.7	40.7	30.5	4.2	6.8	24.5	10	8.9	19.6	27.1	83.3	
16.6	136.6	40.7	219.4	593.4	46	12.8	88.9	90.7	42.9	85.8	30.6	0.1	10	0.3	68	58.3	105	
16.7	76.3	76.3	81.6	491.2	47	104	45.4	30.8	8.4	42.4	25.9	45.6	4.8	6.2	20.4	52.1	105.2	
16.8	71.6	77.3	188.6	596.6	48	85	100.6	81.4	39.7	67.5	50	15.3	12	17.2	20.6	33.8	73.5	
16.9	67.1	49.5	148.9	454.5	49	64.2	49.4	110.9	20.2	17.8	34.9	14.6	0	19.7	4.3	43.1	75.4	
17.0	75.7	44.9	198.7	483.6	50	71.8	54.6	48.5	77.8	72.4	17.4	5.3	22.2	5	36.6	34.1	75.4	
17.1	150.5	86.4	149.1	524.2	51	51.9	42.6	97.9	36.7	14.5	59.3	12.7	14.4	17.3	93.4	39.8	43.7	
17.2	121	46.7	129.1	487.5	52	55.8	76.2	31.2	9.5	88.4	18.1	18.6	10	7.6	39.6	73.8	58.7	
17.3	34.3	92.6	127.3	522.3	53	150.8	85.5	32.4	23	71.9	92.2	0.4	0	9.5	8.2	16.6	31.8	
17.4	53.8	85.8	190.3	600.3	54	93.6	96.4	52.1	58.2	80	22	15.3	48.5	26.9	5.3	21.6	80.4	
17.5	256.2	95.5	129	636.9	55	28.2	67.9	33.7	71.7	23.6	12.6	57.9	25	57.4	73.2	125.6	60.1	
17.6	31.5	21.2	130.8	398.9	56	37.9	143.7	49	21.1	60.7	13	0.4	7.8	0	14.9	16.6	33.8	
17.7	136.4	37.2	191.3	484.1	57	23.6	22.6	45.8	51	94.5	20.6	14.1	2.5	69.6	11.4	55.4	73	
17.8	83.9	71.6	215.6	552.5	58	110.8	29.9	104.3	53.5	57.8	31.2	15.8	24.6	29	39.3	15.6	40.7	
17.9	96.4	154.9	143.3	631.6	59	170.4	25.9	20.7	49.6	73	49.8	89.3	15.8	1.4	52.8	42.2	40.7	
18.0	80.2	83	201.5	728.7	60	122	58.8	99.9	57.5	44.1	59.8	18.6	4.6	15	15	22	183.2	
18.1	101.3	59.1	113.9	455.4	61	49.1	68.8	51.3	48.3	14.3	56.7	0.2	2.2	22.9	49.6	28.8	63.2	
18.2	129.5	20.4	190.3	684.4	62	41	98.2	110.1	40.5	39.7	11.7	8.5	0.2	51.1	48.5	29.9	205	
18.3	111.2	89.7	216.8	726.5	63	102.5	115.3	67.5	41.3	108	55.1	24.6	10	5.8	65.9	39.5	91	
18.4	129	142.9	177.3	582.2	64	10.4	40.1	111.7	19.2	46.4	122.1	17.5	3.3	36.8	36.6	55.6	82.5	
18.5	126.5	30.3	321.1	728.3	65	44.2	136.5	57.9	117.2	146	14.6	15.3	0.4	16.3	12.2	98	69.7	
18.6	53	88.2	242.5	639.9	66	137.7	20.7	139.8	53.9	48.8	35.9	15.2	37.1	5.6	7.3	40.1	97.8	
18.7	52.4	53.2	155.5	481	67	74.6	45.9	62	56.3	37.2	5.1	47	1.1	7.6	20.7	24.1	99.4	
18.8	56.3	52.2	208.6	695.7	68	172.6	45.2	148.1	25.5	35	33.4	1.3	17.5	14.6	43	40	119.5	
18.9	104.1	92.1	140.8	628.5	69	74.9	94	48.2	64.5	28.1	37.3	44.8	10	3	4.5	48.8	170.4	
19.0	125	42.5	214.7	704.4	70	97.8	141.9	136.5	38.5	39.7	28.1	14.4	0	30.7	50.3	44	82.5	
19.1	160.5	128.2	198.9	668.9	71	63.2	34.4	96.6	36.2	66.1	41.6	60.7	25.9	27.8	57.5	75.2	83.7	
19.2	149.8	154.1	137.6	499.5	72	28.1	26.2	33.5	37.8	66.3	79.2	47.9	27	28.9	96.8	24.1	3.7	
19.3	121	61.3	144.4	542.4	73	15.8	97.5	43.9	64.3	36.2	42	14	5.3	9.1	61.8	50.1	102.4	
19.4	104.1	55.4	159.3	494	74	30	77.2	35	65.1	59.2	28.8	0.1	26.5	32.7	32.2	39.2	68	
19.5	139.5	107.1	264.2	693.3	75	46.3	52.6	99.2	55.2	109.8	68.6	0	38.5	25.9	28.7	84.9	83.6	
19.6	87.3	65.7	146.4	538.7	76	71.6	35.3	28.6	55.2	62.6	29.1	23.2	13.4	9.1	65.2	13	132.4	
19.7	173.6	60	138	556.7	77	36.1	28.9	35	76.7	26.3	34.3	16.6	9.1	47.7	67.5	58.4	120.1	
19.8	146.2	12.2	180.5	634.7	78	119.8	104.6	68.8	62.5	49.2	12.2	0	0	75.7	55.7	14.8	71.4	
19.9	151.3	77.3	155.4	668.5	79	177.1	34.7	24.7	27.4	103.3	73	3.8	0.5	19.2	41.9	90.2	72.7	
20.0	188.2	30.1	176.2	733.2	80	152.3	27.8	85.5	55.9	34.8	25.9	2.5	1.7	57.3	40.5	90.4	158.6	
20.1	124.8	86.9	143.7	711.4	81	115.1	70.6	61.1	37.3	45.3	54.9	11.7	20.3	9.2	49.4	66.2	170.3	
20.2	48.7	33.3	166.2	361	82	48.5	37.4	19.5	88.4	58.3	15.7	16.5	1.1	9.8	33.5	5.4	26.9	
20.3	190	84.7	125.8	581.9	83	86	48.5	46.1	60.3	46.1	28.8	54	1.9	9.8	24.3	161.8	46.9	
20.4	44.8	67.1	229.6	471.6	84	59.3	60.1	75.5	111.5	42.6	2.9	23.1	41.1	0.6	1.2	43	10.7	
20.5	95	26.6	127.5	521.3	85	151.3	78.5	59.7	35	32.8	18.8	0	7.8	1.8	22.4	70.8	42.4	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
183.9	138.4	124.7	105.4	552.4	41	51.6	62.6	2.5	44.7	58.2	48.6	51.7	24.4	44.9	63.2	30.3	69.7
150.5	117.4	52.8	104.3	425	42	104.2	42	50.2	35.4	18.7	45.2	3.2	4.4	0.3	31.4	85.7	4.3
163.6	291.1	35.1	159.5	649.3	43	56.7	19.7	2.6	66.4	90.5	16.6	12	6.5	8.1	50.5	232.5	87.2
183.6	275.1	63	159.6	621.3	44	28.7	86.4	95.9	42.7	21	1.4	46.3	15.3	79	87.9	108.2	8.5
167.8	88.6	44.4	83.7	384.5	45	95.1	6.1	41.5	40.2	2	29.1	13.8	1.5	4.6	70.1	13.9	66.6
183	180.3	23.9	109.2	496.4	46	38.1	93.3	48.6	11.1	49.5	5.3	0.3	18.3	19.5	55.8	105	51.6
116.2	175.9	93.7	63.8	549.6	47	44	46.4	38.5	1	24.3	32.1	11.4	50.2	9.3	85.4	81.2	125.8
151.4	18.9	79.3	72	324.6	48	85.4	36.2	15.3	27.7	29	69.9	9.4	0	0.2	2.7	16	32.8
114.9	133.6	134.7	121.6	504.8	49	12.6	2.9	59.8	36.6	25.2	99.9	21.2	13.6	13.1	5	115.5	99.4
145.5	116.1	24.8	105.2	389.6	50	61.5	26.6	44	27.4	33.8	14.2	4.8	5.8	5.6	51.8	58.7	55.4
119.5	125.8	177.8	117.6	540.7	51	69.5	26.4	64.5	32.2	20.9	34.2	2.8	140.8	13.9	43.3	68.6	23.6
225.6	293	83.2	111.1	712.9	52	78.4	93.6	55.4	1.4	54.3	62.8	2.1	18.3	13.4	87.8	191.8	53.6
177.7	91.7	149.4	139.1	557.9	53	118.2	43.7	5.8	60	73.3	92.4	21.2	35.8	11.5	75.1	5.1	15.8
191.6	175.2	120.7	174.5	782	54	65.6	73.1	33.5	66.5	74.5	79.9	29.4	11.4	29.5	44.9	100.8	172.9
141.4	258.4	257.4	64.1	761.3	55	53.1	57.6	24.8	38.3	1	94.8	132.8	29.8	28.9	87	142.5	70.7
144.8	202.7	112.9	168.6	799	56	115.7	154.3	62	65.3	41.3	82.2	12.4	18.3	12.3	44.9	145.5	44.8
184.7	214.8	51	135.7	586.2	57	26.1	33.9	19.3	56.1	60.3	17.8	31.9	1.3	112	36.2	66.6	124.7
193.3	176.2	46	196.7	602.2	58	92.4	45	102	61.7	33	28.9	10.8	6.3	30.4	111	34.8	45.9
207	128.1	302.4	50.8	688.3	59	98.9	9.7	18.7	15.6	16.5	111.7	158.9	31.8	19	37.1	72	98.4
306.1	105.1	214.3	139.5	667	60	83.3	39.1	24	66.3	49.2	139.4	56.6	18.3	49.9	5.7	49.5	85.7
302.7	153.7	58.1	134.5	549	61	78.4	34.4	26.3	18.2	90	49.9	7.5	0.7	86.9	20.8	46	89.9
250.9	159.5	130.7	192.8	733.9	62	42.6	48.1	144.6	34.9	13.3	81.8	30.6	18.3	19.5	68.3	71.7	160.2
341.5	138.8	87.8	285.7	853.8	63	112.6	144.3	190.2	37.5	58	38.3	31.2	18.3	15.6	100.7	22.5	84.6
206.9	191.1	75	139.7	612.7	64	18.7	62.8	39.3	29.8	70.5	50.9	13.8	10.3	97.4	50.8	42.9	125.4
324.9	199.9	45.4	211.5	781.7	65	55.5	138.5	51.8	99.6	60.1	33.6	6	5.8	19.5	7	173.4	130.9
266.2	267.2	53.3	190.6	877.3	66	166.8	45	68.1	51.8	70.7	28.6	4.2	20.5	24.6	63.5	179.1	154.4
266.5	102.9	127.3	99.5	596.2	67	112.5	54.6	31.8	42.8	24.9	71.7	23.3	32.3	33.3	32.1	37.5	99.4
228.3	107.1	57.6	76.1	569.1	68	164.8	37.1	61.5	4.8	9.8	28.3	3.7	25.6	63.6	13.7	29.8	126.4
205.8	85.7	85.5	77.7	554.7	69	78.2	93.8	39.3	35.6	2.8	14.7	35.7	35.1	12.1	50.8	22.8	133.8
235.6	192.8	61.3	168.6	658.3	70	88.4	103.6	62.4	66.6	39.6	39.7	3.3	18.3	0.4	72.1	120.3	43.6
258.2	157.3	103.4	265.1	784	71	100.2	105.4	150.8	22.6	91.7	32.9	18.7	51.8	29.9	29.9	97.5	52.6
61.8	202.5	87.9	109.2	461.4	72	21.5	36	30.3	47.6	31.3	16.1	43.2	28.6	68.1	95.8	38.6	4.3
175.9	99.9	70.8	119.5	466.1	73	46.4	104.4	68.6	28.9	22	49.5	12	9.3	8	62	29.9	25.1
54.2	159	48.9	211	503.1	74	18.2	29.7	56	64.8	90.2	22.9	2.9	23.1	27.1	37.3	94.6	36.3
144.1	446.8	167	178.8	936.7	75	65.1	14.7	52.8	34.4	91.6	94.4	26.5	46.1	195	165.7	86.1	64.3
144.9	161.1	184.7	130.7	621.4	76	22.6	5.7	34.6	53.8	42.3	91.9	61.2	31.6	3.5	75.6	82	116.6
136.4	110.2	63.5	129.9	440.1	77	45.3	33.7	28.9	43	58	41.2	21.9	0.4	44.9	19.9	45.5	57.4
142.2	151.2	31.4	212.6	538.4	78	63.8	58.6	67.6	84.1	60.9	26.2	2.8	2.4	72.7	64.7	13.8	20.8
201.8	257.6	82.9	109.4	651.7	79	114.1	41.8	7.2	85.8	16.4	25.8	40.9	16.2	5.2	107	145.4	45.9
233.9	113.9	114.8	173.4	666	80	125.3	54.9	58.1	62.8	52.5	49.1	52.8	12.9	22.9	2.4	88.6	83.7
338	240.7	46.1	86.7	711.5	81	121.6	50.2	43.3	17.2	26.2	2.3	38.8	5	13	73	154.7	166.2
155.5	75.5	66.3	186.4	483.7	82	36.3	10.6	41.5	91.1	53.8	40.9	18.6	6.8	2.3	36.9	36.3	108.6
125.9	82.3	135.2	156.3	409.7	83	26.6	69.1	6	17.7	32.6	68.6	46.8	19.8	18.7	13	50.6	40.2
155.9	111.7	62.2	246.6	576.4	84	106.2	40.5	143	77.2	26.4	28.6	31	2.6	19.5	1	91.2	9.2
150.2	169.7	85.4	78	493.3	85	91	42.5	28.6	41.3	8.1	53.4	31.8	0.2	6.9	24.3	138.5	26.7

Kiŝ	Sonbahar	Yaz	Ilkbahar	Yıllık	Yıllar	Ocak	Ŗubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
110.8	29.1	20.4	162	322.3	31	41.6	13.9	36.2	96.2	29.6	10.1	6.3	4	2.9	6.3	19.9	55.3
96.3	23.5	0	54.3	174.1	32	64.3	24.8	23.8	12.3	18.2	0	0	0	7	1	15.5	7.2
112.3	49	59.2	96.2	316.7	33	17.3	56.4	61.1	22.3	12.8	59.2	0	0	2.9	32.9	13.2	38.6
114.1	85.3	6.3	98.6	304.3	34	25.6	56.1	18.8	41.3	38.5	6.3	0	0	0.6	52.8	31.9	32.4
124.1	200.9	0.5	117.6	493.1	35	32.9	70.4	34.9	82.3	0.4	0.1	0.4	0	36.3	85.7	70.8	70.8
174.4	63.6	50.4	150.1	438.5	36	5.2	123.4	9.4	40.1	100.6	27.7	5.8	16.9	0	36.8	26.8	45.8
185.7	80.3	24.6	86.7	330.2	37	47.4	31.7	6.8	54.5	28.8	1.7	0	0.5	0.4	70.6	68.9	18.9
77.9	91.3	20.4	182.6	372.1	38	73.1	47.2	15.2	46.8	24.7	11.2	12.4	1	4.4	5.1	70.8	45.4
225.4	104.5	7.3	133.6	430.8	40	87.1	46.9	33.5	68.7	30.4	7.4	0	13	15.5	3.6	72.2	30
340.3	86	25.3	127.5	379.1	41	39.8	45	121.4	6.1	31.4	7.3	0	0	0	63.9	40.6	51.4
231.8	142.6	16.6	149.8	440.8	42	45.9	51.4	82	30.2	0	14.4	10.9	0	18.9	46.4	20.7	55.5
133.8	97.5	9.3	47.5	288.1	43	63.7	41.7	26.8	12.9	7.8	6.8	2.5	0	0	55	87.6	34.5
334.3	118.2	13.7	147.1	483.5	44	101.2	63.2	40.1	53.6	53.4	3.4	5.3	5	7.1	39.2	8.8	28.4
98.6	61.5	31.5	105.1	296.7	45	48.4	23.2	58.5	25.6	21	31.5	0	0	0	5.1	56.4	40.1
107.9	59.6	21.6	202.9	392	46	8	66.7	43.1	96.8	63	11.7	5.3	4.6	0	56.2	3.4	27
148.4	143.6	10.5	110.9	414.4	47	86.2	45.1	88.1	11.4	11.4	7.2	3.3	0	4.8	106.1	18.1	33.2
178.2	45.2	38.7	205.6	467.9	48	55.6	69	42.8	101.8	61.2	33.3	0	5.4	0	6.7	38.5	53.6
86.4	8.1	10.6	146.5	251.8	49	25	25	47	66.5	33	10.6	0.2	0	0.4	6.7	1	36.4
65.4	52.1	22.7	230.5	370.7	50	19.7	29.6	60.8	74.1	95.6	13.5	9.2	0	0	16	16.1	16.1
135.5	140.4	18.2	140.8	437.9	51	32.3	25.8	39.1	80.6	21.1	15.6	0	2.6	3.5	78.9	58	80.4
195.9	27.7	31.1	128.2	292.9	52	39.8	27.7	32	33.1	63.1	28.7	2.4	0	3.7	6.5	17.5	38.4
146.5	89.5	32.9	178.9	449.8	53	31.6	74.3	85.1	42	51.8	28.1	4.8	0	10.4	38.3	40.8	42.6
344.4	80.8	3.1	179.9	408.2	54	40	36.7	71.8	81.7	58.4	1.7	1.4	0	0	28.8	52	67.7
76.4	76	13	147.6	313	55	3.1	20.1	49.1	46	52.5	9.5	2.5	1	0.3	32.7	43	53.2
144.9	46.1	11.7	107.9	310.6	56	42.6	44.9	30.9	48.2	28.8	4	2.5	5.2	1.4	15	29.7	57.4
140.9	50.4	51.4	199.7	442.3	57	15.4	89.2	42.7	38.2	118.8	49.6	0.2	1.6	2.3	17.6	30.5	36.2
110.5	41.3	31.8	110.7	294.3	58	69.8	5.8	29.8	37	43.9	29.7	0.5	1.6	2.4	8.7	30.2	34.9
122.7	59.1	30.4	157.8	371	59	67.4	39.5	32	54.5	71.3	26.3	2.5	1.6	13.5	31.9	13.7	16.8
159.7	77.3	15.4	188.6	441	60	97.9	44.8	38.8	108	41.8	11.3	2.5	1.6	1.6	14.1	61.6	17
200.8	63.5	26.1	177	417.4	61	80.5	24.5	104.8	24.9	47.3	22	2.5	1.6	7.6	6.2	49.7	45.8
155.6	32.6	3.5	90.1	252	62	22.2	70.8	19.9	40.7	29.5	0	2.5	1	2.9	7.3	22.6	32.6
343.2	107.3	59.8	284.1	594.4	63	60	39.8	45	107.6	131.5	57.9	0.3	1.6	20.3	54	33	43.4
156.2	43.6	36.9	166	402.7	64	8.9	65.7	130.8	4.9	30.3	32.8	2.5	1.6	0	0.1	43.5	81.6
335.3	99.7	22.4	120	367.4	65	41.1	32.8	68	36	16	20.8	0	1.6	2.2	62.5	35	51.4
175.6	67.1	5.7	106.2	358.6	66	70.4	24.8	28.3	48.7	29.2	1.5	2.6	0	9.1	2.4	55.6	84.4
125.4	219.8	31.8	190.2	578.2	67	65.6	48.9	83	60.7	46.5	21.4	8.8	1.6	26.4	103.9	89.5	21.9
150.7	198	16.6	174.5	539.8	68	57.9	20.9	43	50.8	80.7	7.6	2.5	6.5	6.7	45.7	145.6	61.9
124.8	71.1	6.5	209.2	511.6	69	138.7	44	65.2	56.8	87.2	6.5	0	0	5.1	45.9	20.1	42.1
176.7	107.3	19.9	95.3	297.2	70	10.2	39.9	70.7	3.4	21.2	12.1	2.5	5.3	0	60.1	47.2	24.6
91.4	77.4	29.7	240.5	438	71	7.2	25	69.1	137.4	34	3.6	2.5	23.6	0.7	33.4	43.3	58.2
125.7	81.6	46.4	206.4	380.6	72	24.8	17.9	21.5	95.1	89.8	46.2	0.2	0	26.8	16.8	38	3.5
20.1	111.9	30.3	157.5	381.8	73	35.8	9.3	47.5	93.5	16.5	28.3	0.4	1.6	1.2	45.4	65.3	37
122.9	52.7	2.9	186.3	344.8	74	49.8	15.8	60.2	100.1	26	2.3	0	0.6	9.1	18.5	25.1	37.3
23	32	9	168.7	297.7	75	18.3	44.8	36.7	72.5	59.5	9	0	0	2	1.3	28.7	24.9
125.7	144.2	14.7	274.7	559.3	76	51	27.5	38	141.2	95.5	7.5	5.6	1.6	13.1	97.5	33.6	47.2
113.4	16.7	5.8	196	331.9	77	42.5	17.9	91.2	58	46.8	1.7	2.5	1.6	0.7	11.3	4.7	53
125.2	35.7	25.2	185.2	354.3	78	68.7	46.7	68.1	67.3	19.8	21.1	2.5	1.6	5.7	29.6	0.4	22.8
147.8	189.4	70.7	163.8	571.7	79	70.9	39.7	44.8	49.2	69.8	66.7	4	0	0	67.1	122.3	37.2
140	63.7	7.1	219.4	430.2	80	35.4	26.7	121.7	51.6	46.1	5	1.6	0.5	2.9	8.4	52.4	77.9
122.1	79	37	173.9	422	81	33.6	52.9	78.4	56.5	39	27.2	8.2	1.6	1.4	56.4	21.2	40.3
21.3	36	30.6	191.4	309.3	82	26.7	14.3	57.1	71.7	62.6	18.4	12	0.2	3.5	2.6	29.9	10.3
26.2	98.2	37	271.5	503.6	83	21.2	39.9	80.4	60.2	130.9	35.3	0.1	1.6	3	52.4	42.8	35.8
144.5	46.4	42.4	159.9	393.2	84	75.7	14.2	37.7	79.4	120.8	41.8	0.2	0.4	2.9	9.1	34.4	54.6
79.8	63.6	7.3	104.9	255.6	85	10.4	41.9	36.2	29.4	39.3	7.3	0	0	0	26	37.6	27.5



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
287.2	85.6	25.4	312.7	810.9	31	152.6	106.9	77	142.5	93.2	8.3	0	17.1	49.8	11.9	23.9	127.7
182.6	148.6	22.1	163.5	516.8	32	70.1	97.7	98.5	58.3	6.7	1.3	3.7	17.1	10.6	68.3	69.7	14.8
242.1	67	58.3	220.2	688.6	33	106.3	116.4	39.8	88.6	29.4	29.4	27.2	1.7	2.6	13.3	51.1	120.4
239.2	140.2	53.1	85.6	518.1	34	116.3	85.9	32.8	21.6	31.2	13.4	22.6	17.1	0	63.1	77.1	37
451.7	290.7	30.5	173.4	946.3	35	164.8	83.7	89.8	72.9	10.7	13.4	0	17.1	85.3	111.2	94.2	203.2
301.3	138.6	52.4	171.1	663.4	36	32.2	212	83.5	33.6	54	3.8	32.1	16.5	47.8	19.7	71.1	57.1
270.3	207.1	30.5	91.1	599	37	67.5	82.8	22.1	44.2	24.8	13.4	0	17.1	9.5	54.2	143.4	120
349.2	87.7	15.1	105.8	557.8	38	83.4	149.6	22.6	53.9	29.3	13.4	1.7	0	28	21	38.7	116.2
418.9	165.3	46	231.4	861.6	39	67.9	53.3	188.6	1.6	41.2	40.8	0	5.2	74.3	36	55	297.7
541.1	65.8	58.4	266.7	932	40	106.9	62.8	34.4	180	52.3	39	2.3	17.1	6.7	13.7	45.4	371.4
271.9	137.9	38.3	134.7	602.8	41	89.8	93.7	46.9	64.2	23.6	15.7	5.5	17.1	7.2	78.1	52.6	108.4
200.4	259	43.8	59.1	664.3	42	170.2	106.1	23.2	33.9	2	5.7	32.5	5.6	0	45.6	213.4	26.1
333	139.7	11.3	230.6	694.6	43	196.4	24.2	24.7	77.9	128	11.1	0	37.3	24.3	24.3	78.1	92.4
444.7	259.6	13.6	294.6	1012.5	44	81.4	278.8	194.4	66.5	33.7	2.9	0	10.7	12	143.2	104.4	84.5
735.3	140.5	26.8	99.7	1002.3	45	398.7	27.6	60.4	39.3	0	0.6	11.6	14.6	1.5	61.4	77.6	309
442.4	197.9	48.3	110.5	799.1	46	31.6	163.9	64.9	17.4	28.2	12.4	18.8	17.1	0	82	115.9	246.9
436.5	158.3	43.8	63.2	701.8	47	149.7	95.3	43.2	15.3	4.7	37	0	6.8	9.4	35.2	109.7	191.5
506.4	29.5	82.4	124.2	742.5	48	244.1	206.3	36.3	38.5	49.4	46.5	18.8	17.1	0	3.7	25.8	56
338.1	113.2	24.3	231.1	626.7	49	75.3	73.2	167.9	53.9	9.3	12.3	10.3	1.7	10.6	14.5	88.1	109.6
316.5	104.3	53.5	136.3	610.6	50	89.3	47.5	53.1	48.2	35	17.6	18.8	17.1	4.1	18.3	81.9	179.7
250	241.4	24.2	227.2	742.8	51	125.8	60.5	148.8	12.9	65.5	3.6	18.8	1.8	9	96.1	136.3	63.7
545	349.3	26.1	167.7	1088.1	52	167.9	318.5	40.4	3.7	123.6	11.9	0	17.1	27.4	89.9	232	58.6
410.7	87.3	74	133.6	705.6	53	216.5	98.2	39.7	20.2	73.7	38.1	18.8	17.1	3.6	50	33.7	96
426.5	183.7	49.3	205.9	865.4	54	122.5	109.1	72.2	78.4	55.3	13.4	18.8	17.1	12.2	37.7	133.8	194.9
509.5	293.6	15.2	198.6	716.9	55	74.6	64.3	35.9	142.1	20.6	13.4	0	1.8	3.9	46.2	243.5	70.6
336	58.8	34.3	142.2	571.3	56	47.9	186.3	97.3	22.9	22	11.9	18.8	3.6	10.6	1.9	46.3	101.8
182.4	48.7	13.4	190.5	435	57	89.1	25.6	42.3	24.3	123.9	0	13.4	0	3.7	8	37	67.7
322.7	172.8	19.9	200.9	726.3	58	160	47.3	121.5	64	15.4	0.3	18.8	0	19.3	71.1	82.4	125.4
426.8	120.4	41.9	94.2	695.3	59	223.4	9.2	27.1	13.9	53.2	15.6	18.6	7.7	1.1	61.7	57.6	207.2
531.8	135.6	32.2	139.6	859.2	60	168.5	57.6	54.3	55.5	29.8	15.1	0	17.1	4.3	5.2	126.1	325.7
246.7	118.3	47.2	196.4	708.6	61	108.6	99.9	30.6	140	25.8	47.1	0	0.1	0.5	49	68.8	138.2
512.5	219.6	46.4	283.4	1061.9	62	79.4	123.7	192.1	86.7	4.6	3.9	25.4	17.1	11.5	45.2	162.9	309.4
245.2	113.3	38.3	184.3	681.9	63	197.4	150.5	41.7	48.3	94.3	1.6	19.6	17.1	10.6	75.8	26.9	47.3
307.6	112.6	76.6	151.2	648	64	34.1	86.7	137	0	14.2	40.7	18.8	17.1	55.1	0.3	57.2	186.8
631.1	173.3	37.3	343.9	1245.6	65	80.4	347.6	83.6	179.5	80.8	1.4	18.8	17.1	10.6	30.9	131.8	263.1
411.2	127.5	80.2	244.5	1063.4	66	242	64	171.2	35	38.3	38.9	18.8	22.5	27.3	27	73.2	305.2
345.1	91.3	10.1	161.4	611.9	67	136.7	33.8	32.7	65.2	63.5	3.1	6.7	0.3	41.2	40.2	9.9	178.6
502.5	165.4	44	148.8	868.7	68	278.2	110.9	97.3	1.5	50	25.2	18.8	0	44	61.1	60.3	121.4
531.1	29.1	41.6	112.6	774.4	69	136.9	130.7	51.1	44.3	17.2	7.9	16.6	17.1	3.3	1.6	26.9	323.5
406.8	154.9	77.5	200.6	839.8	70	94.9	200.4	131.6	45	24	39.7	20.7	17.1	3.3	97.8	53.8	111.5
240.1	180.4	83.6	189.5	813.6	71	72	152.6	158.8	23.3	7.4	24.3	4	55.3	6.4	42.6	131.4	135.5
147.5	201.9	11.2	138.9	459.5	72	28.5	75.3	43.5	52.2	43.2	6.1	3.7	1.4	20.7	140.1	41.1	3.7
432	108	60.9	173	763.9	73	59.7	213.7	62.8	84	26.2	27.8	16	17.1	9	22.1	76.9	148.6
140.2	249.1	37.1	203.4	799.8	74	18.6	178.4	131.2	47.6	24.6	25.2	0.9	11	36.6	39.3	173.2	113.2
306.5	185	59.5	186.6	781.6	75	161.4	88.8	69.4	65.9	51.3	38.8	18.8	1.9	15.8	41.5	107.7	120.3
245.4	250.8	58.8	189.2	792.2	76	72	67.2	44.2	93.2	51.8	20.6	21.1	17.1	0.1	157.7	93	154.2
237.4	247.2	29.4	127.2	691.2	77	77.9	67.4	56	68.3	2.9	10.6	18.8	0	51.5	101.6	94.1	142.1
460	243.7	48	279.3	1031	78	257.1	151	164.4	80.4	34.5	12.1	18.8	17.1	10.6	14.3	126.2	145.8
483.8	151.1	28.1	110.6	753.6	79	230.5	87.5	36.1	26.7	47.8	9	2.1	17	10.6	14.3	126.2	145.8
445.1	145.6	58.8	233.5	883.2	80	202	28	115.2	52.9	65.4	39.9	18.8	0.1	7.5	7.5	137.1	215.3
331.1	244.2	35	154.3	1089.4	81	298.2	62.7	84.9	20.1	49.3	0.1	18.8	17.1	1.7	8.4	134.3	393.8
551.7	144.5	37.2	281.2	725.6	82	53.4	76.4	105.2	123.7	52.3	13.4	6.7	10.6	10.6	75.5	58.4	132.9
298.2	199	81.3	106.4	684.9	83	69	128.9	12.9	60.7	32.8	11.4	23.6	46.3	1	15.4	182.6	100.3
245.5	93.9	30.1	221	691.5	84	205.5	93.5	117.3	102.5	1.2	1	22	7.1	0.1	42.6	51.2	47.5
247.5	202.3	24.7	138.3	612.6	85	162.3	48.2	79.7	18.1	40.5	5.6	18.8	0.3	10.6	48.6	143.1	36.8

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
353.6	47.6	0	195.1	595.3	41	116.9	118.6	151.4	43.7	0	0	0	0	0	9.7	37.9	117.1
379.8	325.8	0	175.8	881.4	42	195.6	75.9	148.3	26.1	1.4	0	0	0	0	64.3	261.5	108.3
336.3	65.2	0	199	603.5	43	186.6	110.4	95.7	101.2	2.1	0	0	0	0	57.4	7.8	42.3
348.3	177.9	4.5	252	682.7	44	149	36.3	74.7	92.7	84.6	4.5	0	0	0	23.4	154.5	63
331.6	142.5	0	93.9	608	45	183.4	73.4	54	27.1	12.8	0	0	0	0	5.9	136.6	114.8
355.3	37.4	3.3	398.7	794.7	46	145.2	136.8	100.2	120.2	178.3	3.2	0	0.1	0	37.2	0.2	73.3
446.9	178.6	0	62	687.5	47	250	78	36.4	13.1	12.5	0	0	0	0	17	161.5	118.9
331.7	87.9	2.5	448.2	810.3	48	57.3	111.7	54.8	311.9	81.5	0	0	0	0	23.3	64.6	102.7
331.9	4.7	9.6	289.1	621.3	49	54.3	97.5	157.9	92	39.2	0	0	2.5	0	0	0	0
241.8	55.8	18.5	281.4	597.5	50	96.7	34.9	83.5	40.6	157.3	18.5	0	9.6	0	4.7	0	166.1
359	101.7	5.7	194.6	660	51	150.9	87.5	62.4	108.5	23.7	5.1	0	0	1.8	11.1	42.9	110.2
310.9	50.4	0	228.5	789.8	52	58.9	280.4	92.8	61.1	74.6	0	0	0.6	13.2	76.3	12.2	119.6
366.1	128.9	7	254.3	728.3	53	94.8	196.7	152.2	77.2	24.9	0	0	0	8.5	2.5	39.4	161.6
375.6	111.7	6.5	335.5	1029.3	54	244.5	156.1	108	212.3	15.2	3	7	0	0	26	102.9	46.6
433.8	151.2	3.2	100.9	688.1	55	16.5	136.4	51.2	43.1	6.6	3	0.2	0	0	10	101.7	175
321.8	30.9	4.3	177.5	594.5	56	161.6	75.9	130.7	19.9	26.9	0.4	3.5	0.4	0	17.5	131.1	279.9
330.4	102.8	10.3	457.1	900.7	57	117.6	128.7	248.5	72.4	136.2	6.8	3.5	0	0	0	30.9	144.3
305	26	6.1	139.1	476.2	58	179.7	23.2	83.9	53	2.2	5.9	3.5	0	0	6.2	20.6	102.1
321.8	39.3	9.4	210	490.5	59	114.7	79.5	55	48.3	106.7	5.9	3.5	0	0	20.9	14.2	37.6
325.1	89.4	1.3	159.4	475.2	60	164.8	25.1	65	85.9	8.5	0.3	1	0	2.5	8	78.9	35.2
434.4	109.3	7.9	207.6	759.2	61	164.3	58.9	86.7	60.9	60	4.4	3.5	0	2.5	7.3	99.5	211.2
362.1	22.5	6.5	117.7	508.8	62	70.4	159.1	25.5	78.6	13.6	3	3.5	0	2.5	3	17	132.6
239.7	172.2	4.5	475.3	981.7	63	135.5	130.8	65.6	243.9	165.8	0	3.5	1	5.9	132.8	33.5	63.4
366.6	123.6	4.2	174.6	589	64	38.2	211.3	144.3	24.4	5.9	0.7	3.5	0	2.5	17.5	103.6	37.1
329.6	169.7	4.2	229.3	732.8	65	100.8	152.9	76.6	147.3	5.4	3.8	0.4	0	4.7	11.7	48	75.9
331	65.7	0	161.2	607.9	66	238.4	14.7	45.1	106.1	10	0	0	0	0	41.1	16.6	127.9
330.4	311	3.8	345.9	1191.1	67	170.2	160.1	147.5	84.6	113.8	3	0.8	0	0.3	91.6	219.1	200.1
427.4	126.4	10	279.4	1049.2	68	228.5	71.3	102.7	93.8	82.9	6.5	3.5	0	0.8	41.7	83.9	333.6
407.7	121.8	8.2	420.9	958.6	69	272.9	80.8	283.6	111.4	25.9	4.7	3.5	0	0.2	63.7	57.9	54
350.2	63.1	3	100.4	416.7	70	98.1	48.1	47.4	46.2	6.8	3	0	0	2.5	9.5	51.1	104
345.3	90.8	0.1	399.7	735.9	71	10	89.8	105.6	259.6	34.5	0	0	0.1	2.5	29.3	59	145.5
325.5	153	20.3	407.6	776.4	72	98.8	92.9	76.6	134.2	196.8	16.8	3.5	0	2.5	48.4	104.3	3.8
226.6	83.8	6.5	119.1	436	73	108.7	85.3	47.2	60.6	11.3	3	3.5	0	2.5	17.5	63.8	32.6
335.3	115	0.5	338.7	789.5	74	215	48.7	256.6	77.2	4.9	0.5	0	0	0.7	6.6	107.7	71.6
320.9	65	4.5	219.5	669.9	75	57.1	202.8	61.9	142.3	15.3	1	3.5	0	0.5	5.3	59.2	121
452.2	94.3	4.5	433.6	984.6	76	215.3	142.3	100.7	216.5	116.4	1	3.5	0	2.2	62.9	29.2	94.6
320.2	28.9	3.7	189.7	530.6	77	50.6	69.4	114.5	56.7	18.5	0.2	3.5	0	2.5	11.4	15	188.3
304.3	16.3	6.5	188.1	905.2	78	142.5	214	138.1	38.6	11.4	3	3.5	0	2.5	12.7	1.1	337.8
326.7	269	3.6	174	765.3	79	136.2	81.6	141.4	13.7	18.9	0.1	3.5	0	2.5	100.7	165.8	100.9
307.3	121.8	6.5	179.1	614.7	80	56.7	150.6	115.6	51.6	11.9	3	3.5	0	2.5	0.1	119.2	100
436.7	113.5	35.8	292.6	878.6	81	97.3	216.6	180.8	55.3	56.5	34.8	1	0	1.8	3	108.7	122.8
373.3	197.4	5	312.4	988.1	82	233.1	187.6	60.1	187.8	64.5	3.6	1.4	0	2.2	110.4	84.8	52.6
378.7	121.2	5.6	230.9	636.4	83	69.1	133.8	101.1	74.4	55.4	1.6	3.5	0.5	2.5	50.8	67.9	75.8
329.1	116.4	6.5	161.9	413.9	84	37.2	38.8	104.1	48.6	9.2	3	3.5	0	2.5	10.2	103.7	53.1
443.4	91	8.8	203.8	753	85	94.8	241.7	80.2	108.8	14.8	3	3.5	2.3	2.5	15.3	73.2	112.9

	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
294.3	48.1	82.2	123.8	548.4	39	133.3	72.9	113.6	10.2	0	18.5	0	63.7	0	0	48.1	88.1	
347.3	154	13.4	93.8	708.5	40	128.3	166.1	12.9	32.8	0	12.9	0.5	0	9	68.7	76.3	152.9	
244.4	53.9	18.8	33.8	350.9	41	69.8	49.6	32.2	1.6	0	11.5	5.5	1.8	1	35.8	17.1	125	
295.4	312	0.3	89.3	697	42	179.3	108.4	74.6	9.6	0	5.1	0	0	11.8	123.8	176.4	7.7	
366.6	106.7	17	99.8	590.1	43	280.7	45	34	37.8	28	11.1	5.9	0	1	93.9	11.8	40.9	
373.7	209.3	4.9	117.3	705.2	44	125.7	204.9	44.6	16	0	0.4	0	4.5	1.9	51.3	156.1	43.1	
315	139.4	6.2	89.9	490.8	45	113.4	89.9	17.9	11.7	0.6	6.2	0	0	20.8	10.2	108.4	111.7	
295.3	101.9	0.7	179.2	577.1	46	5.8	168.7	66.1	42.9	0	70.2	0	0.7	0	49.4	52.5	120.8	
373.7	174.5	36.3	34.5	619	47	158.3	105.7	25.6	1.1	7.8	16.1	20.2	0	0	4.8	169.7	109.7	
481.5	37.3	35.3	92.8	626.9	48	82.5	268.4	14.7	74.9	3.2	31.5	0	3.8	1.6	2.6	33.1	110.6	
376.8	100.8	11.7	157.2	646.5	49	112.3	45.2	64.7	92.5	0	0	11.7	0	48.3	0	52.5	219.3	
145.5	132.3	0.6	199.7	479.1	50	63.9	44	68.9	25.1	105.7	0.6	0	0	25.6	96.7	10	38.6	
345.8	262.4	19.1	74.6	601.9	51	154.4	35.2	48.5	6.2	19.9	13.5	5.6	0	16.7	54.4	191.3	56.2	
491.5	107	7.4	78.3	674.2	52	27.6	100.9	56.6	12.7	9	7.4	0	0	0	6.1	100.9	353	
333.4	46.6	51	229.8	660.8	53	200	81.8	76.1	149	4.7	51	0	0	11.1	0.9	34.6	51.6	
373.2	249.1	6.4	81.6	713.3	54	99.9	47.1	39.4	40.8	1.4	6	0	0.4	6.8	51	191.3	229.2	
377.4	107	15.2	109.7	439.3	55	65.7	64	79.1	29.5	1.1	6.1	7.2	7.2	7.6	23.2	76.2	77.7	
235.7	1012.9	20.5	98.9	458.3	56	117.1	127.6	32.7	5.4	60.8	0.2	5.7	5.7	7.6	30.2	5.4	51	
348	123.2	18.8	144.1	534.2	57	39.7	38	79.7	46.2	18.2	8.1	8.8	8.8	0.6	58.9	63.8	170.3	
459.9	28.6	70.7	100.3	689.5	58	322.5	38.1	84.9	5.8	9.6	9	5.7	5.7	11.3	11.2	6.1	129.3	
307.2	39.6	19.9	9.6	466.3	59	268	39.4	2.7	6.9	0	13.5	5.3	1.1	0.4	26.5	12.7	89.8	
121.4	82	12.6	116.2	404.2	60	115.5	19.8	94.4	7.7	14.1	2.8	7.9	7.9	2	15.5	64.5	58.1	
477.5	52.3	13.7	77.4	620.9	61	27.3	300.8	45	7.6	39.1	2	5.7	5.7	6.8	60.7	45.9	333.9	
322	52.7	68.6	88.9	532.2	62	93.8	136.3	18	26.9	32.5	6.1	5.7	61.8	0	51.2	1.1	247.4	
220.5	151.6	18.2	97.5	489.8	63	159.2	119.7	28.7	50.5	9.7	4.9	4.9	4.9	19.8	9.8	23.1	43.1	
481.4	25.3	6.9	108.2	621.8	64	11.7	128.9	54.1	13.6	29.8	10.7	5.7	5.7	12.1	30.2	109.3	81.9	
469.1	118.4	8.3	70	665.8	65	172.1	184.2	39.9	49	19.3	1	5.7	5.7	0.3	16	9	125.1	
260.7	199.6	7.9	267.3	735.5	66	238.9	46.6	54.8	13.5	1.7	4.2	4	4	9.6	0.4	108.4	183.6	
651.1	319.9	19.6	48.4	1039	67	98.3	64.8	161.5	77.7	28.1	0.3	5.7	5.7	0.9	83.4	115.3	97.6	
472.9	83.3	10.5	141	707.7	68	176.4	53	42.4	3.2	2.8	1.1	3	0	18.5	19.1	15.5	285.3	
143.5	151.3	58.2	114.9	517.9	69	322.2	18.2	79.6	23.1	38.3	2.7	5.7	5.7	10.6	33.6	39.1	132.5	
180.7	114.7	18.3	133	446.7	70	70.9	95.8	86.5	1	27.4	6.1	50.2	50.2	1.1	45.8	104.4	26.8	
235.7	68.8	64.8	126.5	495.8	71	33.6	63.6	21.9	110.4	0.7	2.3	0.1	15.9	7.6	49.9	57.2	83.5	
126.1	73.7	53.1	35.4	288.3	72	32.6	91.5	38.1	54	34.4	46	18.8	18.8	2.1	45	21.7	111.6	
179.4	52.7	21.1	142.9	496.1	73	28.3	28	22	12.5	0.9	11.7	39.5	39.5	7.6	8.9	57.2	69.8	
313.1	99.3	4.9	159.9	577.2	74	32.7	45.4	127.8	13.3	1.8	6.1	5.7	5.7	8.4	21.5	22.8	201.3	
301.9	288.2	13.1	124.3	747.5	75	125.9	88.6	30.3	107.5	22.1	3	0	0	7.6	0	91.7	98.6	
307.3	23.2	1.3	146.6	458.4	76	121.1	63.2	25.2	57.3	41.8	0.8	12.1	12.1	33.9	98.6	155.7	137.6	
438.2	102.9	12.7	123.6	677.4	77	83.2	34.4	58.5	87.8	0.3	0.3	1	0	0.9	15.7	6.6	169.7	
252	252.2	19.5	82	605.7	78	196.3	81	57.4	53.5	12.7	5.1	5.7	5.7	7.6	85.3	10	160.9	
354.3	89.3	13.7	164.2	621.5	79	67.4	52.5	49	21.7	11.3	13.8	5.7	5.7	0.4	78.1	166.5	132.1	
726.2	61.2	42.7	81.2	911.3	80	162.8	119.2	116.2	41.5	6.5	6.1	5.7	5.7	0.4	26.9	62	72.3	
234.4	117.9	0	134.2	536.5	81	373.6	153.6	39	10	32.2	28.5	0	0	3.2	16.5	41.5	199	
300.9	99.5	13.2	86.9	1100.5	82	76.1	96.7	71.2	16.3	46.7	0	0	0	0	5.2	112.7	111.6	
345.3	310.1	10.9	164.3	831.2	83	196.1	627.6	15.7	70.8	0.4	3.5	1.3	1.3	0	8.8	90.7	77.2	
					84	149	120.7	71.2	55	38.1	0.7	0	0	10.2	16.8	124.9	168.4	76.2

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mays	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
184.3	58.5	142.8	196.8	582.4	40	23	111.1	18.1	75.8	102.9	94.5	17.4	30.9	5.9	24.6	28	50.2
67.2	55.7	71.7	77.6	272.2	41	28.4	13.7	40.2	31.9	5.5	29.5	21.5	20.7	12.3	19.3	24.1	25.1
73.3	135.2	26.8	88	325.3	42	34.8	11.3	18.4	32.4	37.2	17	4.8	5	45.6	65.3	24.3	29.2
113.9	72.9	77.7	122.4	386.9	43	52.5	23.1	5	23.9	93.5	51.2	26.5	0	11.8	25.2	35.9	38.3
112	73	57.3	193.9	436.2	44	42.5	53.8	105.9	32.1	55.9	25.3	32	0	10.3	16.8	45.9	15.7
111.8	94.7	100.4	101.7	408.6	45	50.1	25.3	29.6	34.9	77.4	77.4	14.1	8.9	28.5	23.9	42.3	36.4
38	57.7	97.4	191.4	434.5	46	17.3	35.9	68.5	62.6	60.3	45.1	38.8	13.5	5.9	43.1	8.7	34.8
150.1	105.3	30.1	69.2	354.7	47	74.9	35.8	30.5	7.3	31.4	20.7	6.8	2.6	16.8	23.1	65.4	39.4
86.5	79.9	144.8	90.6	401.8	48	20.8	59.1	29	21.1	40.5	135.3	6.1	3.4	20.2	29.7	30	6.6
94.2	50.2	54.6	116.4	315.4	49	32.2	32.4	22.9	60.2	33.3	51.3	3.3	0	24.3	7.3	18.6	29.6
71.4	33.1	23.8	76.1	210.4	50	34	23.6	30.4	18	27.7	16.2	9.5	4.1	1.7	27.5	3.9	13.8
82.1	89.5	33.7	115.2	320.5	51	23.1	32.2	45	28.5	41.7	29.6	3.1	1	10.5	30.3	48.7	26.8
122.8	75.2	98.1	113.8	409.9	52	51.9	44.3	33.3	9.1	71.4	64.4	30.3	3.4	18.6	13.7	42.9	26.6
100.2	87.4	57	119.2	363.8	53	36.9	45	25.4	35.3	58.5	54.4	1.8	0.8	6.7	64.4	16.3	18.3
140.3	29.6	35.1	129.2	334.2	54	61.2	39.2	23.8	43.4	62	21.2	9.2	4.7	1.5	10.9	17.2	39.9
59.8	79.9	55.6	92.9	288.2	55	22.8	23.8	36	41.6	15.3	4.9	30	20.7	25.1	29.9	24.9	13.2
100.6	59.7	34.8	82.6	303.9	56	19	78.7	27.8	5.5	49.3	24.6	9.3	0.9	4.8	21.6	33.3	29.1
64.9	62.8	6.1	171.2	305	57	12.6	10.7	24.2	29.7	117.3	5.4	0.7	0	36.9	5.9	20	41.6
79.6	36.2	76.4	163.9	356.1	58	36	13.2	31.9	44.4	27.6	60.2	11.6	4.6	10	24.5	1.7	30.4
137.6	69.9	76.7	163.1	447.3	59	95.8	7.4	90.8	45.7	86.6	50.6	3.3	22.8	19	36.4	14.5	34.4
80	61	62	155.9	358.9	60	37.7	23.3	28.5	56.8	70.6	38.2	7	16.8	12.6	20.2	28.2	19
128.8	45.9	94.8	118.6	398.1	61	48.8	34.6	19.2	52.2	47.2	85.3	5.8	3.7	26.4	8.7	10.8	55.4
170.4	64.8	22.8	112.5	370.5	62	37.5	40.4	35.4	17.7	59.4	19.1	3.7	0	17.7	37.4	9.7	92.5
103.1	70.6	18.2	101.5	299.4	63	53.5	30.9	25.8	34.4	41.3	18.1	0.1	0	18.8	26.4	25.4	24.7
54	56.8	77.8	142.2	340.8	64	4.1	44.2	42.3	45.9	54	66.9	10.9	0	3.3	1.8	51.7	15.7
95.2	55.8	63.7	159.5	377.2	65	16.5	40.2	68.4	36.2	54.9	13.9	12.3	37.5	0	19.3	36.5	41.5
130.5	22.8	83.9	113.7	350.9	66	59.3	5.1	33.3	51.6	28.8	39.3	2.5	42.1	7.7	0	15.1	66.1
70.8	63.1	52.1	175.8	361.8	67	24.6	16.4	51.2	65.8	58.8	42.7	0.2	9.2	13	10.7	39.4	29.8
125	105	104.1	138.8	472.9	68	63.7	23.9	43.2	52.7	42.9	48	21.5	34.6	54.1	28.2	22.7	37.4
81.3	69.7	66.5	149.3	446.8	69	63.2	58.8	30.1	74.3	44.9	60.7	1.1	4.7	19.5	5.1	45.1	39.3
107.6	116.5	47.9	103.7	465.7	70	69.4	75.9	29.4	13.9	60.4	25.1	18.2	4.6	40.1	61	15.4	52.3
94.2	87.6	78.8	169.1	429.7	71	5.8	11.5	33.2	54.1	81.8	31	38	9.8	28.4	21.7	37.5	76.9
50.7	134.7	155.7	86.2	429.3	72	26	17.4	11.2	32.2	42.8	77.3	57.8	20.6	64	51	19.7	9.3
56.8	77	61.7	186.2	383.7	73	10.5	20.7	41	87	58.2	49	10.7	2	7.5	28.5	41	27.6
119	27.8	63.5	140.4	350.7	74	13.3	21.8	27.3	39.1	74	23.4	28.6	11.5	8.4	6.1	13.3	83.9
91.6	59.3	17.8	180.2	348.9	75	32.6	7.8	30.3	82.4	67.5	12.3	1.4	4.1	5	37.5	16.8	51.2
73.7	78.9	57	116.4	326	76	33.9	16.9	15.4	42.8	58.2	43	12.7	1.3	10.9	43.3	24.7	22.9
119.4	69.2	81.5	226.5	495.6	77	32.5	31.2	53.9	76.1	96.5	65.9	12.5	3.1	28	32.6	8.6	54.7
100.1	102.8	54.9	162.1	441.9	78	59.6	35.2	62.6	63.6	35.9	30.9	12.5	18	51.2	49.8	1.8	27.3
100.9	142.2	100.4	90.8	462.3	79	34.9	43.3	27.5	34.2	29.1	27.7	65.4	7.3	42.9	46	53.3	50.7
108.7	94.2	32.3	199.3	446.5	80	80.6	10.5	56.5	69	73.8	31.1	0	1.2	23.6	20.5	50.1	29.6
100.2	77.3	90.4	109.9	415.8	81	67	18.2	32.8	31	46.1	55.1	29.5	5.8	24	20.3	33	54
100.2	17.8	86.7	115.4	298.9	82	36.9	10.1	31.1	61.8	22.5	42.5	30	14.2	0	11.7	6.1	32
100.9	133.9	104.7	88.7	465.2	83	70.6	27.4	6.8	36.2	45.7	47.5	52	5.2	11	45.4	77.5	39.9
100.4	37	98.8	169.8	385	84	20.3	26.6	44.6	84.4	40.8	15.1	58.4	25.3	4.5	6.2	26.3	32.5
100.3	121.2	66.9	187.9	472.8	85	37.2	27.2	24	34.6	129.3	33.1	23.4	10.4	2.9	77.5	40.8	32.4

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
310.9	27.3	210.7	1533.6	35	460	155.2	142	155.2	55.5	0	0	0	27.3	29.8	58.1	223	382.7
237.5	57.3	268.7	1250.4	36	151.9	100.8	325	100.8	55.2	112.7	8.7	22.3	26.3	22.8	82.2	132.5	210
489.2	23.8	192.4	1701.7	37	147.6	36.8	245.5	36.8	105.8	49.8	23.3	0.5	0	0	230	258.2	604.2
286.8	7.7	490.1	1903.4	38	343.2	218.3	428.1	218.3	248.7	23.1	0	3.3	4.4	19.8	57.4	209.6	347.5
167	75.1	438.9	1648	39	353	376.2	112.2	376.2	40.2	22.5	70.3	4.5	0.3	22.3	40.5	104.2	501.8
151.3	223.7	288.6	1754.9	40	367.8	101.6	227.3	101.6	125.8	61.2	16.8	43.1	1.4	3.5	93.8	126.4	584.3
341.5	159	200	1045.9	41	168.7	76.3	227.3	76.3	121.3	2.4	7.8	0.4	37.2	16.7	103.2	39.1	245.5
596.4	28.9	45.4	1136.4	42	403	13	209.5	13	25.7	6.7	4.5	3.9	20.5	8.9	100.2	262.6	77.9
169.4	3.6	262.2	992.5	43	331.7	102.4	47.2	102.4	99.7	60.1	0.6	3	0	1.9	106.6	60.9	178.4
346.2	55.4	259.7	1421.9	44	182.4	220.6	352.9	220.6	18.9	20.2	13.2	0	42.2	10.1	203.4	132.7	225.3
531.6	180.5	123.2	1291.7	45	445.2	108	74	108	14.7	0.5	14.2	12.2	0	4.3	33.3	142.9	442.4
1045.2	33.4	153.4	1381.3	46	105.4	71.9	282.5	71.9	21.2	60.3	33.4	0	0	9	48.3	72	677.3
302.6	41.1	89.8	937	47	200.7	20.2	183.5	20.2	14.8	54.8	24.8	16.2	0.1	0	20.6	117.4	283.9
104.3	4.5	237.6	939	48	279.4	100.8	236.9	100.8	86.9	33.6	4.5	0	0	29.7	30.9	43.7	76.3
101.1	53.3	362.1	964.9	49	207.1	312.6	48.7	312.6	25.9	23.6	33.6	9.1	10.6	3.1	7	91	192.6
195.4	40.1	388.3	1069.9	50	224.7	77.7	67.2	77.7	54.9	255.7	40.1	0	0	31.4	44.8	120.2	153.2
531.9	252.6	244.5	1066.8	51	313.1	170.2	108	170.2	28.2	46.1	24.6	11.2	0	2.7	93.8	156.1	112.8
766.2	464.2	212.7	1545.6	52	319.1	150.9	244.5	150.9	12.5	49.3	22	12.4	68.1	0	71.8	392.4	202.6
503.5	147.9	82.4	1046.2	53	429.5	64.2	79.5	64.2	4.3	13.9	113.4	0	0	13.9	55.9	78.1	193.5
923.6	338.7	267.9	1481.7	54	339.5	169.4	204	169.4	59.6	38.9	28.7	0	17.8	9.5	112.6	216.6	285.1
511.3	261.2	136.2	1043.7	55	377.4	46.6	142.1	46.6	85.7	3.9	19.1	2.7	13.2	9	77.1	175.1	91.8
265.5	72.4	173.9	1099.8	56	165.7	103.7	346.3	103.7	7.2	63	1.4	0.7	5.9	10.1	28.8	33.5	333.5
206.7	139.9	180.2	668.7	57	113.9	84.7	35.1	84.7	27.9	67.6	34.3	4.4	11.2	14.8	35.2	89.9	149.7
544.1	57.7	303.4	1030.9	58	316.7	210.5	105.5	210.5	80.8	12.1	11.1	3.4	11.2	15.6	24.6	17.5	221.9
598.2	173	60.3	953.2	59	364.4	9	23.3	9	39.4	11.9	4.9	5.6	11.2	10.1	56.3	106.6	310.5
316.2	182.4	13.9	1310.6	60	300	78	59	78	91.2	28.9	2.6	0.1	11.2	0.9	1.8	179.7	557.2
744.9	120	73.2	119.8	61	245.5	182.7	182.7	45.7	48	26.1	34.5	27.5	11.2	10.1	90.9	19	316.7
151.3	377.5	15.6	201.3	62	248.7	358.8	358.8	133.9	51.3	16.1	5.4	9	1.2	115.9	106.5	155.1	543.8
553.3	172.3	35.9	304.3	63	246.9	186.7	186.7	108.8	80.8	114.7	3.8	20.9	11.2	3.8	93.1	75.4	121.7
665.2	184.6	44.3	146.8	64	26.6	300.3	300.3	104.6	9.6	32.6	24.1	9	11.2	82.1	15.3	87.2	359.3
1004.4	182.5	26.4	404.6	65	265.4	191.5	297.8	191.5	161.3	51.8	6.2	9	11.2	10.1	55.4	117	441.2
105.2	145.3	34	234.1	66	460.8	154.5	94.2	154.5	68.4	11.2	13.8	9	11.2	14.1	28.2	103	550.2
541.2	193.6	21.6	262.5	67	209	59.5	61.1	59.5	143.1	59.9	4.6	9.7	7.3	37.7	70.7	85.2	373.1
553.9	303.9	15.5	177.6	68	429.3	139.9	105.9	139.9	25.7	12	1.8	9	4.7	42.5	138	123.4	318.7
1025.7	126.3	39.3	453	69	384.7	276.8	211.6	276.8	110.8	65.4	19.1	9	11.2	0.1	31.3	94.9	629.4
733.6	200.2	40.2	132.1	70	135.3	109.3	289.4	109.3	14.6	8.2	14.2	23.9	2.1	4.3	131.5	64.4	248.9
624.4	279.7	58.4	286.6	71	201.7	282.2	282.2	282.2	12.8	47.6	19.1	11.1	28.2	7.1	27	245.6	145.5
767.7	300.9	55.6	184.9	72	57.1	68.4	110.5	68.4	64.3	52.2	38.7	13.1	3.8	36.4	209	55.5	11.1
668.7	112.9	30.1	110.7	73	148.6	33.3	351.2	33.3	52	25.4	18.1	0.8	11.2	8	62.7	42.2	168.9
321.3	199	62.6	253.7	74	55.8	157	279.6	157	77.8	18.9	20.5	9	33.1	20.9	59.2	118.9	385.9
110.4	304.2	113.3	349.8	75	332.4	93	125.6	93	96	160.8	90.1	9	14.2	0.8	30.1	273.3	152.4
511.5	241.4	42	197.7	76	291	23.8	89.3	23.8	142.6	31.3	23.6	7.2	11.2	10.1	108.1	123.2	231.2
416.8	197.3	46.3	102	77	156.5	41.7	95.4	41.7	53.1	7.2	36.8	9	0.5	5.9	40.5	150.9	158.9
789.3	251.5	26.5	252	78	310.8	169	324.5	169	75.4	7.6	6.3	9	11.2	78	108.8	64.7	154
905.2	438.6	92.2	257.2	79	407.8	71.7	219.4	71.7	47.4	138.1	80.6	11.5	0.1	10.1	109.4	319.1	279
537.2	231.4	11.6	279.2	80	267.5	163.1	58.3	163.1	85.9	30.2	11.4	0	0.2	0.8	47.8	182.8	311.4
1379.8	224.8	17.2	147.8	81	645.3	76.9	185.9	76.9	9.1	61.8	8.1	9	0.1	0.1	3	220.8	548.6
496.2	240	99.7	319.2	82	125.9	195.2	74.5	195.2	89.8	34.2	95.3	4.4	0	10	134.2	95.8	295.8
423.3	185.7	35.8	211	83	85.1	266.7	86.4	266.7	70.8	53.8	24.3	11.2	0.3	2.3	28.2	155.2	311.5
599.7	284.9	30.3	312	84	360.8	201.5	242.4	201.5	104.2	6.3	19.1	0	11.2	1.4	59.2	224.3	961.5
621.4	254.6	42.6	177.4	85	393.9	70.9	149.5	70.9	13.9	92.6	29	2.4	11.2	10.1	124.2	120.3	78

	Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
156.1	131	8.5	98.4	396	35	77	53	39	56.7	2.7	0.4	7.7	0.4	27.2	29.2	74.6	28.1	
146.4	73	74.3	164.9	458.6	36	22.9	71.2	36.6	41.2	87.1	57.5	15.6	1.2	6.2	28.1	38.7	52.3	
161.1	104.7	10.9	173	389.7	37	73.4	15.1	6.7	42.2	124.1	10	0	0.9	3.4	56.5	44.8	12.6	
122.2	87.6	69.5	128.9	408.2	38	65.6	20.3	25.6	37.3	66	26.9	0.6	42	55.7	0.9	31	36.3	
164.3	72.6	113.5	68.6	359	39	10.5	31.6	44.5	16.1	8	19.4	8	88.1	29.1	2.5	41	62.2	
189	92.8	72.7	116.3	470.8	40	72.6	42.1	10.1	49.7	56.5	59.4	7.2	6.1	1.4	63.7	27.7	74.3	
162.6	54.7	38.3	91.7	347.3	41	59.2	19.5	38.5	51.2	2	21.1	1.8	15.4	2.6	32.4	19.7	83.9	
121.9	162.9	39.8	107.5	432.1	42	59.8	50.1	72.7	26.8	8	35.1	4.4	0.3	33.1	45.5	84.3	12	
95.2	88.3	30.4	125.8	340.7	43	33.9	47.6	26.3	28.8	70.7	21.7	4.2	4.5	9.9	62.1	16.3	14.7	
63.2	52.5	27.7	94.4	237.8	44	30.5	13.6	32.7	32.5	29.2	19.9	3.3	4.5	6.2	20.5	25.8	19.1	
101.5	41.2	41.3	79	360	45	59.2	16	15.3	39	24.7	35.7	4.2	1.4	1	11.4	28.8	123.3	
75.6	67.3	62.6	184.6	390.1	46	11.6	34.7	42.1	72.9	69.6	61.1	1.1	0.4	3.3	54.9	9.1	29.3	
151.1	74.7	24.5	64	314.3	47	96.9	20	18.1	7.9	38	16.1	16.1	0.4	20.8	1.8	52.1	34.2	
95.6	20.5	27.3	171.2	305.6	48	22.2	37.6	45.6	25.5	100.1	20.9	4.2	2.2	2.6	9.1	8.8	26.8	
100.9	40.9	31.5	156.6	329.9	49	14.9	51.6	71.3	59.5	25.8	26.9	0.1	4.5	18.3	9.3	13.3	34.4	
134.4	43.2	21.8	147.1	346.5	50	48.4	51	15	11.7	120.4	21.8	0	0	0	35.6	7.6	35	
92.6	110	78.8	146.7	426.1	51	32.9	31.8	49	44.2	53.5	64.2	4.2	10.4	4.4	66.9	38.7	27.9	
92.3	40.7	81.7	174.7	395.4	52	17	45.1	57.6	19.8	97.3	55.8	21.3	4.6	2	4.6	34.1	36.2	
151.1	69.6	54.7	157.4	441.8	53	37.3	101.7	64.7	33.1	59.6	53.3	1.4	0	16	18.3	35.3	21.1	
173.9	34.6	54	105.4	366.9	54	58.1	39.5	27.9	41.8	35.7	36.1	3.9	14	8.4	14	12.2	75.3	
50.5	50.4	35.4	169.2	307.5	55	5.7	10.3	31.4	84.3	53.5	26.9	3.7	4.8	0.4	11.8	38.2	36.5	
124.4	36.5	8.3	94.7	263.9	56	23.5	66.5	32	19.4	43.3	1.7	4.2	2.4	7.7	9.8	19	34.4	
95.6	71.8	35.6	123.5	326.5	57	28.8	36	40	43.4	40.1	29.8	1.3	4.5	12.8	19.9	39.1	30.8	
111.9	18.3	84	107.7	321.9	58	36.3	5.9	21.8	23.4	62.5	75	4.5	4.5	6.2	11.8	0.3	69.7	
104.5	75.4	49.5	70.8	300.2	59	68.6	13.2	8.5	34.7	27.6	32.1	8.6	8.8	9.7	28.1	37.6	22.7	
81	53.2	32.5	193.1	359.8	60	16.1	34.6	62.8	103.3	27	24.7	3.3	4.5	7.4	15.3	30.5	30.3	
97.2	36.9	24.3	76.6	225	61	27.2	22.2	30.3	18.2	25.1	17.4	2.4	4.5	15	5.6	16.3	37.8	
119.9	45.1	22.9	49.8	237.7	62	47.8	65.2	28.9	67.2	87.2	18	4.2	4.5	0	11.3	30.6	69.2	
141.1	48.2	26.9	183.3	399.5	63	47.8	42	91.3	15.9	75.2	26.9	0.2	0	7.8	22.6	5.8	28.1	
83.7	41.7	27.1	182.4	339.9	64	20.3	53.6	44.3	30.3	80.4	17	22.5	0	0.7	34.3	33.6	26.4	
147.6	75	39.5	155	417.1	65	27.1	19	34	29.8	46.1	4.9	0.4	2.9	2.2	4.9	20.6	68.5	
144.8	27.7	8.2	109.9	290.6	66	63.5	12.8	38.5	60.7	66.7	19.1	4.2	0	2.6	48.9	37.9	34.3	
98.7	89.4	23.3	165.9	367.3	67	43.7	10.7	38.5	29.6	66.7	7.2	1	6.8	11.6	7.3	28	59	
156	46.9	78.8	131.5	423.2	68	52.7	54.3	29.6	7.2	94.7	71	4.6	3.2	4.9	13	40.9	49.9	
128.6	58.8	22	191.7	411.1	69	33.4	55.3	56.5	50.1	85.1	14.2	4.6	3.2	4.9	27.2	16	27.6	
83	56.1	15.1	43.2	197.4	70	23.7	31.7	48.5	12.8	13.2	9.9	0.7	4.5	12.9	28.4	22.4	43.1	
47.7	57.1	44.7	178.1	347.6	71	17.2	7.4	17.2	78.5	51.1	33.2	0.6	10.9	6.3	23	14.6	2.2	
51	56.7	58.6	70	236.3	72	19	29.8	8.5	41.8	19.7	52.3	5.2	1.1	19.1	23	16.9	20	
46.5	21.3	38.5	89.1	336.3	73	14.4	14.1	16.5	44.3	28.3	34	0	4.5	1.2	3.2	16.9	43.7	
56	37.5	5.7	102.5	211.7	74	9.9	12.4	28.3	43.6	30.6	0.7	4.2	0.8	3.1	25.7	8.7	43.7	
99	22.8	44.6	142.5	308.9	75	17	44.5	13.4	91.9	37.2	32.6	4.6	7.4	0	2.9	19.9	37.5	
105.3	73.9	15.9	150	345.1	76	31.2	30.3	18	60.4	37.2	12.8	0.4	2.7	6.6	51.9	15.4	43.8	
125.1	114.5	62.4	180.1	341.7	77	20.7	16.3	37.6	98.8	43.7	39.9	18	4.5	11.8	20.3	0.7	29.4	
125.1	58.6	54.1	113	373.9	78	57.5	48.8	36.8	61.5	14.7	20.9	0.4	0	21.6	64.9	28	18.8	
78.8	57.5	14.5	126.6	341.2	79	49.2	21.5	25.4	42.3	58.9	41.6	11.9	0.6	0	10.6	48	31.2	
131.8	56.4	40.6	142.6	343	80	37	19.2	82.1	60	50.1	14	0.5	0	3.1	12.2	42.2	22.6	
86.9	18	77.6	99.3	391.4	81	30.7	52.5	29.5	17.5	95.6	32.2	3.9	4.5	6.3	14.6	35.5	68.6	
131.5	106.2	21.2	103.7	281.8	82	21.4	11	25.1	48.7	25.5	60.2	12.6	4.8	3.2	6	8.8	54.5	
95.3	40.8	12	110	334.6	83	39.8	34.6	33.5	34.5	35.7	13.9	7.3	0	1	36.6	68.6	29.1	
120.7	90.4	13.5	142.5	258.1	84	50.2	9.4	39.6	60.2	10.2	7.9	1.4	2.7	6.3	8.6	25.9	35.7	
				367.1	85	14.6	68.9	21.1	37.6	83.8	1.5	0.1	11.9	0	57.2	33.2	37.2	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
745	693.7	354.4	432.8	2225.9	32	316.4	294.6	211.6	138.8	82.4	84.8	189.5	180.1	152.1	45.8	495.8	134
365.3	857.7	659.7	671.7	3154.4	33	266.4	235.2	351.3	195.5	124.9	234.6	299.2	125.9	367.3	203.1	287.3	463.7
640.5	745	537.7	270.4	2193.6	34	218.8	175.2	20.2	67.6	182.6	217.9	136.7	183.1	195.4	339.2	210.4	246.5
460.4	671.4	339	286.7	1757.5	35	161.2	199.7	160.6	65.9	60.2	44.6	154.1	140.3	163	164.5	343.9	99.5
646.6	907.6	640.3	354	2548.5	36	115	183.2	109.1	136.3	108.6	199.4	210.5	231.4	397.9	214.6	295.1	348.4
761.1	678.2	491.5	236.1	2167	37	312.5	289.1	75.7	107.5	52.9	206.4	229.2	255.9	155.4	330.9	191.9	159.6
953.1	890.3	478.4	417.7	2739.5	38	312.7	480.8	209.8	147	60.9	84	243	151.4	494.8	139.5	256	159.6
475.1	920.3	642.3	389.6	2427.3	39	53.7	249.9	180.6	115	94	89.9	73.8	479.6	359.1	222.7	338.5	171.5
863.3	698.9	709.1	377.9	2649.2	40	331.9	222.4	228.8	35.5	113.6	237	193	279.1	166.4	434.3	98.2	309
803.9	1171.6	674.1	528	3176.6	41	349.2	56.7	266.4	121	140.6	112.1	173.4	388.6	355.6	358.3	457.7	397
732	987.9	392.9	381.6	2494.4	42	387.4	59.6	194.7	100.2	86.7	88	65	239.9	156.8	323.5	507.6	285
713.6	681.4	289	304.8	1988.8	43	102	212.9	176.9	25.9	102	37.6	145.7	105.7	195.5	268.3	217.6	271.4
847.2	581.9	261.7	368.1	1758.9	44	329.9	156	113.9	91	163.2	73.3	164.4	124	128.9	216.2	236.8	61.3
856.3	795.3	535.8	502	2389.4	45	217.4	156.6	236.9	182.8	82.3	157.4	197.5	180.9	140.6	491	163.7	276
882.9	1063.1	493.7	353	2690.6	46	265	241.8	127.1	79	146.9	206.2	213.2	74.3	343.6	661.5	56	239
836.5	840.4	297.4	270.2	2244.5	47	395.7	201.8	130.1	130	10.1	55.3	122.7	119.4	183.2	367.9	289.3	397
891.7	856.3	508	417.3	2773.3	48	169.9	424.8	300.5	84.7	32.1	178.2	152.6	177.2	276	304.7	275.6	397
858.8	625.9	465.6	410.6	2354.9	49	183.8	306.2	211.1	170.7	26.8	89	112.6	264	306.1	256.3	63.5	362.8
1016.6	773.2	338.1	243	2370.9	50	645.2	134.9	157.6	17.6	67.8	98.2	79.1	160.8	146.9	449.5	176.8	236.5
599.4	1041.5	782.6	353.2	2876.7	51	272.1	181.5	156.8	521.3	144.1	162	336.3	494.3	456	474.8	110.7	245.8
372.9	702.6	374.5	390.5	1840.5	52	132.4	165.5	246.3	32	112.2	205.8	57	111.7	199.4	324.9	178.3	75
605.7	842.5	225.1	426.4	2099.7	53	190.4	263.9	299.1	611.3	66	75	48	102.1	188	254.9	399.6	151.4
622.4	518	359.7	268.9	1759	54	317.6	168.7	84.9	881.8	95.2	78.6	138.1	143	222.8	163.8	131.4	126.1
696.4	837.5	426.7	449.9	2558.1	55	190.5	127.5	154.3	1041.8	65.5	40.2	180.5	111.4	299.8	86.2	368.8	253.6
721	959.5	512.4	260.3	2211.3	56	259.2	114.1	137.8	28.8	93.7	104.9	93.9	83.8	358.7	246.6	451.2	358.8
537.8	860.8	512.4	260.3	2211.3	57	259.2	114.1	137.8	28.8	93.7	104.9	93.9	83.8	358.7	246.6	451.2	358.8
739.5	968.8	518.2	356.8	2583.3	58	335.8	169.3	195.3	134.6	26.9	141.3	245.6	131.3	355.8	410.6	202.4	234.4
656.2	997.9	545.4	484.8	2714.3	59	192.3	360	165.1	65.7	254	136.7	106.2	302.5	402.7	327.9	267.3	133.9
576.2	601.7	785.6	388.7	2411.5	60	278.2	294.9	220.8	1021.9	65	137.5	274.3	373.8	256.2	150.4	169.6	161.5
703.2	709.2	288.7	423.7	2124.8	61	281.3	163.6	196.7	821.4	144.6	92.3	87.4	109	307.8	112.4	289	258.3
683.9	434.2	433.5	345.3	1896.9	62	180.6	264	130.6	116	98.7	158.1	111.5	163.9	157.5	181	95.7	239.3
893.2	664.2	683.6	473.2	2714.1	63	325.3	95.1	269.9	961.6	106.7	195.2	143.3	345.1	152.4	215.8	296	472.7
533.4	749.6	484.6	452.4	2220	64	274.4	131.8	148.4	187.4	116.6	78.1	197.2	209.3	152.2	238.3	359.1	127.2
568.9	766.6	402.7	413.7	2151.8	65	144	245.5	183.9	173.2	56.6	131.2	186.7	84.8	72.6	478.7	215.3	179.3
465.5	395.4	356	381.3	1599.2	66	112.7	121.4	201	73.2	107.1	57.1	105.1	193.8	279.8	98	18.6	231.4
620.6	645.7	520	358.9	2345.2	67	281.6	227.8	140.6	129.1	89.2	111.1	139.1	269.8	166	151	303.6	336.3
767.1	973.1	452.3	327.6	2520.1	68	463.3	113	129.5	76.1	122	190.8	65.3	196.2	306.4	349.3	317.4	190.8
879.6	711.1	270.9	303.4	1865	69	217.1	136.6	131.9	125.3	46.2	116.4	106.6	47.9	227.9	324.6	158.6	225.9
585.4	849.1	617.8	335.4	2387.1	70	235.7	177.8	167.6	63.7	104.1	52.2	250.2	314.8	288.1	378.8	182.2	191.9
848.5	943	453.5	293.5	2337.5	71	65.4	197.9	177.9	691.3	46.3	181.2	132.1	140.2	351.7	348.4	241.9	385.2
596.2	709.6	442.3	349.7	2100.9	72	278.1	129.9	127.9	60	161.8	68.6	114.3	259.4	168.9	181	359.7	191.3
601.6	752.6	443.6	321.7	2120.6	73	176.2	131.6	173.8	721.7	75.2	235.9	137.9	69.8	112.2	261.6	378.9	294.8
436.4	731.1	395.1	317.1	1929.7	74	200.8	38.6	37.1	197	83	84.3	163.4	147.4	452.3	8.4	270.4	247
553.1	916.4	469	234	2402.5	75	144.9	340.7	82.7	76.5	74.8	130.4	190.4	148.2	349.3	246.1	321	297.5
660.6	600.2	427.2	268.9	1958.9	76	193.5	223.3	74.3	62.5	132.1	127.3	91.3	208.6	224.4	272.2	103.6	140.8
635.5	701.3	445.7	426.3	2069.1	77	193.4	54	149.9	112.1	164.3	102.8	124.4	218.5	295	287.4	118.9	248.4
660.2	640.2	527.7	358.8	2191.9	78	210.3	133.6	78.9	213.2	66.7	250.5	135.7	141.5	136	176.1	321.3	321.3
439	718.9	448.5	451.1	2057.5	81	130.2	172.5	195.9	67.2	188	65.1	84.5	298.9	131.5	180.6	406.8	136.3
645.7	743.3	361.3	279.4	2029.7	82	231.8	238.8	134.6	115.9	28.9	96	162.7	102.6	170.8	322.5	250	175.1
523.2	849.5	465.1	342.6	2180.4	83	202.5	135.8	222.6	26	94	200.4	167.5	97.2	227.7	310.3	311.5	184.9
355	623.6	379.2	335.9	1693.7	84	140.8	51.4	134.6	108.7	92.6	40.8	144.2	144.2	52.4	373	198.2	162.8
935.4	748.7	500.5	353.8	2538.4	85	126.6	476.3	150.3	67.8	135.7	167.4	232.2	100.9	208.7	404.9	135.1	332.5

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
137.3	99.5	137.8	180.7	535.3	31	9.9	19.1	62.3	84.8	33.6	93.7	23.4	20.7	20	13.2	66.3	88.3
184.2	187.6	48.5	241.3	661.6	32	65.8	59.2	83.5	87.1	70.7	23.3	13.8	11.4	31.8	2.4	153.4	59.2
240.7	231.1	148.1	151.5	771.4	33	53	51.8	68.2	44.5	38.8	69.4	67.6	11.1	71.6	47.6	111.9	135.9
304.6	187.3	231.9	100.9	824.7	34	99.6	95.8	13.5	64.4	23	51.6	173.1	7.2	90.6	54.8	41.9	109.2
239.1	211.4	62.1	134.9	707.5	35	151.7	96.5	64.9	54.5	15.5	6.1	9.1	46.9	40.5	70.9	100	50.9
179.1	327.6	223.4	171.7	901.8	36	36.9	72.7	62.9	44.1	64.7	91.4	100.9	31.1	117.7	118.2	91.7	69.5
296.3	195.4	108.9	129	639.6	37	55.9	35.1	43.7	77.2	8.1	64.9	11.3	32.7	21.8	84.7	88.9	115.3
203	229.4	32.3	175.8	640.5	38	75.5	61.4	78.3	63.7	33.8	16.4	3.6	12.3	111.6	12.9	104.9	66.1
174.6	223.3	362.2	236.1	925.1	39	15.4	74.8	88.2	48	68.8	15	204.6	142.6	62	73.2	88.1	84.4
434.3	148.2	109.8	236.1	928.4	40	82	129	90.6	86	59.5	42.2	36.1	31.5	32.1	65.3	50.8	223.3
221.8	281.1	90.8	226.5	820.2	41	100.8	75.5	164.1	34.2	28.2	13.6	29.5	47.7	82.4	89	109.7	45.5
146.4	259.7	92.1	134.4	635.6	42	97.2	10.9	51.5	45.1	37.8	0.7	78.2	13.2	34.3	129	96.4	41.3
280.7	231.9	94	160	766.6	43	159.9	48.8	31.6	55.8	72.6	59.2	24.7	10.1	27	131.2	73.7	72
322.7	197.2	115.9	245.2	891	44	78.3	56	101.5	65.8	77.9	23.7	24.7	10.1	27	131.2	73.7	72
204.2	260.7	74	135	673.9	45	35.1	82.5	50.5	73.5	11	31.8	26.1	16.1	17.4	92.5	87.3	198.4
196	266.2	116.6	194.9	773.7	46	88.8	81.3	104.2	29.3	61.4	56.7	4.4	55.5	128.4	133	4.8	25.9
157.5	236	70.7	91.6	595.8	47	141.6	31.1	58.4	11.8	21.4	9.2	42	19.5	46.9	57.3	131.8	24.8
222.9	308.8	112.2	207	850.9	48	34.5	96.8	132.4	52.3	22.3	78.9	29.1	4.2	45.4	158.4	105	91.6
210.3	193.1	87.8	140.2	631.4	49	74.2	61.7	33.2	100	7	54.1	10.7	23	122	38.9	32.2	74.4
251	124.6	43.6	98.3	517.5	50	163.3	83.1	57.4	17.9	23	16.4	12	15.2	4.3	44.2	76.1	4.6
201.3	293.9	208.5	146.7	840.4	51	47	49.1	39.5	37.3	69.9	85.7	88.7	34.1	83.2	118.8	91.9	95.2
231	134.4	75.8	192.1	623.3	52	90.6	96	84	41.8	66.3	42.6	14.9	18.3	56.9	52.9	24.6	34.4
240.7	394.3	56.2	209.3	891.1	53	66.9	68	116.3	33.9	59.7	21.5	1.4	33.3	90.7	131.6	172	95.8
152.6	160.6	101.5	177.7	712.2	54	137.4	50.6	55.5	61.2	61	74.6	12.9	6	15.9	35.9	54.8	146.4
276.6	154.5	96.2	175.7	697.2	56	74.8	46.8	90.7	86.4	19.9	2.9	54.2	44.4	38	18.7	103.9	59.9
184.3	237.3	7.9	170	599.5	57	61.8	60.2	78	40.1	47.8	27.2	64.1	4.9	46.2	21.6	86.7	46.8
262.9	206.9	70.8	215.2	762.7	58	119.3	33.6	150.3	57.6	64.3	7.5	0.4	0	60.1	85.7	91.5	62.3
255.4	277.6	193.6	179.8	906.4	59	76.9	149	62.4	68.1	7.3	33.2	28.2	9.4	76.1	68.9	61.9	116.9
218	122.2	81	160.6	581.8	60	91.7	107.7	50.6	69.3	49.3	37.1	2.1	154.4	83.4	99.4	95.8	29.5
269.9	203.7	66.5	205.6	745.7	61	86.2	114.9	108.7	32.1	64.8	54.4	6	40.2	18.1	23.3	80.8	18.6
240.6	122.4	69.8	132.5	665.3	62	64	126	48.7	28.9	54.9	56.1	13.5	0.2	17.5	100	4.9	150.6
225.8	251.8	87.2	195.5	770.4	63	119.6	43.7	79.8	21.5	44.2	24.9	62	0.3	130.6	61.6	59.6	72.6
140.9	127.7	99.7	138.1	512.4	64	53.3	39	51.3	43.1	43.7	21.8	39.2	38.7	31.5	5.9	90.3	54.8
190.5	210.7	75.2	168	644.5	65	49.6	86.2	58.1	63.8	46.1	27.3	24.2	23.7	12.9	89.7	108.1	54.8
261.4	126.1	224.6	156.4	868.5	66	104.6	18.3	86.1	51.1	19.2	17.7	115.7	91.2	75.2	4.5	46.4	238.5
260.4	394.4	87.9	273.5	1012.2	67	92.5	68.5	81.8	118.8	72.9	60.3	5.8	21.8	18.7	25.4	350.3	95.4
263.2	315.2	208.4	118.6	907.7	68	82.2	48.4	57.6	45.9	15.1	83.9	22.1	102.4	80.7	171.9	62.6	134.9
164.3	236.8	77.5	201.9	680.5	69	80.6	43.3	82.9	88.6	30.4	53.3	0.5	23.7	53.3	79.6	103.9	40.4
240.9	313.9	38.5	155	805.3	70	76.5	66.8	43.2	38.1	73.7	21.5	7.1	9.9	82.2	160.8	70.9	154.6
117.5	203	124.2	261.3	706	71	8.9	31.2	68	120.3	73	23.8	51.6	48.8	55.1	60.8	53.7	77.4
196.7	306.7	217.4	128.2	759	72	31.1	31.8	29.5	61.4	37.3	92	31.5	93.9	94.2	53.7	67.8	43.8
141.3	229	51.2	182.1	613.6	73	13.2	41.9	80	52.6	59.5	36	4.3	10.9	54	74.3	100.7	86.2
187.3	62.2	79.8	189.6	519.1	74	22.2	38.1	36.9	50.7	100	22.6	15.9	41.3	8.5	17.6	36.1	127.2
201.3	241.4	113.7	132	689.4	75	60.1	71	19.7	88.7	23.6	80.9	0.3	32.5	111.4	63.7	66.3	71.2
133.6	137.2	111.6	91.8	544.2	76	120.4	41.6	27	29.6	35.2	49.4	31.2	31	12.6	82.9	41.7	41.6
191.2	162.3	135	226.9	715.5	77	52.3	28.6	88.9	88.7	49.3	61.2	60	13.8	80.6	54.9	26.8	110.4
148	246	78.2	213.6	783.8	78	106.5	29	64.2	110.1	39.3	29	7.3	41.9	107.1	113	25.9	110.5
131.4	247.1	120.7	82.4	571.6	79	37.3	58.1	19.7	54.6	8.1	31.2	69.3	20.2	49.3	121.3	76.5	26
147.2	199.6	67.1	270.2	684.1	80	51.2	42.9	81.3	96.5	92.4	29.5	4.1	33.5	67.8	56.5	75.3	53.1
133.9	189.7	64.8	134.9	503.3	81	32.7	14.3	49.5	31.6	53.8	22.6	9.6	32.6	13.4	44.1	132.2	66.9
130.8	186.3	123.2	133.4	573.7	82	42.4	42.2	53.2	60.9	19.3	13.8	26.6	82.8	13.2	70.2	102.9	46.2
156.5	249	146.6	115	697.1	83	76.5	60.9	56.3	31.8	26.9	71.3	58.7	16.6	6.4	107.1	135.5	49.1
141.2	165.1	128.3	222.5	659.1	84	37.8	62.3	70.2	111.9	40.4	37.6	21.9	68.8	3.9	14.1	147.1	43.1
152.5	333.9	94.9	87.7	649	85	47.7	44	31.5	31.9	24.3	69	16.4	9.5	36.4	208.2	89.3	46.6



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
148	13.8	307.8	806.7	38	144.4	120.3	73.2	152.1	82.5	0.1	6.9	6.8	5.6	1.6	140.8	72.4	
139.5	9.2	322.7	700.6	39	93.2	35.3	173.1	142.1	7.5	8.5	0.3	0.4	4.3	4.9	130.3	100.7	
131.1	15.5	202.8	687.6	40	128.2	77.5	62.5	109.7	30.6	15.1	0	0.4	1.2	99.7	30.2	132.5	
79.4	10.3	239.5	658.4	41	137.1	105.7	116	73.9	49.6	9.5	0.4	0.4	4.5	30.5	44.4	86.4	
349.5	6.6	236.5	928.1	42	199.9	63.5	187.1	32	17.4	4.9	0.4	1.3	7.5	110.4	231.6	72.1	
88	10.6	258.5	612.6	43	114.8	91.7	116.9	112.3	29.3	9.8	0.4	0.4	7.5	74.5	130.3	43.3	
174.5	5.7	351.1	746.9	44	116.9	55.4	110.2	159.6	81.3	4.9	0.4	0.4	7.5	36.7	63.9	107.6	
86.1	2.6	93.1	483.5	45	127.2	66.9	65.2	25.3	2.6	1.8	0.4	0.4	7.5	14.7	63.9	107.6	
41.8	10.3	360.4	663.9	46	103.6	92	96.2	137	127.2	9.5	0.4	0.4	7.4	30.9	3.5	55.8	
225.7	1.2	112.5	666.1	47	169.5	35.6	54.8	21.4	36.3	0	1.1	0.1	9.9	24.6	191.2	121.6	
123.6	4.8	399.6	837.9	48	52.5	146.3	90.5	235.6	73.5	3.8	0.4	0.6	0	32.4	91.2	111.1	
14.5	10.2	359.1	834	49	147.4	140	139.2	174.2	45.7	9.5	0.4	0.3	0.9	5.2	8.4	162.8	
220.8	6.6	478.8	1035.2	50	163.3	67	154	82.4	242.4	4.8	1.4	0.4	0	98.6	122.2	98.7	
356.5	15.3	289	1089.4	51	139.3	140.6	63.4	145	80.6	14.7	0.4	0.2	25.8	264	66.7	148.7	
34.1	28.1	391.3	1109.5	52	139	359.2	164.2	165.9	51.2	26.6	0.4	1.1	5.9	9.1	19.1	167.8	
325.1	1.5	389	1090.8	53	128.4	193.8	232.2	72.3	84.5	0.8	0.3	0.4	7.5	96.9	220.7	53	
88.2	6.4	414.6	1042.7	54	240.1	195.9	178.1	167.7	68.8	4.5	1.4	0.5	0.7	25.8	61.8	97.4	
171.7	1.1	211.7	656.9	55	27.9	63.3	84.2	61.3	66.2	0.3	0.4	0.4	4.2	0.8	166.7	181.2	
61.9	0.8	232.4	538.6	56	56.3	96.7	145.8	22.6	64	0.4	0.4	0.4	2.7	0.7	58.5	90.5	
84.9	17.3	474	860.2	57	121	74.2	148.1	58	267.9	16.9	0.4	0	2	22	60.9	88.8	
60.9	18.2	185.3	596.6	58	171.3	45.8	126.4	41.4	17.5	17.8	0	0.4	0	3.1	57.8	115.1	
96.7	35.1	296.4	615.1	59	122.7	43.4	119.8	74.7	101.9	33	1.7	0.4	12	52.4	32.3	20.8	
103.6	3	257.9	531.5	60	83.3	57.3	95	146.1	16.8	1.7	1.1	0.2	7.5	7.3	88.8	26.4	
82.1	21.4	236.3	601.3	61	70.2	70.8	115.3	115.3	46.1	20.6	0.4	0.4	0	5.6	76.5	120.5	
84.9	1.6	296.8	710.8	62	71.9	123.9	42.2	132.8	18.3	18.3	0	1.7	0.4	29.9	33.5	150.4	
63.4	2.1	193.3	605	63	209.7	159.2	94.6	359.2	170.3	7.7	3.2	0.4	11.2	108.9	50.3	54.8	
170.4	11.3	624.1	1229.5	64	34.1	185.1	217.7	64.9	15.2	3.6	0.4	0.4	7.5	0	66.1	40.9	
73.6	4.4	297.8	635.9	65	110.8	106.1	54.1	122.5	12.9	9.3	0.4	0.4	13.3	146.9	48.5	72.5	
208.7	9.7	189.5	697.3	66	150.3	43.4	83	152	61.8	0.8	0.4	0.4	48.2	51.3	1.9	117.3	
101.4	0.4	337.4	1029.9	67	119.1	138.2	112.7	100.6	124.1	0	0	0.4	14.2	74	212.9	133.7	
301.1	0.4	337.4	1029.9	68	142.2	52.1	114.5	64.1	76.4	16.4	1.5	0	7.4	30.5	99.6	333.8	
137.5	17.9	255	938.5	69	108.7	115.3	245.4	165.2	41.7	5.3	0	0.4	7.1	50.2	70.7	103.5	
128	5.7	452.3	913.5	70	90.9	85.8	53.4	33.5	19.1	9.5	1.5	0	7.5	23.1	73	50.5	
103.6	11	106	447.8	71	10	74.6	62.7	124.4	44.4	13.7	0.4	0.4	7.5	48.6	79.9	164	
136	14.1	231.5	630.2	72	62.8	85.3	86.7	136.4	174.5	13.8	0.4	1	0.8	46.4	73.8	16.4	
121	15.2	397.6	698.3	73	94.9	72.7	53.8	71.7	14.8	8.1	0.4	0.4	7.5	11.4	77.6	26.8	
96.5	8.9	140.3	440.1	74	57.6	18.5	139.9	104.9	16.5	139.9	9.5	0.4	5.8	3.6	75.4	51.3	
84.8	10.4	261.3	483.9	75	60.8	125.6	46.2	125.9	48	1.2	0.4	0.4	4	1.6	99.5	71.5	
151.1	2	220.1	585.1	76	109.1	100.2	43.2	223.8	126.5	10.7	0	0.4	7.7	120.7	23	77.4	
151.4	11.1	393.5	842.7	77	46.7	37.2	95.3	125.7	54.1	11.8	0.3	0.3	7.5	31.4	47.8	122.9	
86.7	12.8	275.1	581.4	78	122.4	141.2	85	87.8	36	12.9	0.4	0.4	7.5	42.2	6.3	206.6	
56	13.7	208.8	748.7	79	124.8	112.8	88.3	57.7	19.3	19.8	0.4	0	0.4	143.2	116.3	83.5	
259.9	20.2	165.3	766.5	80	60.1	70.2	141.2	114.4	31.1	9.5	0.4	0	0.5	16.6	83.3	32.7	
163	9.9	286.7	560	81	88.5	114.7	218.1	79	73	21.8	0.4	0.4	0	22	126.6	66.5	
148.6	22.6	370.1	811	82	68.5	106.4	101.5	154.2	128.3	11.3	1.3	2.3	0.5	37.4	58.1	21.9	
96	14.9	384	691.7	83	82.9	99.2	60.3	23.1	135.5	14.4	6.3	1.7	7.5	35.8	199.1	38.5	
242.4	22.4	218.9	704.3	84	82.9	61.5	80.3	43.7	36.1	0	0.4	0.4	7.5	51.8	136.4	33.9	
195.7	0.8	160.1	523.9	85	71.9	183.1	107.4	135.3	34.1	1.6	0	2.1	7.5	24.8	51.9	100.4	
84.2	3.7	276.8	729.8	85	81.6	183.1	107.4	135.3	34.1	1.6	0	2.1	7.5	24.8	51.9	100.4	

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
130.1	300.6	73.4	173	837.1	38	116.9	64.5	57.1	85.7	30.2	9.6	20.2	43.6	211.4	23.4	65.8	108.7
154	183.9	243.2	115.8	696.9	39	22.5	45.8	53.8	15.1	46.9	19.6	107.9	115.7	52.2	48.9	82.8	85.7
354.4	95.7	112.4	145.6	608.1	40	60.2	57.8	59.3	24.4	61.9	18.9	57.5	36	15	24.5	56.2	136.4
181.1	510.2	50.3	80.3	821.9	41	47.6	24.5	54	13.5	12.8	11.4	3.2	35.7	185.3	118.8	206.1	109
160.4	202.5	48.2	136.1	547.2	42	83.7	14.6	36.7	61.4	38	3.3	36.3	8.6	81.6	45.5	75.4	62.1
131	222.2	55.8	203.1	712.1	43	81.4	31.2	49.1	124.4	29.6	48.6	6.1	1.1	7.8	169.2	75.4	118.4
434.3	155.9	107.7	151.4	649.3	44	86.7	25.9	70.5	26.8	54.1	58.5	18.7	30.5	17	65.6	73.3	121.7
337	227	41.6	108.3	613.9	45	60.6	100.7	68.2	35.4	4.7	20.6	1.6	19.4	18.1	156.2	52.7	75.7
201.6	148	74.1	216.1	659.8	46	90.2	77.8	89.3	46.9	79.9	32.1	6.8	35.2	53.4	55.7	38.9	53.6
172.7	233.2	117.5	80.2	603.6	47	86.3	47.7	38.2	19.6	22.4	23	40	54.5	63.5	108	61.7	38.7
347.8	262.5	259	149.3	918.6	48	28.5	116.5	109.6	22	17.7	238.6	13.9	6.5	52.4	124.3	85.8	102.8
754	156.6	81.8	115.9	608.3	49	32.3	93.1	21.5	76.2	18.2	64.3	17.5	0	116.1	27.3	13.2	128.6
170.9	284.7	93.9	95	744.5	50	180.9	70.9	63.3	16.8	14.9	9.7	48.7	35.5	4	205.2	75.5	19.1
132.1	235.9	275	66.3	816.3	51	69.7	24.4	25	30.1	11.2	37.5	154.2	83.3	44.8	72.5	118.6	145
151.9	168.7	35.5	177.7	533.8	52	92.4	46.2	89.4	11.5	76.8	17.2	3.9	14.4	56.2	40	72.5	13.3
143.4	333.4	103.7	177.9	760.4	53	65.3	76	110.6	11.5	55.8	26	7.6	70.1	83.4	77	73	104.1
174.1	183.6	108.7	62.3	533.7	54	88.1	26.5	8.3	21.3	32.7	49.4	44.8	14.5	62.7	47.9	73	64.5
134	270.3	175.9	82	662.2	55	31	53	30.2	32.5	19.3	21.4	36.6	117.9	42.2	74.1	154	50
105.8	258.9	36.9	153.5	655.1	56	63.9	71.7	80.9	27.3	45.3	20.9	15	1	39.4	66.3	153.2	70.2
203.7	179.2	37.6	72.3	492.8	57	60.3	31.4	16.2	35.5	20.6	1.7	0.2	35.7	30.5	31.1	117.6	112
193.3	250.7	185.4	160.4	789.8	58	54.1	51.7	108	43.2	9.2	95.5	84.5	5.4	84.4	105	61.3	87.5
195.4	318.5	31.1	122.8	671.8	59	92.5	87.2	66.1	36.7	20	18.8	0.3	12	148.8	60.6	109.1	19.7
153.2	187.8	142.4	140.5	623.9	60	47.1	50.1	27.9	74.6	38	58.9	6	77.5	23	65.7	99.1	56
256.2	224.9	64.7	212.9	758.7	61	91.8	68.2	62.8	34.7	-115.4	19.3	28.2	17.2	109	38.4	76.5	96.2
256.4	185.2	44.3	66.8	552.7	62	41.4	93.1	26	10.3	30.5	23.1	1.8	19.4	82.2	56.5	46.5	121.9
248.6	111.2	70.8	125.5	590.1	63	103.7	42.8	83.1	34	8.4	20.6	82.6	1.6	40.6	59.1	11.5	102.1
224.7	226.7	132.6	124.5	708.5	64	95.9	67.9	27.5	30.1	66.9	13.6	21.7	97.3	102.7	22.2	101.8	60.9
191.9	264.9	76	138.9	661.7	65	56.4	69.7	51.6	56.6	30.7	35.8	29.2	11	58.7	102.9	103.3	55.8
176.1	140	94.5	185.6	696.2	66	88.8	25.2	85.7	59	40.9	37.6	5.2	51.7	70.1	17	52.9	162.1
117.2	444.3	70.8	158.1	990.4	67	147.5	72.4	54.4	70.9	32.8	31.9	0.2	38.7	78.6	200.3	165.4	97.3
147.2	281.2	236.8	54.7	919.9	68	125.3	49.3	40.7	7.4	6.6	38.2	18.1	184.2	126.2	102.5	52.5	172.6
238.7	141.8	47.9	164.7	593.1	69	119.1	49.8	46.1	79.5	39.1	34.5	9.4	0.3	40.9	32.8	68.1	69.8
269	169.3	43.4	149.8	631.5	70	74.5	43.7	43.1	31.5	75.2	8.7	4.8	29.9	46.1	93.7	29.5	150.8
211.6	278	63	108.9	661.5	71	1.8	33.3	38.2	42	28.7	7.4	32.8	22.8	42.8	157	78.2	176.5
134.1	271.6	71	74.3	551	72	71.2	25.9	21.3	34.7	18.3	14.9	10.8	45.3	82.1	116.8	72.7	37
170.8	251.6	82.4	74	578.8	73	55.4	37.9	35.4	28.6	10	15.7	32.5	34.2	58	33.4	160.2	77.5
305.6	209.9	113.6	109.4	639.5	74	50.7	31.8	24.3	26.8	58.3	10.7	29.7	73.2	98.7	51	60.2	124.1
210.7	227.7	82.2	108.3	628.9	75	55.8	54.1	17.1	53.4	37.8	36.6	4.3	41.3	66.7	91.5	69.5	100.8
177	176.8	86.3	70.5	510.6	76	83.8	46.1	10.1	33.9	26.5	31.8	35	19.5	64.6	53.3	58.9	47.1
101.5	137.1	63.6	152.6	454.8	77	94.9	4.8	92.8	36.5	23.3	15	10	38.6	72.5	45.3	19.3	67.8
115.2	197.2	89.4	113.1	617.9	78	98.3	25.1	41.2	40.3	31.6	48	5.5	35.9	66.5	91.4	39.3	98.8
149.1	221.4	135.3	32.8	538.6	79	44.5	41.7	5.1	19.7	8	20	62.5	52.8	59.6	137.9	23.9	62.9
107.9	176.2	45.1	156.1	571.8	80	69.8	39	56.7	52.7	46.7	20	1.6	23.5	52.8	27.6	95.8	85.6
130.8	119.2	73	112.7	412.8	81	57.1	16.8	20.4	39.9	52.4	5.2	26.1	41.7	13.8	27.7	77.7	34
130.8	98.1	142.1	116.8	487.8	82	76.4	29.6	60.4	36.3	20.1	12.7	26.7	102.7	38.3	38	21.8	24.8
215.9	242.5	321.2	95.2	875.8	83	134	59	41.6	29.2	24.4	83.4	181.7	56.1	15.5	131.9	95.1	23.9
105.7	200.1	357.8	121.7	785.3	84	43.3	14.9	25.1	74	22.6	34.3	98.2	225.3	5.9	75.7	118.5	47.5
250.7	177.5	60.8	79.9	577.9	85	50.7	127.9	29.7	27.3	22.9	21.7	38.6	0.5	19	104	54.5	81.1

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
105.4	54.3	71.7	172.9	404.3	31	34.7	11.1	48.6	97.5	26.8	51.6	13.6	6.5	11.5	15.2	27.6	59.6
81.8	28.1	13	131	253.9	32	33.4	45.4	32.3	78.2	20.5	6.8	0	6.2	11.5	0.7	15.9	3
132.8	92.8	47.7	116.3	389.6	33	23.4	57.2	1.25	64.2	27.1	46.1	1.6	0	34.4	12	46.4	52.2
110.4	46.7	44.7	108	309.8	34	44.1	34.7	14.1	35.8	60.1	35.4	9.3	0	12.2	23.4	11.1	31.6
151.9	154.7	21.8	97.4	425.8	35	56.8	33.2	49.5	33.3	12.6	1.4	11.9	8.5	32.6	49.7	72.4	61.9
151.2	92.6	92.2	211.7	547.7	36	50.8	51	27.7	52.3	131.7	65.4	20.6	6.2	18.7	55.3	18.6	49.4
45.7	141.6	13.1	220.5	420.9	37	7.8	5.5	22.6	71.8	126.1	2.5	0	10.6	0.6	53.8	87.2	32.4
134.4	167.9	15.9	159.1	477.3	38	36.9	14.9	30.4	88.8	39.9	1.8	11.2	2.9	102.4	11.3	54.2	82.6
167.9	120.5	63.7	174.3	526.4	39	27.7	76.6	53.1	62	59.2	46.6	4.4	12.7	44.4	23.5	52.6	63.6
140.3	109	94.5	176.8	596.9	40	72.8	83.3	57.7	54.5	64.6	89.6	2.9	2	0.5	78.5	30	60.5
134.4	95.4	51.5	149.6	436.8	41	59.3	31.5	75.3	47.3	27	15.6	13.8	22.1	3.2	34	58.2	49.5
134.4	228.4	12.5	201.2	576.5	42	93.2	27.3	76.1	25	100.1	10.7	1.2	0.6	33	85.5	109.9	13.9
189.7	73.2	51.5	121.9	436.3	43	90	35.3	22.9	33.2	65.8	24.2	19.3	8	6.2	31.4	35.6	64.4
82.9	134.8	30.8	120.8	375.3	44	34.9	29.1	55.8	32.3	32.7	24.8	4.9	1.1	17	41.2	76.6	24.9
54.3	111.3	23.8	70.2	289.6	45	27	36.4	21.9	20.7	27.6	22.8	0.3	0.7	3.9	77.2	30.2	20.9
51	58.9	60.5	237	437.4	46	13.5	22.3	73.6	64.2	99.2	47.1	5.6	7.8	15.3	27.2	16.4	45.2
161.1	94.3	59	59.4	373.8	47	89.8	34.6	11.2	7.9	40.3	27.6	21.2	10.2	23	28.5	42.8	36.7
112	27.6	53.5	156.1	349.2	48	31.2	44.9	20.5	69	66.6	41.7	5.6	6.2	0.9	7.7	19	35.9
135.5	61.4	27.5	183.6	408	49	34.3	56.9	54.6	88.4	45.7	21.3	0	6.2	16.5	35.1	9.8	44.3
135.5	53.5	29.8	257.5	490.4	50	73.5	52	59.4	81.4	121.5	24.6	3.9	1.3	0.2	22.3	31	24.1
51.6	125.9	98.9	189.5	495.9	51	18	30.8	53.5	56.4	79.6	54.4	32.5	12	10	76.5	39.4	32.8
134.5	63.8	38.9	143	380.2	52	47.2	49.2	48.3	23.2	71.5	31.7	6.1	1.1	0.2	7.1	56.5	38.1
144.7	119.2	40.9	127.7	432.5	53	32	96.1	27.6	54.1	46	37.8	2.8	0.3	26.6	24.4	68.2	16.6
131.3	35.7	48.3	126	391.3	54	68	36.6	33.2	66.1	26.7	12.5	20.8	15	2.9	0.7	32.1	76.7
91	58.5	15.6	139.5	304.6	55	19.9	26.1	44.8	49.9	44.8	8.6	0.8	6.2	3.3	20.4	34.8	45
175.4	41.1	25	54	295.5	56	46.2	87.1	28	3.8	22.2	11.6	2.8	10.6	6.3	10.9	23.9	42.1
94.9	46.6	44.4	224.7	400.6	57	21.4	42.3	50.2	52.6	121.9	42.3	2.1	0	19.1	13.8	13.7	21.2
111.1	14.2	56.4	210.2	401.9	58	54.8	21.7	54.6	91	64.6	51.8	3.2	1.4	2.4	9.9	1.9	44.6
95.4	57.4	75.8	108.8	337.4	59	47.8	21.6	17.9	37.4	53.5	64.1	10.8	0.9	18.3	14.1	25	26
136.3	62.9	31.7	218.5	449.4	60	43.7	68.8	64.6	122.3	31.6	23.5	3.8	4.4	12.4	7.1	43.4	23.8
134.4	76.5	53.2	94	348.1	61	43.3	11.1	37.8	17.3	38.9	46.8	0.2	6.2	28.2	5	70	
146.7	67.6	12.3	94.2	322.8	62	28	45.5	26.2	37.8	30.2	0	0.5	11.8	0.3	52.3	15	75.2
152.9	105.1	102.3	215.3	580.1	63	85.8	51.5	62.9	51.2	101.2	78	18.1	6.2	38.6	29.7	36.8	20.1
137.4	64.8	54.8	134.4	356.9	64	13.2	57.5	79.2	10.5	44.7	48.4	1.3	5.1	26.4	0.3	38.1	32.2
112.4	127	52.4	170.7	502.5	65	17.9	48.5	40	66	64.7	34.8	11.4	6.2	9.6	56.9	60.5	86
136.2	35	29.8	111.1	315.7	66	60.5	10.1	29	49.3	32.8	26.9	2.8	0.1	5.1	6.5	23.4	69.2
135.3	114.4	64.1	128.6	442.4	67	52.9	36.1	54.4	34	40.2	58.5	5.6	0	10.6	56.6	47.2	46.3
132.6	147.7	64.6	155.9	500.8	68	50.1	34.3	40.7	30.5	84.7	31.9	5.6	27.1	41.2	37.6	68.9	48.2
191.9	55.7	77	138.1	462.7	69	47.1	78.2	33.4	61	43.7	70.3	4.8	1.9	16.8	9.6	29.3	66.6
115	114.6	9.9	102.4	341.9	70	22.2	53.8	31.3	21.2	49.9	8.3	1.6	0	2.7	67.6	44.3	39
97.4	62	109.3	170.2	438.9	71	8.2	21.2	29.8	87.5	52.9	79.3	2.8	27.2	12.5	15.9	33.6	68
42.4	62.6	139.8	192.2	438	72	20.6	19.6	26.2	97.2	68.8	66	38.8	35	23.5	28	11.1	3.2
96.2	39.3	37.1	158.4	291	73	8.7	24	31.5	88.2	38.7	20.8	10.1	6.2	2.7	7.2	29.4	23.5
122.7	115.8	13.2	150.6	402.3	74	36.8	18.9	32.8	75.6	42.2	5.6	5.6	5.6	57.6	35.3	22.9	67
141.2	33	30.4	205.3	409.9	75	33.9	38.3	33.4	92.4	79.5	20.7	2.9	6.8	2.7	3.5	26.8	69
152.6	95.1	42.5	150.4	440.6	76	66.1	36	11.3	75.8	63.3	33.3	5.9	3.3	39.6	47.5	8	50.5
125	61.1	59.1	233.3	478.5	77	23.1	41.4	86.1	96.9	50.3	35.6	17.3	6.2	34.5	18.5	8.1	60.5
117.7	70.5	26.4	162.5	397.1	78	79.2	25.7	82.4	45.8	34.3	19.8	0.4	6.2	39	31.3	0.2	32.8
126.6	71.2	69.6	150.6	420	79	58.5	47	21.7	91.2	91.2	48	11.3	10.3	8.6	29.1	33.5	23.1
141.1	92.1	14.6	278	525.8	80	81.1	17.7	89	49.8	139.2	11.8	2.4	0.4	9.3	33.3	49.5	42.3
116.5	103.2	39.3	227.8	486.8	81	28.5	33.8	109.7	24.9	93.2	33.7	5.6	0	4.2	50.3	48.7	54.2
106.6	21.7	60.2	143.5	331	82	51.6	14.3	23.5	85.1	34.9	41.8	17.5	0.9	4.2	9.6	7.9	39.7
98.8	153.5	57.5	191	492.8	83	29.8	40.2	50.7	50.6	89.7	44.9	7.5	5.1	10.2	58	85.3	20.8
76.6	21	29.8	169	290.4	84	26.4	20	59.5	69.1	40.4	20.5	8.5	0.8	0.8	6	14.2	24.2
265.5	102.7	26.8	155.5	490.5	85	67.7	93.3	47	61	47.5	13.2	2.3	11.3	0.5	66	36.2	44.5

Kişi	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
293.2	254.2	212.6	142.8	901.8	39	14.2	60.5	110	3.3	29.5	39.2	9.4	164	76.8	50.1	127.3	217.5
393.9	185.9	202.4	214	996.2	40	65.2	76	119.3	57.2	37.5	120.6	44.4	37.4	78	40.8	67.1	252.7
189.7	279.5	122.2	172.3	759.7	41	54	43	44	26.2	102.1	35.1	84.9	2.2	96.8	80	102.7	88.7
151.6	424	174.1	77.7	827.4	42	73.4	55.8	42.3	30.9	4.5	17.6	40.3	116.2	62.8	231.2	130	22.4
202.4	678.8	53.9	157.7	1092.8	43	89.6	9.4	16.3	66.8	74.6	31	17.4	5.5	184.3	181.7	312.8	103.4
307.3	227.8	48.9	208.5	793.1	44	57.9	62.9	116	18.2	74.3	26.4	9.2	13.3	40.8	107.6	79.4	187.1
454.1	210.4	12.1	135.4	1012	45	580.7	29.6	46.3	55.3	33.8	5.8	2.1	4.2	24.1	120.9	65.4	43.8
225.4	219.5	79	91.4	615.3	46	50.5	97.4	51.3	13.7	26.4	1.3	10.3	67.4	7.8	121.6	90.1	77.5
240.9	206.8	64.4	89.6	621.7	47	95.5	88	55	23.2	11.4	31	9.6	23.8	22.8	100.4	83.6	77.4
379.5	209	129.3	160.1	877	48	77.8	169.4	70.3	72.2	17.6	101.9	0.5	26.9	1.9	122.5	84.6	131.4
142.8	238.9	138.6	184	731.3	49	28.4	50.3	88.7	74.5	20.8	81.8	54.3	2.5	197.3	9.4	32.2	91.1
245.9	330.2	36.2	181.3	816.6	50	178.7	46.7	102.3	22	57	0.5	3.9	31.8	49.8	140.9	139.5	43.5
244.3	289.5	167.2	132.3	853.3	51	85.7	54.8	66.5	32	33.8	41.2	79.7	46.3	41.4	185.4	62.7	123.8
176.4	219.2	70	89.4	657	52	105.4	110.5	46.6	3.7	39.1	48.7	3.4	17.9	70.5	47.8	100.9	62.5
249.7	204.1	43.8	116.4	669	53	127.1	119	60.1	19.7	36.6	16.5	16.8	10.5	54.7	94.4	55	58.6
242.6	313.5	33.5	83	652.6	54	105.2	70.5	27.9	27.3	27.8	1.3	4.3	27.9	160.2	26.8	126.5	46.9
245.1	160.8	43.9	146.5	788.6	55	69.3	95.9	45.3	53.9	15	15.5	32.4	33.7	35.1	53.6	234.8	104.1
157.2	152.7	48.6	122	596.3	56	63.9	113.5	109.1	24.2	13.2	30	13.4	0.5	56.8	27.8	76.2	67.7
246.2	338.6	65.3	212.8	481	57	26.4	31	37.8	37.1	47.1	26.4	7.9	14.3	31	37.1	84.6	100.3
246.9	224.4	144.7	141.5	813	58	78.4	44.4	140.2	47.2	25.4	27	11.4	26.9	215.6	89.1	33.9	73.5
246.6	128.3	90.5	128.9	717.5	59	122.3	35.1	36.4	16.2	88.9	24.4	99.9	20.4	71.6	56.5	96.3	49.5
244.8	250.3	34.1	106.5	606.3	60	134.9	52.2	48.5	40.4	40	43.7	11.6	35.2	40	27.3	61	71.5
275.6	357.4	44.3	192.3	635.7	61	72.1	69.4	51.1	8.5	46.9	24.3	8.6	1.2	113.8	96.7	39.8	103.3
301.3	267.7	52	177	969.6	62	53.6	96.8	145.8	42.8	3.7	21.9	22.1	0.3	145.1	140.2	72.1	225.2
319	235.2	60.3	124	998	63	179.1	102.2	120.3	40.3	16.4	1.6	49.9	0.5	57.1	178.2	32.4	220
245.4	306.9	50.5	178.9	638.5	64	33.4	86	46.7	39.7	37.6	16.1	6.9	37.3	147.3	1.5	86.4	99.6
235.4	97.4	83.5	123.9	762.7	65	31.4	112.6	58.3	99.6	21	6.2	30.3	17.2	59.3	111.3	136.3	82.4
250.4	205	29.1	126.4	580.2	66	94.2	25.5	81.5	29.3	13.1	16.8	9.4	2.9	14.5	17.3	65.6	155.7
413.9	374.6	103.6	151.9	610.9	67	131.9	52.8	59.7	34.7	32	23.2	1.7	78.7	70.3	60.2	74.5	65.7
240.4	91.1	78.4	148.7	1040.9	68	165.1	54.1	68.2	42.7	41	45.3	6.2	26.9	216.9	54.9	102.8	191.6
240.3	279.3	84.9	190.7	682.6	69	148.7	42.7	68.2	75	47.5	45.3	6.2	26.9	8.6	29.8	52.7	131
210	202.4	59.1	196.1	904.4	70	94.5	117.7	80.9	63.8	37.6	27.6	32.2	25.1	94.2	94.3	90.8	145.7
189	302.2	173.3	69.8	667.6	71	51.5	54	121.9	24.2	50	20.2	16.8	22.1	21.1	118.5	62.8	104.5
242.9	232.4	37.1	133.2	653.3	72	44.7	31.9	11.7	32.7	25.4	68.1	30.5	74.7	122.6	105.4	74.2	31.4
274.8	101.4	158.9	191.1	585.6	73	55	45.5	45.3	43.8	44.1	11.5	12.5	13.1	6.9	155.7	69.8	82.4
247.2	226.8	175.2	180.8	725.9	74	66.5	60.5	65.6	34	91.5	7.8	23.4	127.7	20.7	29.9	50.8	147.5
247.1	191.4	206.4	60.6	785	75	109	38	75.7	25.6	79.5	61.2	2.5	111.5	22.3	124.1	80.4	55.2
247.8	211.5	97.8	115.8	670.5	76	52.1	14.5	18.5	27.7	14.4	33.2	71.2	102	59.3	48.3	145.5	125.9
247.8	279.1	197.9	165.9	623.3	77	49.9	22.4	48.2	58.2	9.4	35.1	47.7	15	59.3	31.6	120.6	140.5
247.9	302.5	164.8	104.2	960.8	78	108.9	68.5	53.7	84.4	27.8	28.1	5.8	164	70	162.8	46.3	140.5
323	398.4	62.6	226.4	768.4	79	94.5	42.6	6.5	70	27.7	9.8	85.8	69.2	36.7	135.6	130.2	59.8
240.1	357.4	138.4	191.9	1210.4	80	209.2	91.1	148	45.4	33	8	19.8	34.8	76.5	72.6	249.3	222.7
247.9	88.3	82.1	333	1696.8	81	383.2	221.2	98.4	15.1	78.4	26.4	98.3	13.7	117.3	66.4	173.7	404.7
247.6	440.2	186.6	125.4	919.3	82	181.8	77.4	113	156.7	63.3	11.2	48.5	22.4	1.2	58	29.1	156.7
247.7	228	153.2	147.5	1109	83	225.8	87.4	5.5	77.2	42.7	95.2	37.2	54.2	73.1	130.6	236.5	43.6
245.5	549.7	26.7	110.2	691.4	84	101.6	28.4	63.2	67.7	16.6	29.7	51.7	71.8	0.2	83.2	144.6	32.7
245.5				1052.1	85	195.4	83	24.6	58.4	27.2	15.3	8	3.4	30.9	396.3	122.5	87.1



Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
174.1	60.1	59	176	471.2	50	123.6	38.7	73.2	22	80.8	55.3	2	1.7	18.3	30.3	11.5	13.8
113.7	114.6	110.5	187.5	526.3	51	34.2	24.5	42.1	48.7	96.7	37.8	5.5	67.2	21.6	63.1	29.9	55
142.6	73.3	27.4	210.6	460.9	52	65.9	66.3	87	43.6	80	20.8	4.9	1.7	16.2	13.7	43.4	17.4
140.2	112.6	59.7	143.9	456.4	53	44.9	68.7	43.5	38.1	62.3	47.1	6.3	6.3	27.2	26.5	58.9	26.6
175.2	37	31.3	132.6	379.1	54	79.6	31.8	39	41.7	51.9	17.4	6.3	7.6	8.6	10.2	18.2	66.8
106.8	74.7	24.4	149.3	357.2	55	25.3	46.4	38.7	79.8	30.8	0.3	18.8	5.3	12.2	24.4	38.1	37.1
155.2	60.1	87	69.4	371.7	61	58.6	6	36.3	13.1	20	75.3	8.1	3.6	19.8	4.9	35.4	90.6
563.5	65.3	9.8	101	379.6	62	44.3	67.1	19.2	40.6	41.2	8.7	1.1	0	14.5	40.8	10	92.1
100.3	108.6	54.5	154.4	516.8	63	100.9	41.2	50.7	53.4	50.3	46	7.5	1	33.7	51.6	23.3	57.2
186.3	61.3	40.3	173.9	381.8	64	12.5	36	50.6	46.2	77.1	37.5	2.5	0.3	11	7.4	42.9	57.8
111.8	92.8	28.6	118.6	350.8	65	9.8	23.1	27.9	42.1	48.6	19.4	5.6	3.6	7.1	25.8	59.9	77.9
104.4	59	63.6	134	446	66	72.3	14.1	40.4	58.1	35.5	26.8	32.4	4.4	19.4	0	39.6	103
103.3	167	44.8	144.5	479.6	67	56.2	22.9	48.3	32.7	63.5	38.4	6.3	0.1	50.1	36.7	80.2	44.2
155.4	87.3	47.9	148.1	449.7	68	82.1	39.6	69	22.6	56.5	28.7	1.2	18	32.8	28.8	25.7	44.7
156.5	68.3	57.6	103.4	375.8	69	38.4	54.2	23.1	47.3	33	47.7	6.3	3.6	18.3	8.7	41.3	53.9
173.3	91.9	35.6	96.3	389.1	70	25	82.7	25.9	19.3	51.1	34.7	0.9	0	17.1	34.4	40.4	57.6
121.3	81.5	41.7	229	445.5	71	6	18.4	42.1	104.5	82.4	34.1	6.6	1	9.7	29	42.8	68.9
85.4	77.3	116.5	132.8	382	72	24.4	21.9	11	85.2	36.6	93.1	22.9	0.5	19.3	41	17	9.1
51.8	44.3	35.9	181.4	315.4	73	7.8	10.5	33.9	67.9	79.6	34.8	1.1	0	7.5	8.5	28.3	35.5
116.2	53.1	16	148.6	333.9	74	15.7	3.8	37.9	60.8	49.9	2.6	8.3	5.1	24.2	9	19.9	96.7
98.4	34.3	52.5	157.8	333	75	18.2	29.7	31.1	83.7	43	50	0.5	2	4.9	9.5	19.9	40.5
130	99.2	92.4	100	411.6	76	69.6	18.4	16.6	25.4	58	79.6	5.4	7.4	19.1	67	13.1	32
82.4	70	86.3	208.8	427.5	77	23.4	14	86.3	72.4	50.1	61.8	24.5	0	15.7	31.1	23.2	25
155.8	72.5	31.8	145.9	416	78	75.5	45.3	45.2	77.5	23.2	28.7	68.5	0.1	37.2	34.3	1	45
81.9	114.6	114.1	86.3	496.9	79	116.4	47.6	6.9	30.7	48.7	22.6	2.7	23	32.3	25.9	56.4	17.9
113.2	100.6	18.8	215	447.6	80	71	19.4	67.8	51.6	95.6	9.3	6.3	3.2	18.8	25.7	56.1	22.8
104	108.8	32.5	198.6	443.9	81	39.6	18.7	85.4	47.9	65.3	28.8	2.7	1	14.4	34.1	60.3	45.7
124.9	22.7	50.1	149.2	346.9	82	54.2	32.1	24.6	70.2	54.4	31.6	10.8	7.7	2	12.9	7.8	38.6
182.6	190.3	66.7	150.2	510	83	25.8	55.5	17.8	23	109.4	42.1	17.3	7.3	12	74.4	103.9	21.5
75.4	20.9	29.1	183.9	313.3	84	28.8	28.3	33	101.4	49.5	16.1	5.9	7.1	0.7	2.5	17.7	22.3
179.7	191.7	29.8	134.1	535.3	85	58.6	68.1	32.9	49.3	51.9	14.5	1.3	14	18.3	141.1	32.3	53

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
314.9	310.6	119.3	217.4	862.2	31	71.4	17.3	93.9	99	24.5	34.5	18.6	66.2	42.8	95.5	172.3	126.2
227.6	277.1	166.8	179.3	850.8	32	76.1	85.4	32.4	99.4	47.5	30.8	106.7	29.3	25.3	11.6	240.2	66.1
305	394.1	173.8	174	1046.9	33	97.9	93	70	54.4	49.6	77.9	75.2	20.7	142.9	90	161.2	114.1
205.7	268.7	140.2	99.9	715.5	34	42.8	41.5	15.1	44.7	40.1	74.7	14.2	51.3	62.3	124.3	82.1	122.4
109.9	0	152.4	175.5	437.8	35	39.4	70.5	66.1	74.1	31.3	66.4	186	0	0	0	0	0
295.3	217.7	62	138	717	38	73.5	187.2	43.1	75.4	19.5	11.1	12.3	38.6	95	45.6	77.1	38.6
162.4	247.8	153.3	153.3	716.8	39	18.7	66.9	61.7	51.4	40.2	66.8	58.7	27.8	76.1	101.3	70.4	76.8
304.7	320.8	238.6	173.2	1037.3	40	109.8	88.3	81.2	27.7	64.3	106	90.5	42.1	66.3	200.5	54	106.6
349.4	432.9	231	298.3	1211.6	41	112.6	38	139.3	60.3	98.7	43.6	58.2	129.2	138.9	122	172	98.8
337.1	373	75.2	219.8	1005.1	42	248	21.6	79.2	62.8	77.6	3	22.4	49.8	33.1	192.4	147.5	67.5
252.4	197.8	70.6	124.4	655.2	43	69.5	45.3	55.9	26.1	42.4	16.3	51	3.3	32.9	66.3	98.6	147.6
233.2	212.3	54.2	187.1	666.8	44	104.9	90.2	66.7	61.6	58.8	36.7	12.1	5.4	88.3	46.9	77.1	18.1
194.4	303.4	106.4	79.4	673.6	45	51.3	33.1	43.2	0	36.2	80.2	3.7	22.5	21	251.8	30.6	100
324	395.4	132.6	181	1023	46	225.2	78.5	50.2	38.4	92.4	57.2	67.6	7.8	89.9	269.3	26.2	20.3
205.4	308.8	136.9	85.2	736.3	47	94.4	33.8	32	30.1	23.1	24.1	20.7	92.1	67.6	119.4	121.8	77.2
338	271.7	107.6	130.2	747.5	48	58.1	90.7	77.4	37.1	15.7	70.8	24.5	12.3	44.4	88.7	138.6	89.2
344.1	227.4	171.8	134.5	877.6	49	70.3	120.2	29.4	84.5	20.6	32.1	31.1	108.6	139.9	73.3	14.2	153.6
431.7	379.3	115.1	150.8	977.9	50	350.1	57.5	59.2	19.6	72	85.2	7.8	22.1	18.4	183.7	77.2	25.1
304.7	306.8	249.9	179.6	1041	51	140.3	35.4	43.3	31.6	104.7	42.8	44	163.1	68.6	161	77.2	129
202.2	270.4	68.1	139.4	680.1	52	58.4	104	46	20.8	72.6	24.1	38.2	5.8	153.7	82.7	34	39.8
260.9	474	128.2	147.8	1010.9	53	89	141.1	53.9	48.8	45.1	38.9	62.1	27.2	119.8	78.9	275.3	30.8
142.9	90	201.5	132.1	573.5	54	81.9	37.3	38.9	57.1	36.1	38.9	26.5	94.8	41.2	39	9.8	30.7
189.2	190.3	65.9	166.9	612.3	55	9.9	20.2	50.6	78.1	38.2	15.3	37.1	13.5	51.3	13.1	125.9	159.1
270.9	339.6	103.1	149.2	862.8	56	89.6	90.9	64.1	22.6	62.5	61.5	11.3	30.3	103.5	84.7	151.4	90.4
160.7	313.9	81.5	122.4	678.5	57	78.4	33.2	36.9	31.1	54.4	46.4	28.5	6.6	74.9	114.6	124.4	49.1
216.2	313.3	181.5	190.4	901.4	58	73.2	40.3	84.5	82.6	23.3	79.9	63.9	37.7	52.5	88.1	172.7	102.7
225.6	372.3	106	258.4	1022.3	59	64	166.6	81.2	28.8	148.4	61.4	12.1	32.5	114.2	188.2	69.9	55
223.3	141.8	104.4	167.4	636.9	60	54.6	124.8	18.3	107.8	41.3	70.1	18.7	15.6	84.2	18.6	38.5	43.9
181.6	239.6	123.6	177	721.8	61	63.6	44	90	29.4	57.6	38.4	48.4	36.8	44.7	31.5	163.9	74
270.9	248.4	68.6	148.1	736	62	48.5	94.6	25.2	27.2	95.7	35.4	20	13.2	56.3	134.5	57.6	127.8
224.1	292.5	174.6	216	907.2	63	118.9	27.8	106.9	63.6	45.5	73.4	41.2	60	143.6	91.6	57.3	77.4
194.2	232.7	111.4	204.4	742.7	64	87.9	28.9	74.7	65.1	64.6	25.2	50.7	35.5	22.3	82.6	127.8	77.4
124.1	409.7	137.1	204.6	875.5	65	36.3	55.6	94.7	80.4	29.5	93	18.7	25.4	50.3	29.3	66.4	32.2
150.2	200.9	136.4	166.2	653.7	66	50.8	34.9	61.2	53.5	51.5	48.3	22	66.1	149.8	28.8	22.3	64.5
255.1	168.1	155.5	140	819.7	67	109.9	120.1	18	64.6	57.4	43.9	31.1	80.5	29.6	55.5	83	126.1
347.4	262.3	119.6	160.6	789.9	68	131.7	30.6	69.6	42.5	48.5	51.1	13.9	54.6	64.4	174.9	23	85.1
185.8	276.5	98.9	186.9	751.1	69	62.3	39.3	54.4	97.4	35.1	54	32.1	12.8	39.6	171	65.9	87.2
149	309.3	120.6	156.4	735.3	70	58.2	42.4	59.9	52.8	43.7	8.1	25.4	87.1	116.3	107.8	85.2	48.4
223.9	437.6	94.2	145.3	911	71	12.8	81.7	76.8	47	21.5	56.4	22.4	15.4	85.6	243.4	108.6	139.4
226.5	212.5	160.9	76.1	576	72	34.4	31.5	14	30.4	31.7	46.4	63.2	51.3	49.5	58.2	104.8	60.6
233.5	362.6	110.7	168	874.8	73	70.7	28.8	80.9	70.7	16.4	56.1	28.2	28.2	56.3	110.5	201.8	133
172.2	236.2	52.9	162.1	623.4	74	51.9	10.6	23.4	68.9	69.8	1.9	13.6	37.4	139.4	3.7	93.1	109.7
248.1	271.3	86	100.5	697.9	75	24.9	120.9	24.3	38.3	37.9	21	12.9	52.1	94.7	94.3	82.3	94.3
244.5	183.7	106.3	114.2	648.7	76	118	91.8	30.2	30.4	53.6	29.2	14.5	62.6	62.7	101.9	19.1	34.7
221.4	282.6	147.8	199.8	851.6	77	31.6	15.9	75.9	72.8	51.1	62.5	60.4	24.9	147.6	47.8	47.8	173.9
224.3	234.7	165.8	176.5	811.3	78	74.9	27.2	55.3	93.6	27.6	110.9	23.5	31.4	36.6	72.2	125.9	132.2
252.6	202.4	121.8	191.3	785.1	79	157.7	65.9	50.5	56.2	84.6	67.2	51.8	2.8	56.5	109.2	36.7	46
261.7	175.5	108.1	160.3	705.6	80	126.1	37.7	25.9	75.9	58.5	7.2	14.2	86.7	51.3	30.8	93.4	97.9
152.2	300.7	131.5	190.4	691.8	81	13	22.7	75.3	48.3	66.8	21.6	44	65.9	49.4	104.9	146.4	33.5
165	306.5	239.9	133.9	845.3	82	51	42.4	53.4	55.5	25	52	118.4	69.5	48.3	154.5	103.7	71.6
230.2	313.1	137.6	154.4	835.3	83	138.4	43.4	71.9	24.8	57.7	67.7	46.1	23.8	49.2	88.3	175.6	48.4
40.8	198.1	115.8	218.3	632	84	22.4	56.5	68.1	101	49.2	38.4	12.5	64.9	7.7	130.8	59.6	20.9
242.3	286	149.1	122.2	849.6	85	28.6	141.7	13.9	35.9	72.4	109.4	26.8	12.9	80.1	158.3	47.6	122

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
229	31.5	2.8	168.7	432	31	108.3	82.4	55.3	96	17.4	2.8	0	0	0	8.1	23.4	38.3
86.4	25	0	46.2	157.6	32	35.7	50	30.3	13.2	2.7	0	0	0	4.9	0	20.1	0.7
274.9	16.7	6.6	117.9	416.1	33	60.7	108.5	69.6	36	12.3	1.4	5.2	0	5.6	0.8	10.3	105.7
15.1	151.1	3.1	84.3	354.6	37	75.6	6.4	14.2	59.6	10.5	1.3	1.8	0	0	47.8	103.3	34.1
430.4	123.1	4.2	36.6	584.3	38	266.8	82.7	21.2	10.4	5	1.1	3.1	0	0.5	2.7	119.9	70.9
21.4	76.4	3.3	169.8	440.9	39	75	45.3	113.1	55.6	1.1	2.7	0	0.6	0	0	76.4	71.1
317.1	121.8	0	96.7	535.6	40	178.5	50.2	45.5	43.8	7.4	0	0	0	0	82.9	38.9	88.4
282.4	43.2	0	95.3	420.9	41	66.7	105.7	80.4	14.9	0	0	0	0	0	20.5	22.7	110
327.6	125.6	0	100.5	543.7	42	168.8	58.4	90.4	6.5	3.6	0	0	0	0	18.6	107	90.4
323.3	63	2.6	109.3	508.2	43	206.5	83.5	54.6	43.3	11.4	2.6	0	0	0	56.7	6.3	43.3
229.3	79.4	0	162.1	494.8	44	127.6	30	60.9	61.8	39.4	0	0	0	0	22.1	57.3	95.7
42.3	20.7	6.8	50.9	340.7	45	175.9	35.3	38.4	12.3	0.2	6.8	0	0	0	0	20.7	51.1
323.1	73	2.8	183.1	462	46	32.1	132.9	37.1	99.4	46.6	0	2.4	0	0	72.1	0.9	38.1
256.3	60.2	0	37.5	354	47	160.7	30.5	30.3	5.7	1.5	0	0	0	6.3	3	50.9	65.1
234	47.8	1.4	155.2	438.4	48	85.8	88	26.4	112.4	14.4	1.4	0	0	0	8.6	39.2	60.2
321.8	0.1	0	209.2	521.1	49	56	46.1	138	44.4	26.8	0	0	0	0	0	0.1	209.7
125.9	34.6	1.6	321.4	527.5	50	63.9	41.9	158.8	84	78.6	1.6	0	0	0	11.5	23.1	64.1
222.2	84.5	2.7	135.9	425.3	51	84.4	26.2	59.8	60.8	15.3	2.7	0	0	0.2	67.2	17.1	91.6
220.4	59.1	9.2	161.7	460.4	52	43.1	151.7	69.9	32.1	59.7	9.2	0	0	5	8.8	45.3	35.6
224.5	91.3	0	253	548.8	53	54.4	80	146.3	100.9	5.8	0	0	0	0	19	72.3	70.1
449.1	72.7	4.8	264.3	790.9	54	153.5	135.7	90.1	170	4.2	0	4.6	0	0	11	61.7	159.9
335.9	69.3	1.3	120.3	426.8	55	27.1	48.7	49	62.1	9.2	1.3	0	0	1.6	11.2	56.5	160.1
207.2	53.6	8.3	79.8	348.9	56	59.4	78.1	51.3	10.7	17.8	3.6	0	4.7	0.7	5.4	47.5	69.7
223.8	75.6	11.6	226.4	537.4	57	60.5	64.4	88.2	32.6	105.6	11.6	0	0	0.7	1.6	73.3	98.9
226.4	19.3	23.3	59.5	374.5	58	175.3	22.9	33	13.7	12.8	23.3	0	0	0.7	1.6	17	74.2
146.9	52.5	9.2	115.3	323.9	59	73	33.3	28.9	61.3	25.1	9.2	0	0	0	43.7	8.8	40.6
229.4	72.7	4.8	264.3	790.9	60	246.2	18.3	48	48.6	10.8	1.3	0	0	0.7	1.6	50.1	24.9
325.6	60.9	9.8	114.6	544.9	61	101.2	100.2	37.4	39.8	37.4	9.8	0	0	0.7	11.3	48.9	158.2
236.1	21.7	0	66.4	424.2	62	69.5	127.4	11.3	40.7	14.4	0	0	0	0.7	12.9	8.1	139.2
225.3	57.7	5	339.4	655.4	63	112.3	69.2	75.7	151.6	112.1	0.5	4.5	0	0.7	24.6	32.4	71.8
220.8	93.7	0	132.2	463.7	64	37.2	102.9	110.7	10.3	11.2	0	0	0	0	11.2	82.5	97.7
323.9	76.1	0	101.4	491.4	65	94.5	137.9	69.5	31.2	0.7	0	0	0	0.7	42.8	32.6	81.5
225.2	58	1.3	72.9	337.4	66	94.2	8.4	42.8	29.2	0.9	1.3	0	0	10.7	5.2	42.1	102.6
223.4	163.6	0.7	244.7	787.4	67	131.2	138.1	101.6	31.6	111.5	0	0.7	0	4.4	79.4	79.8	109.1
326.9	79	9.9	132.5	618.3	68	153.4	72.5	41	23.8	67.7	9.9	0	0	0	21.6	57.4	171
410.6	177.3	0.9	188.7	777.5	69	325.5	40.2	125.9	50.9	11.9	0.9	0	0	0	152.7	24.6	44.9
164.1	24.8	0.4	66.3	255.6	70	79.3	37.3	60.5	5.5	0.3	0	0.4	0	0.7	2.7	21.4	47.5
300.5	75.6	1.2	334	533.5	71	5.7	34.6	86.5	235.6	11.9	0	0	1.2	0.7	0	0	0
300.3	36	13.8	260.1	410.2	72	65.8	34.4	75.4	106.9	77.8	13.8	0	0	0.1	16.6	19.3	0.1
319.5	52.7	0.4	46.7	219.3	73	37.5	23.7	30.5	13.4	2.8	0.4	0	0	0.5	52.2	58.3	83.6
253	18.2	10.5	179.8	461.5	74	130.5	38.9	151.5	26.6	1.7	1.3	0	9.2	2.4	3.3	12.5	83.6
313.7	74.7	1.3	79	468.7	75	31.9	146.7	14.6	61.9	2.5	1.3	0	0	0.7	70.3	135.1	128
323.3	108.8	0	289.2	696.3	76	83.3	87	86.1	112.9	90.2	0	0	0	0.1	84.4	24.3	146.7
229	15.5	0.5	130.6	375.6	77	18.8	63.5	60.1	44.8	25.7	0.5	0	0	0.7	10.4	0.7	84.5
240.7	11.8	2.8	71.5	346.8	78	94.8	81.4	31.8	31.4	8.3	2.8	0	0	0.7	73.8	88.6	84.6
253.3	163.1	1.6	71.2	489.2	79	102.5	66.2	54.6	10.8	5.8	0.3	0	0	0.7	2.3	17.6	112.2
260.9	20.6	5.4	175.1	462	80	41.8	106.9	95.8	52.9	26.4	3.5	0	0	0.7	14.8	56.1	107.2
263.3	71.6	5	176.5	522.4	81	65.7	96.4	96.6	20.7	59.2	5	0	0	0.7	4.7	31.8	49.1
225.3	38.5	4.5	169.6	348	82	43	43.3	44.7	69.7	55.2	4.5	0	0	2	4.7	45.8	44.7
225.3	47.9	3.1	233.5	509.8	83	91.3	89.3	104	39.5	90	3.1	0	0	0.7	1.4	45.8	44.7
116.4	95.5	0.3	168.3	382.5	84	54.1	21.9	130.9	32.1	5.3	0.3	0	0	0.7	7	87.8	42.4
302.5	51.8	1.3	108.4	464	85	106.1	97.7	36.7	66.9	4.8	1.3	0	0	0.7	15.1	36	98.7

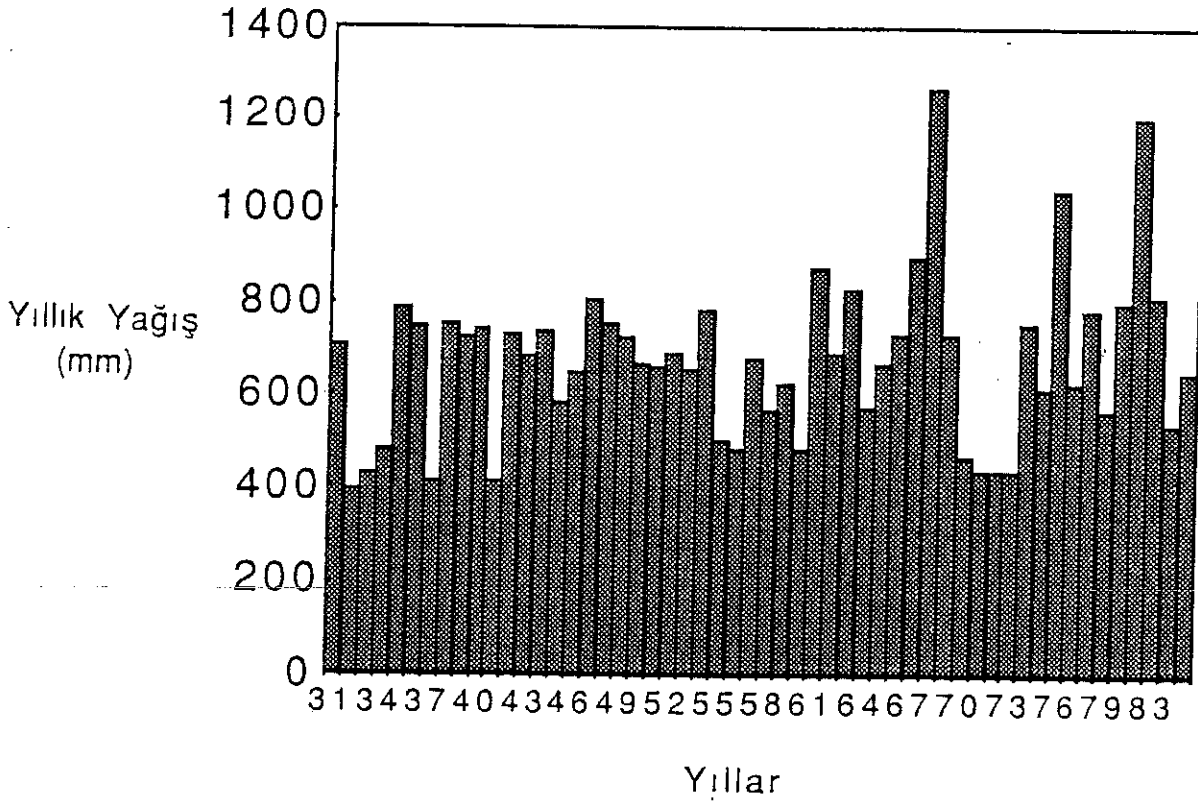


Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
160.5	68.5	22.3	253.5	604.8	31	108.7	45.1	84.5	84.1	84.9	11.5	0.2	10.6	40	8.6	19.9	106.7
127.9	103.6	3.8	125.3	360.6	32	53	72.2	79.9	28	17.4	3.8	0	0	1.8	12.3	89.5	2.7
152.2	73.8	69.9	183	577.9	33	66.4	55.9	51	53.5	78.5	48	15.4	6.5	2.6	10.2	61	128.9
114.1	59.4	45.1	108.6	327.2	34	40.7	27.9	25	8.3	75.3	40.8	0.3	4	5	12.9	41.5	45.5
140.4	121.8	22.3	110.9	595.4	35	117	108.1	78.6	30	2.3	2.6	0.8	18.9	37.3	35.1	49.4	115.3
144.6	155.7	51.7	187.1	639.1	39	62	20.2	156.3	6.7	24.1	35.9	4.8	11	62.7	55.4	37.6	162.4
157	86.6	26.1	177.7	687.4	40	105.8	61.5	24	45.1	108.6	20	6.1	0	5.3	44.9	36.4	229.7
158.6	152.9	30.3	90.8	532.6	41	97	95.1	26.8	39.5	24.5	28	2.3	0	7.3	63.7	81.9	66.5
119.6	183.1	91.2	122.8	641.7	42	147.5	58.9	51.5	59	12.3	13.7	1.1	76.4	28.2	42.3	112.6	38.2
139.4	143.8	47.2	162.2	603.6	43	110.3	22	16.7	46.2	99.3	31	2.9	13.3	20.3	55.3	68.2	118.1
151.1	112.7	34.7	163.3	575.8	44	48.4	155.9	105.5	44.7	13.1	20.2	0.6	13.9	2.5	56.9	53.3	60.8
137.5	93.8	28.8	50.5	409.6	45	117.7	34.8	32	18.5	0	7.6	16.9	4.3	5.3	30.3	58.2	84
137.6	106.9	66.3	219.9	650.7	46	19.8	109.4	73	42.3	104.6	63.4	2.9	0	8.2	55.9	42.8	128.4
152.3	76	69.8	72.9	512	47	89.5	69.8	35.7	11.9	25.3	18.9	28.7	22.2	0.9	21.2	53.9	134
162.4	39.1	14.5	132.9	447.9	48	104.2	104.2	57.9	30.4	44.6	14.5	0	0	1.8	17.2	20.1	65.6
135.4	79.6	15.4	205.4	489.8	49	38.8	56.6	135	47	23.4	10.1	0.4	4.9	4.7	12.8	62.1	94
152.3	98	32.3	229.9	484.1	50	59.9	18.9	61.7	51	117.2	32.3	0	0	9.8	24.9	63.3	45.1
157.3	173.1	31.7	214.9	577	51	63.9	46.4	145.2	42.8	26.9	17.1	10.8	3.8	2.5	90.6	80	47
147	207.4	108.7	123.3	686.4	52	70.3	99.1	54.2	17.2	51.9	55.7	48.4	10.5	9.4	50.7	147.3	77.6
161.2	41.6	66.6	121.7	512.1	53	122.8	111.1	28.5	4.6	88.6	56.1	0	10.5	10.1	10.1	21.4	48.3
113.6	51.5	10.3	177.2	552.6	54	110.8	98.7	75	53.2	49	5.1	0	5.2	12.6	14.5	24.4	194.1
133.1	254	103.9	125.9	615.9	55	52	43.5	25.3	65.5	35.1	24.3	75.8	3.8	52.6	82.7	118.7	36.6
168.9	28.8	19.2	85	341.9	56	38.3	136.9	34.3	11	39.7	3.9	4.8	10.5	1.1	8	19.7	33.7
133.3	87.5	36.6	172.7	420.1	57	25.5	39.4	41	29.9	101.8	29.3	3.7	3.6	10.4	14	63.1	58.4
169.4	108.4	84.7	478.7	841.2	58	76	50.6	98.7	48.8	331.2	58.8	15.4	10.5	54.8	35	18.6	42.8
159.6	126.6	68.1	82.9	528.2	59	159.1	8.3	8.8	25.2	48.9	24.3	18.9	24.9	4	39.3	83.3	83.2
134.1	77.7	73	154.4	639.2	60	90.8	63.3	59.6	47.3	47.5	62.6	2.8	7.6	17.8	24.8	35.1	180
151.1	59.4	33	63	346.5	61	65.2	60.8	14	47.1	1.9	31.3	1.7	0	1.4	37.3	20.7	65.1
134.1	129.5	37.1	148.3	649	62	52.8	70.3	81.7	41.7	24.9	14.4	0	22.7	33.5	33.5	64.5	211
146.1	70.2	80.7	230.5	629.5	63	115.8	86.2	61.2	73.7	95.6	41.6	37.8	1.3	1.9	54.7	13.6	46.1
133.8	92.6	56.9	171.2	524.5	64	5.4	56.4	119.8	17.6	43.8	44.6	1.8	10.5	43.3	0	49.3	142
169.6	107.2	4.6	243.8	625.4	65	43.7	139.7	62.2	103.6	78	1.1	2	1.5	10.1	17.1	80	86.4
115.1	106	43.5	208	672.7	66	190	16.6	103.6	71.5	32.9	6.4	35.4	1.7	36	11.6	58.4	108.6
136.2	76.5	34.5	148.5	454.7	67	69.7	37.1	34.7	83.1	30.7	7.9	17	9.6	36.1	21.3	19.1	88.4
127	77.3	81.7	133.3	612.3	68	163.4	56.9	95.1	15.7	22.5	62.8	4.8	14.1	23.2	10.9	43.2	99.7
144.5	67.1	94.1	166.2	741.9	69	122	111.6	60.7	60.6	44.9	27.3	56.3	10.5	1	25.6	40.5	180.9
153.7	95.2	20.5	86.3	453.7	70	88.4	100.8	31.9	31.8	22.6	12.8	5.3	2.4	6	33.9	53.3	64.5
139	154.6	141.2	205.3	690.1	71	50.4	77.7	84.4	25	95.9	43.7	31.9	65.6	23.5	41.2	89.9	60.9
166.6	128.5	125.5	102.1	495.85	72	22.4	38.3	17.5	42.3	42.3	95.8	24.3	15.4	4.6	87.7	36.2	79.05
126	60.5	50	161.8	488.3	73	19	119	55.3	47.7	58.8	24.4	15.1	10.5	3.5	37.2	19.8	78
122.2	102.2	25.1	167.6	494.7	74	33.5	100.8	64.2	48.5	54.9	8.7	0.3	16.1	31.4	20	50.8	65.5
170.8	156.9	69.3	212.5	609.5	75	45.5	36.6	77.5	44.3	90.7	30.9	28	10.4	32.1	21.1	103.7	88.7
113.7	98.1	27.7	180	519.5	76	96.8	36.8	28	106.6	45.4	17.5	6.2	4	10.1	72.9	15.1	80.1
161.5	105.8	29.5	105.6	402.4	77	50.9	58.2	34.4	57.7	13.5	25.3	3.5	0.7	32.1	34.5	39.2	52.4
141.6	165.2	23.9	138.8	671.5	78	129.9	155.9	59	65.9	13.9	8.6	4.8	10.5	53.3	94.9	17	57.8
135.2	101.8	67.2	134.6	628.8	81	117.5	53	67.8	30.4	36.4	48.1	4	15.1	0.6	20.3	80.9	154.7
137.7	101.6	51.9	133.5	424.7	82	43.6	39.9	28.7	60	44.8	6.7	34.7	10.5	0.9	80.4	20.3	54.2
110.8	183.3	114.1	120.9	629.1	83	64.4	63.1	17.2	44.6	59.1	27.9	75.7	10.5	9.6	22	151.7	83.6
199.2	91	48.3	183.3	511.8	84	87.6	88	91.2	85.8	6.3	1.8	29.5	17	10.1	10.1	70.8	13.6
142.7	89.4	26	89.7	447.8	85	128.5	67.2	37.5	14.7	37.5	11.3	0	14.7	10.1	17.8	61.5	47

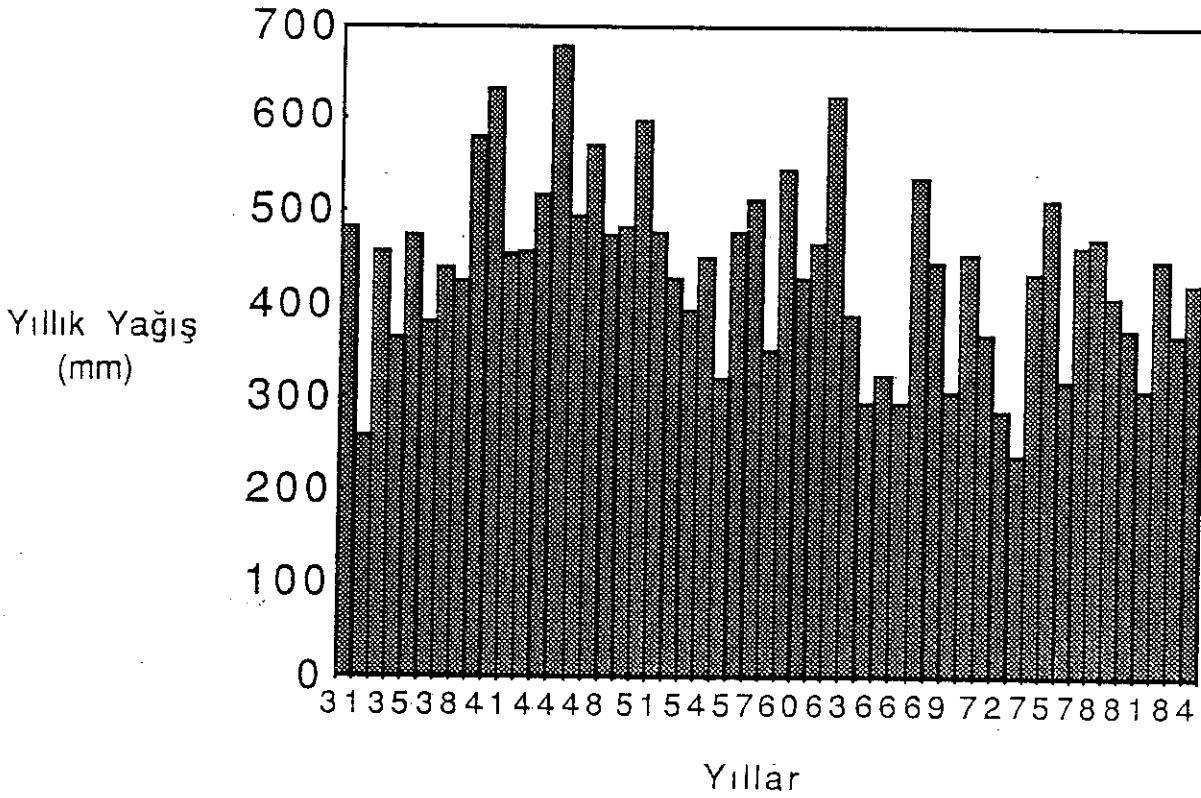
Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
173.6	71.6	34.8	112.9	358.9	38	57.8	34.5	23.6	58.6	30.7	5.9	24.8	4.1	12.9	16.8	41.9	47.3
90.2	173.1	43.8	168.9	476	39	20.3	11	58.9	91.9	18.1	30.1	11.3	2.4	16.5	22.2	134.4	58.9
118.8	87.1	26.4	192.1	416.4	40	12.5	32.7	59.8	75.7	56.6	26.4	0	0	7.9	68.2	11	53.6
133.6	59.5	4.1	157.1	411.3	41	115.5	37.5	65.5	85.1	6.5	1.6	2.5	0	14.4	23.4	21.7	37.6
139.5	141.2	16	162.7	458.4	42	95.8	24	91.9	54.5	16.3	16	0	0	9.6	48	83.6	18.7
145.5	110.2	30.8	113.4	352.9	43	31.8	26	48.2	44.7	20.5	12.8	15.2	2.8	19	53.5	37.7	40.7
147.5	102.1	9.6	204.1	443.3	44	60.4	58.9	75.1	74.8	54.2	9.6	0	0	0	40.2	61.9	8.2
147.7	82.4	24.2	99.8	324.1	45	54.6	33.2	40.1	46	13.7	20.8	0.4	0	3	37.5	41.9	29.9
147.7	136	90.7	169.9	531.9	46	38.1	48.7	59.5	65.5	44.9	57.7	17.6	15.4	10.2	124.2	1.6	48.5
149.9	107.2	9.5	125.7	363.3	47	60.3	36.2	31.5	51.5	42.7	0	9.5	0	7.2	31.3	68.7	24.4
151.1	118.1	15.8	102.6	330.6	48	21.6	31.9	6.4	54.1	42.1	11.3	0.3	4.2	13.4	49.6	55.1	40.6
151.5	44.9	9.7	125.1	337.2	49	80.6	80.6	37.1	40.8	47.2	0	9.7	0	7	36.1	1.8	24.4
152.2	97.8	21.9	60.5	266.4	50	54.6	14.6	14.7	10.1	35.7	20.1	1.8	0	0.1	67.4	30.3	17
152.9	222.6	12	124.2	443.7	51	31.4	23.5	28.5	67.6	28.1	7.7	0.5	3.8	37.9	167.8	16.9	30
153.8	26.9	52.6	105.1	297.4	52	27.4	41.5	28.7	51.4	25	41.9	0	10.7	2.1	6.7	18.1	43.9
154.6	148.5	27.7	139.5	398.3	53	42.7	28.3	58.7	26.2	54.6	3.7	24	0	0	75.1	73.4	11.6
154.8	46.1	21.4	148.5	319.6	54	47	38	70.8	58	19.7	11.9	1	8.5	4.9	14.1	27.1	18.6
154.8	120.7	18.3	159.7	362.8	55	18.6	11.9	37.9	77.1	44.7	8.9	6.8	2.6	18.4	7.8	94.5	33.6
155.4	80.7	4.3	200.1	411.5	56	11	67.7	77.2	55.3	67.6	3.8	0.3	0.2	26.7	12	42	47.7
155.8	116.6	59.3	113.9	373.6	57	30.6	13.1	46.9	20.6	46.4	23.8	24.7	10.8	36.3	35.4	44.9	40.1
156.4	78.7	45.7	131.5	420.3	58	54.2	14.5	50.6	47.7	33.2	31	11.4	3.3	3	3.8	71.9	95.7
157.2	143.3	22.8	214.6	437.9	59	5.1	36.2	46.6	34.4	133.6	18	1.7	3.1	41.1	42.6	59.6	15.9
157.4	115.6	13.6	171.5	404.1	60	44.4	52.7	40.7	103.1	27.7	9.7	3.7	0.2	0	17.4	98.2	6.3
158.9	60.9	28.8	112	271.6	61	19.7	35.3	41	51	20	24.6	3.7	0.5	0.3	11.6	49	14.9
159.3	129.5	3.5	111.5	377.8	62	62.6	48.6	18.2	79.1	14.2	1.5	1.4	0.6	9.6	75.2	44.7	22.1
159.9	70.8	22.3	255.9	473.9	63	58.2	51.2	53.5	133.9	68.5	15.5	4.2	2.6	18.1	24.2	28.5	15.5
160.1	38.4	47.8	143.1	306.4	64	27.4	23.9	61	67.5	14.6	44.9	0.3	2.6	9.6	8	20.8	25.8
160.4	143.6	11.7	86.6	388.3	65	58.8	57.7	19.2	46.5	20.9	5	0	6.7	9	95.5	39.1	29.9
160.6	132.5	5.4	165.8	427.3	66	14.4	39.3	54.9	50.7	60.2	2.8	0	2.6	65.5	63.7	3.3	69.9
160.6	154	20	139	479.4	67	51.8	71	47.8	45.8	45.4	7.9	10.2	1.9	43.9	62.4	47.7	43.6
161.1	77.1	68	136	443.2	68	75.7	19.5	26.2	55.5	54.3	61.8	3.8	2.4	3.2	34.5	39.4	66.9
161.5	153.5	28.9	167.4	448.3	69	19.5	36.8	59.7	79	28.7	25.8	0.5	2.6	25	90.6	37.9	42.2
161.6	128.7	16.3	85	356.6	70	30.6	43.8	31.2	38.2	15.6	15.5	0.8	0	9.6	24.1	95	52.2
161.7	97.9	25.8	97.1	315.1	71	11.7	30	15.2	47.6	34.3	19.6	3.7	2.5	9.6	60.4	27.9	52.6
161.7	120.3	62	256.1	486.1	72	22.8	16.1	43.8	44	168.3	48.7	2	11.3	0.5	52.3	67.5	8.8
161.7	110.3	22	128.2	327.6	73	23.9	28.3	44.7	49.8	33.7	14.6	4.8	2.6	9.6	50.6	50.1	14.9
161.8	124.7	38.4	127.8	351.5	74	33.7	4.4	54.7	59.7	13.4	5.7	10.8	21.9	66.4	1.1	57.2	22.5
161.9	71.6	26.1	106.4	296	75	23.9	31.5	32.2	10.7	63.5	17.2	6.3	2.6	5.7	27.6	38.3	36.5
161.9	106.7	9	183.3	397.1	76	13.3	69.1	6	103.3	74	4.4	2	2.6	1.4	84.2	21.1	15.7
161.9	53.8	28.5	170	308.9	77	17.1	8.2	58.2	47.6	64.2	25	2.2	1.3	9.6	33.1	11.1	31.3
161.9	61.6	67.7	125.1	349	78	31.5	16.2	25.5	61.4	38.1	61.4	3.7	2.6	1.4	45.8	14.4	46.9
161.9	117.8	41.6	93	342.5	79	23	41.5	30.1	22	40.9	23.3	17.6	0.7	1.3	79.3	37.2	25.6
161.9	69.4	4.6	162.9	319.3	80	40.6	30.2	78.1	66.9	17.9	1.2	0.8	2.6	11.6	15.9	41.9	11.6
161.9	116.2	15.2	184.8	407.9	81	22.8	51.6	62.1	62.1	60.6	12.3	2.7	0.2	0	15.6	100.6	17.3
161.9	143.8	26.1	185.8	418.3	82	26.9	23	42.3	50.8	92.7	15.6	9.3	1.2	3.4	113.6	26.8	12.7
161.9	109.9	52.2	119.9	335.8	83	24.6	19.4	24.4	15	80.5	27.4	10.9	13.9	0	17.9	92	9.8
161.9	118.7	3.7	199.9	395.9	84	39.1	18.2	38.3	25.4	136.2	0	3.7	0	0	44.9	73.8	16.3
161.9	45	23.1	164.2	417.2	85	49.3	72.9	100.1	58.2	25.9	18.2	3.7	1.2	0	25.4	19.6	62.7

Kış	Sonbahar	Yaz	İlkbahar	Yıllık	Yıllar	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık
433	298.8	139.1	302.7	1173.6	38	191.2	115.6	98	139.5	65.2	58.7	58.6	21.8	155.4	39.6	103.8	126.2
382.5	419.1	205.6	141.3	1149.5	39	96.1	120.2	99.3	27.4	14.6	28	58.8	118.8	145.6	80.8	192.7	167.2
597.4	252.4	257.3	220.7	1320.8	40	163.8	104.8	118.3	44.3	59.1	58.2	40.8	158.3	67	112.8	75.6	318.8
314.9	424.9	140.3	225.9	1106	41	115.6	43.3	90.2	34.6	101.1	22.9	71.3	46.1	104.4	110.2	210.3	156
327	544.9	204.7	210.2	1186.8	42	129.1	49.4	73.6	81.3	55.3	24.8	24.1	155.8	159.6	133.1	252.2	48.5
470.5	471	77.7	388.1	1407.3	43	201.9	38.5	40.9	299	48.2	46.9	19.3	11.5	34.6	288.5	147.9	230.1
399.4	308.8	177	250.4	1125.6	44	163	79.2	165.4	35.6	49.4	69.3	80.8	26.9	19	79.7	210.1	147.2
378.8	311.4	155.9	191.8	1029.9	45	160.5	117	111.6	77.6	2.6	123.9	26.6	5.4	42.2	189.8	79.4	93.3
373.3	379.8	104.4	275.6	1157.1	46	73.3	196.5	148	61.8	65.8	47.5	35.7	21.2	23.6	254.2	102	127.5
434.9	512.2	145.1	145.6	1237.8	47	237.3	99.6	67.2	61.8	16.6	37.5	24.3	83.3	53.2	250.4	208.6	98
535.1	428	186	318.8	1471.9	48	112.4	379.5	204.8	50.9	63.1	138.3	33.3	14.4	19.2	223.4	185.4	47.2
453.9	210	244.2	271.9	1180	49	125.8	179	94.2	155.6	22.1	67.2	149.6	27.4	168.7	16.7	24.6	149.1
383.2	653.2	160.1	191.2	1387.9	50	265.4	72.5	117.2	45.1	28.9	53.1	57.8	49.2	23.5	411.1	218.8	45.3
447.4	279.1	377	302.3	1305.8	51	128.4	79.2	134.6	150.6	17.1	135.9	95.2	45.9	96.1	71.7	111.3	239.8
571.2	282.6	146.7	166	866.5	52	127.9	96.1	74	21.2	70.8	123.5	18.7	4.5	72.1	128.7	81.8	47.2
326.6	439.4	208	280.6	1264.6	53	111.7	137.2	158.9	53.4	68.3	75	10.1	122.9	133.8	135.2	170.4	87.7
273.2	273.1	312.2	152.9	1111.4	54	215.3	80.1	28.8	66.9	57.2	163.9	110.4	37.9	5.8	98.6	168.7	77.8
264.5	441	763.6	163.8	1662.9	55	90.1	85.1	77.5	56.3	29.9	20.1	104.6	638.9	43.7	223.6	173.7	119.3
419.6	508.4	143.6	255.2	1326.8	56	204.4	115.4	130.1	73.1	52	85.6	49.9	8.1	168.3	143.3	196.8	99.8
419.6	508.4	143.6	255.2	1326.8	56	204.4	115.4	130.1	73.1	52	85.6	49.9	8.1	168.3	143.3	196.8	99.8
431.3	267.6	53.1	177.1	929.1	57	69.6	99.2	54.1	21.5	101.5	0.2	9.9	43	66.4	83	118.2	262.5
419.4	252.2	263.9	269.3	1195.8	58	184.9	72.6	182.8	60.6	25.9	150.5	89	24.4	139.9	50.4	61.9	152.9
412.3	343.8	181.4	150.2	1087.7	59	216.7	134.6	68.7	58.2	23.3	43.6	36.9	100.9	171.3	62.2	110.3	61
382.9	362.3	376.8	254.9	1376.9	60	162.4	106.6	98	76	80.9	104.1	49.9	222.8	63.9	170.5	127.9	113.9
496.4	353.2	199.7	257.9	1307.2	61	211	165.5	119.2	33.9	104.8	108.5	38.2	53	96.4	100.3	156.5	119.9
566.7	289.7	194	216.8	1267.2	62	110.5	204.9	144.2	54.3	18.3	85.8	102.8	5.4	139.5	84.4	65.8	251.3
473.6	402.2	185.9	326.7	1388.4	63	205.6	35.1	180.1	97.5	49.1	90.9	38.4	56.6	152	153.3	96.9	232.9
419.1	401.7	261.7	255.2	1337.7	64	92.5	169.7	111.5	51.9	91.8	85.3	72.6	103.8	227.3	15.4	159	156.9
440.9	392.1	268.3	204.2	1305.5	65	84.5	189.1	64.4	111.8	28	47	190.9	30.4	3.9	187.8	200.4	167.3
567.7	148.4	217.2	204.1	907.4	66	161.1	33.4	144.9	34	25.2	30	12.4	174.8	15.3	65.4	37.7	173.2
451.6	460.7	133.8	261	1307.1	67	249.8	67.3	145.9	48.1	67	21.7	19.7	92.4	74.3	137.6	248.8	134.5
335.2	498.9	131.6	208.1	1176.9	68	181.8	57.7	116.7	48.7	42.7	26.7	4.3	100.6	252	137.3	109.6	98.8
404	140	90.8	255.6	890.4	69	136.6	108.1	61.3	136.3	58	60	28.9	1.9	6.2	38.9	94.9	159.3
477.9	354.5	347.3	301.8	1481.5	70	112.1	146.4	105.1	72.4	124.3	49.8	179.7	117.8	115.5	115.5	123.5	219.4
379.6	410.1	178.6	223.6	1191.9	71	48.7	97.8	115.8	56.7	51.1	34.6	90.9	53.1	84.9	208.2	117	233.1
145.8	401.2	360.8	156.1	1063.9	72	58.6	38.4	36.4	79.8	39.9	210.3	34.9	115.6	119.1	175.6	106.5	48.8
335	539.9	162.6	277.9	1315.4	73	69.5	79.7	116.7	68.1	93.1	99.7	32.2	30.7	12.5	167.6	359.8	185.8
274.5	314.9	155.6	161.5	966.5	74	52.5	64.6	52.7	53.8	55	19.5	39	97.1	46.4	97.9	170.6	217.4
347.3	406.8	117.1	288.4	1209.6	75	105.8	96.5	67.9	49.6	170.9	42.6	28.2	46.3	20.4	172.7	213.7	195
427	342	332.4	83.6	1185	76	176.4	56.7	49.3	14.5	19.8	32.7	55.8	243.9	96.4	155.9	89.7	193.9
306.2	235.6	169.8	239.1	920.7	77	75.3	47.6	117.9	99.2	22	22.6	74.3	72.9	84.9	59.6	91.1	153.3
447.1	297.8	263.6	192	1200.5	78	168.1	102.6	44.4	102	45.6	33.7	108.3	121.6	168.3	101.3	28.2	176.4
391	425.9	324.5	118.4	1249.8	79	177	73.8	27.9	64.8	25.7	52.2	127.5	144.8	159.5	91.7	174.7	130.2
473.2	346.9	87.2	263.2	1170.5	80	214.8	60.9	155.6	32.4	75.2	27.3	11.9	48	88.8	84.4	173.7	197.5
471.9	482.3	144.8	191.4	1253.4	81	167.4	120.7	110.5	41.2	39.7	26.2	42.8	75.8	110.3	212.8	186.8	175
393.1	135.7	360.1	255.5	1144.4	82	160.4	57.7	152	72.7	30.8	25.6	83.3	251.2	12.8	58.1	64.8	175
333.5	343.2	360.4	94.9	1192	83	223	85.8	22.7	51.3	20.9	19.3	253.3	87.8	20.6	206.6	116	84.7
237.7	287	439.3	233.5	1197.5	84	127.6	69.2	64.7	149.8	19	120	207.5	111.8	6.3	108.1	172.6	40.9
448.8	362.4	151	134.3	1096.5	85	150.7	161.8	28.2	63.1	43	78.5	51.7	20.8	45.1	255.1	62.2	136.3

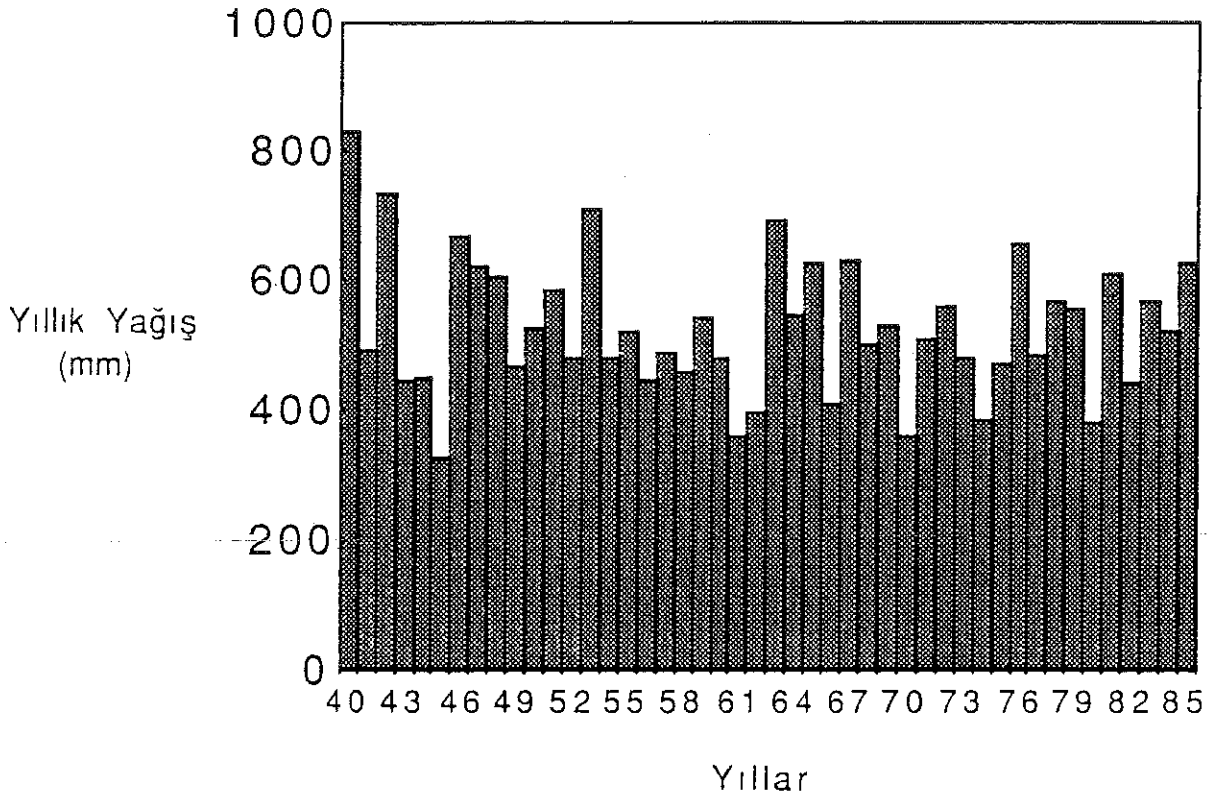
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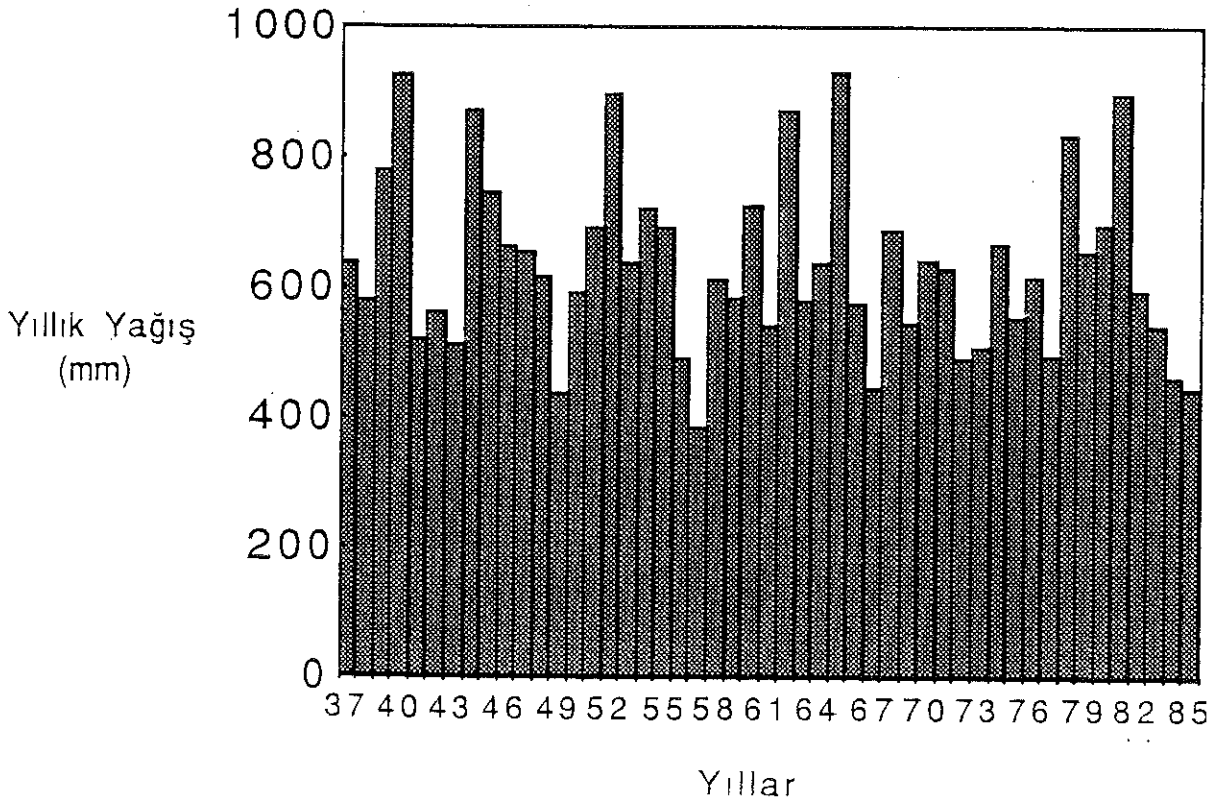
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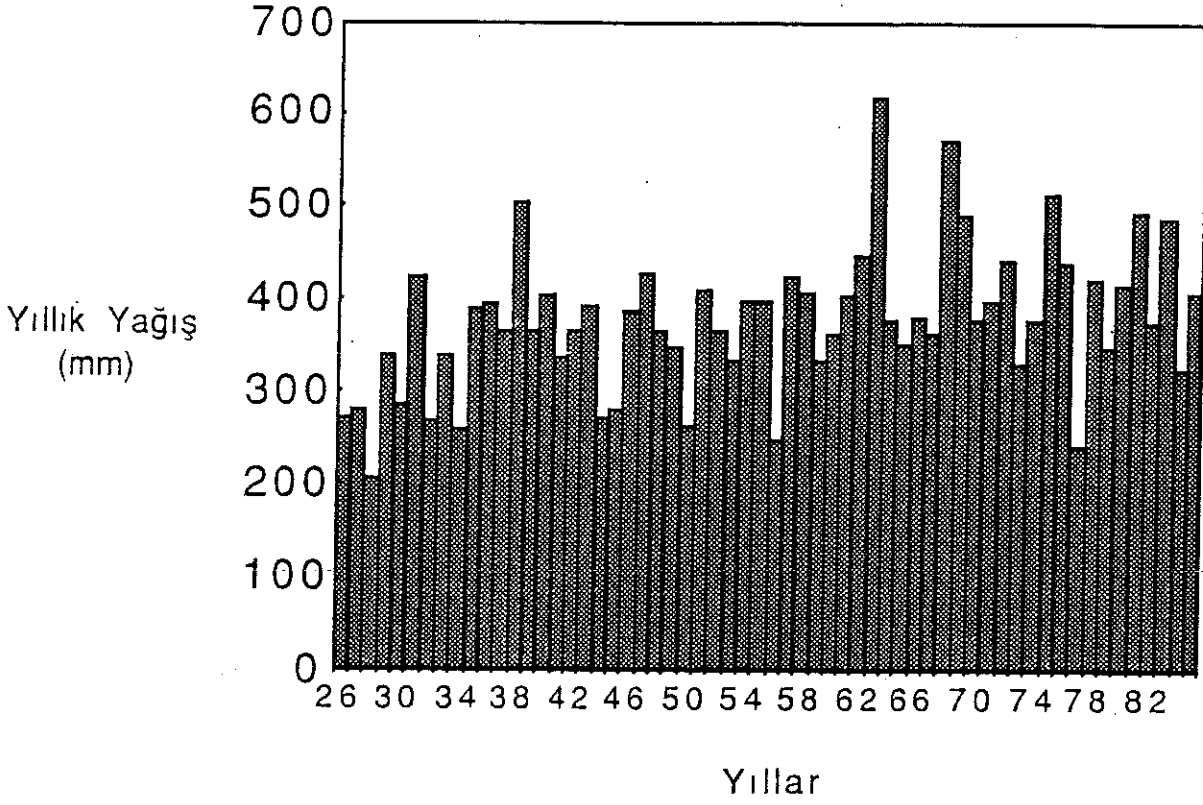
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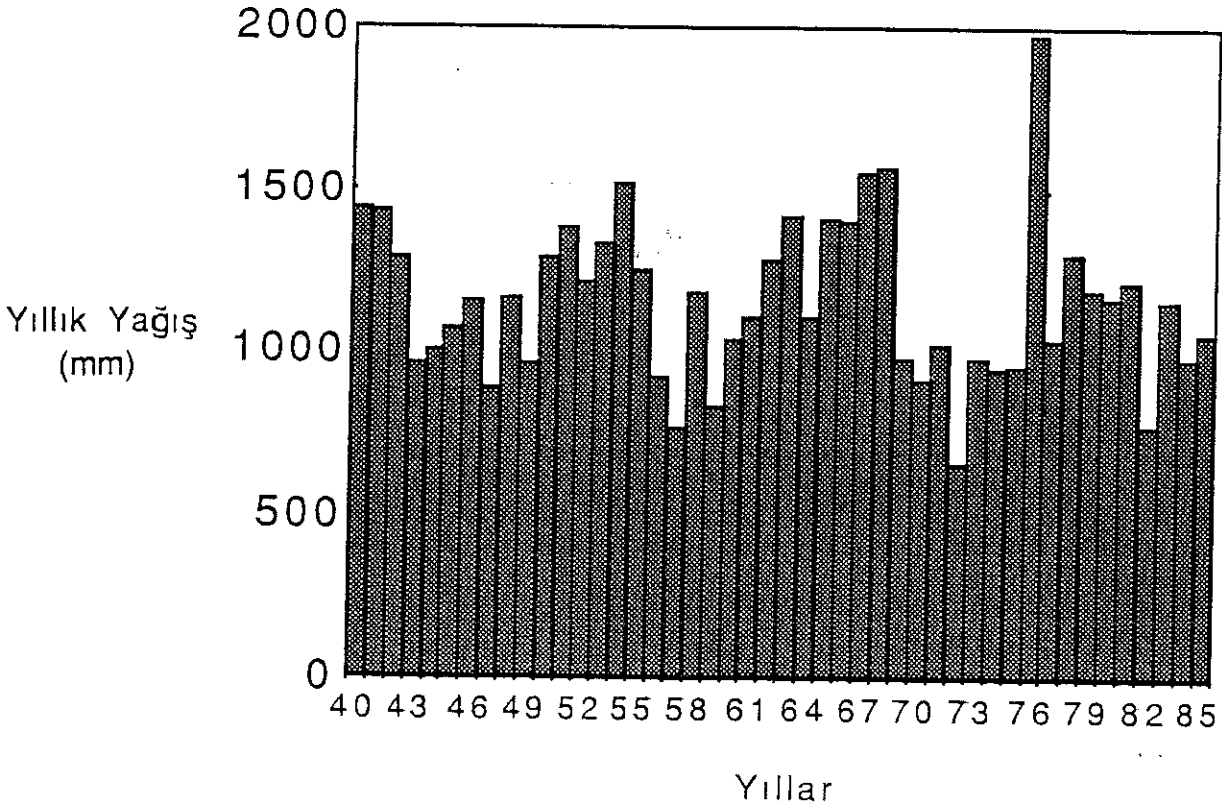
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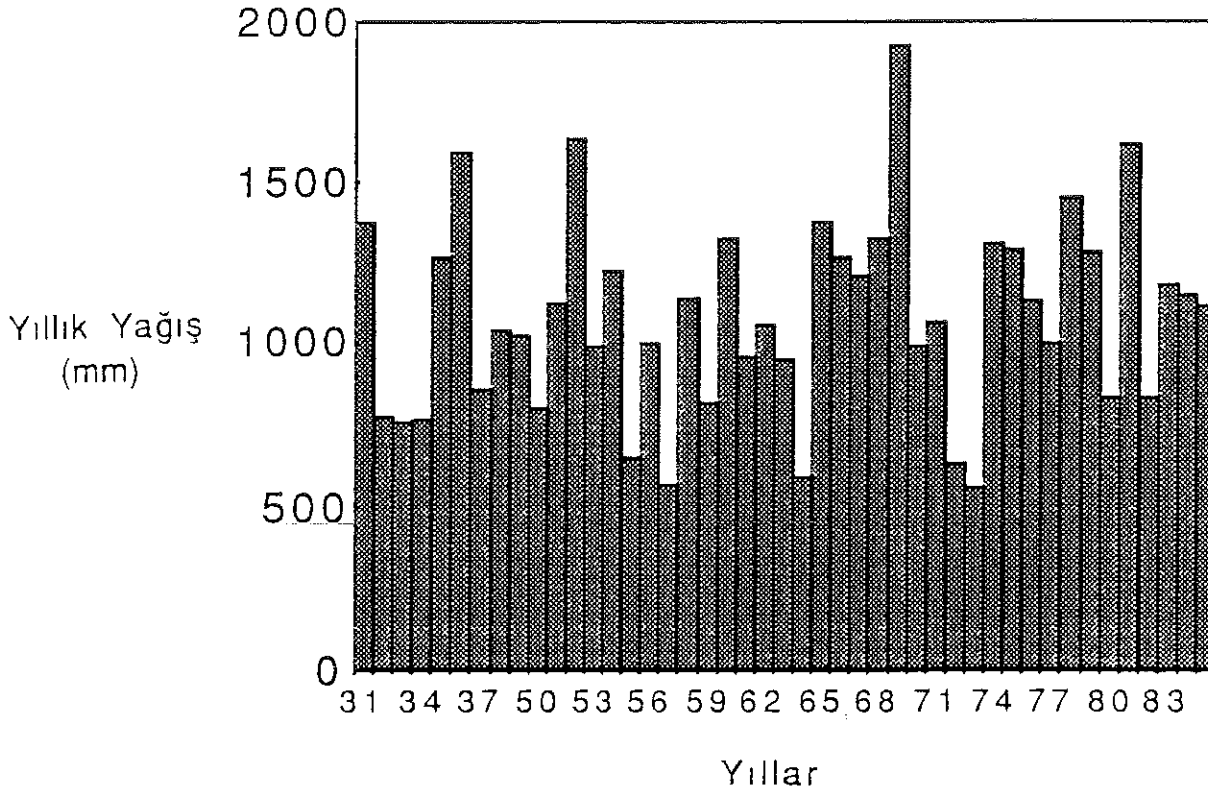
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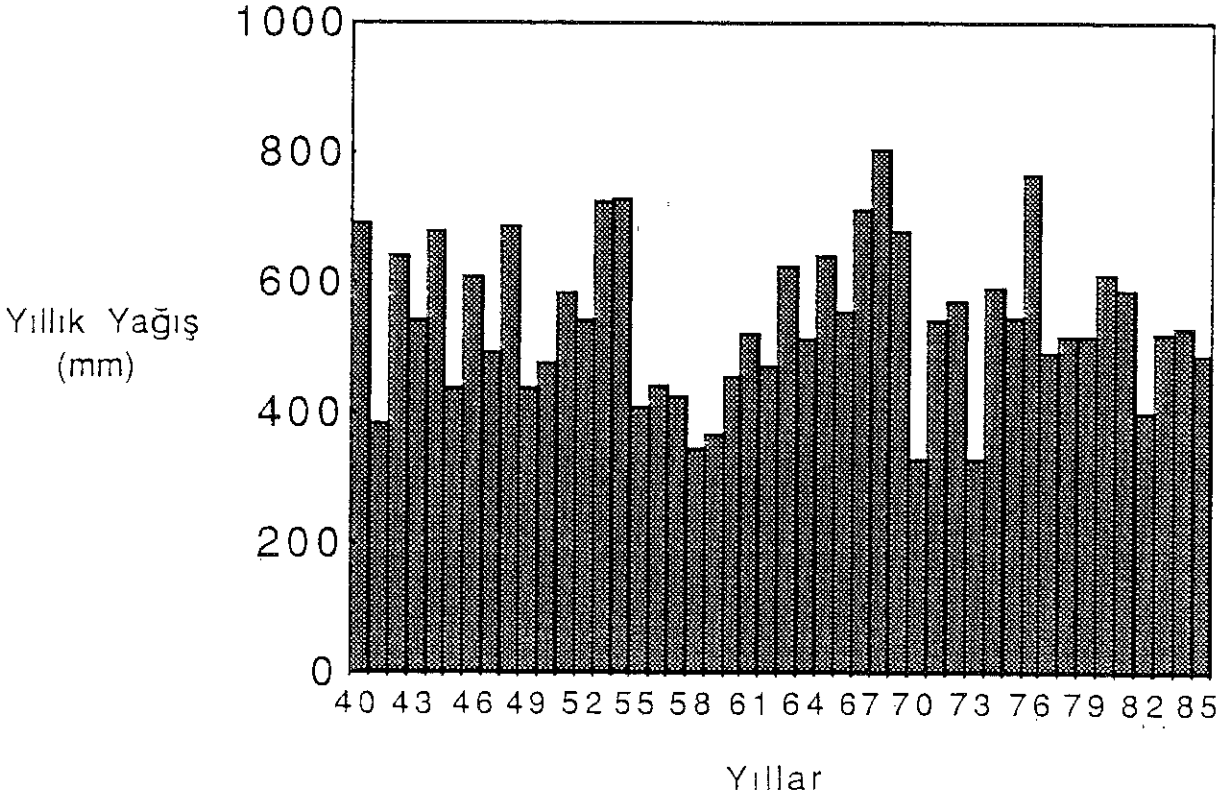
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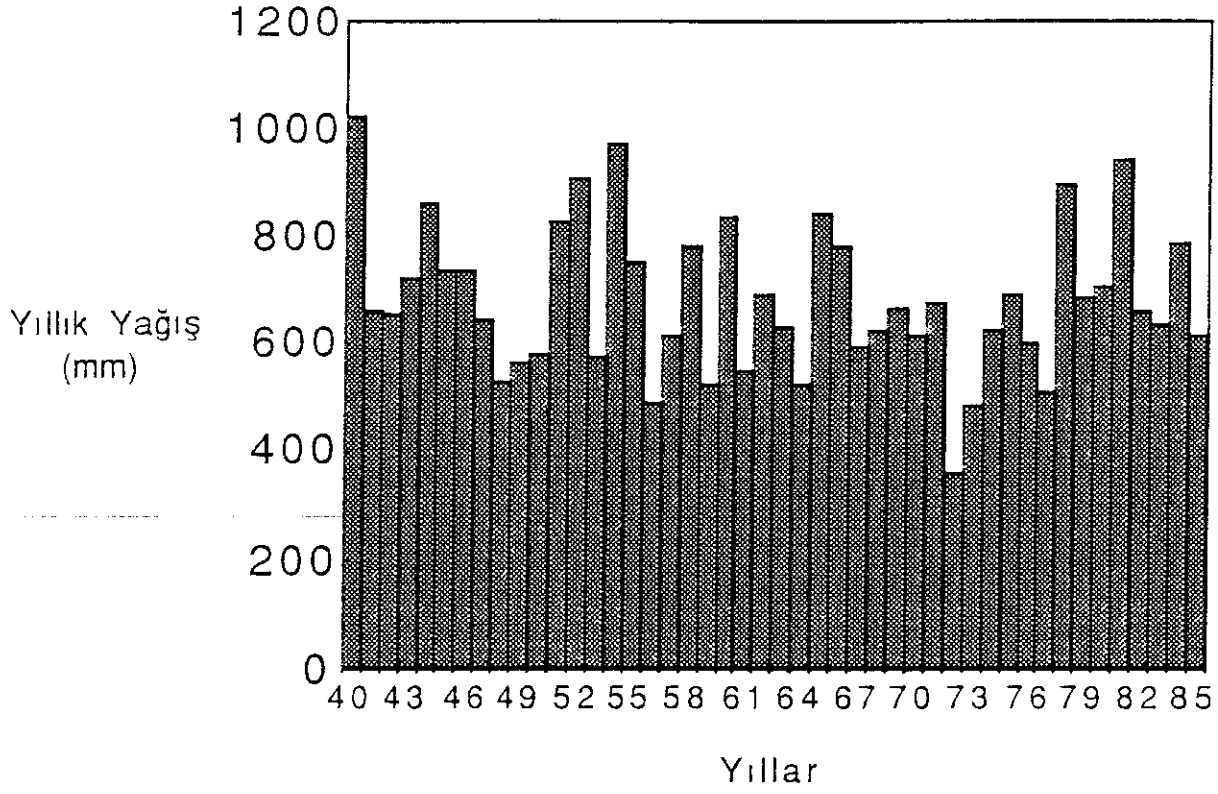
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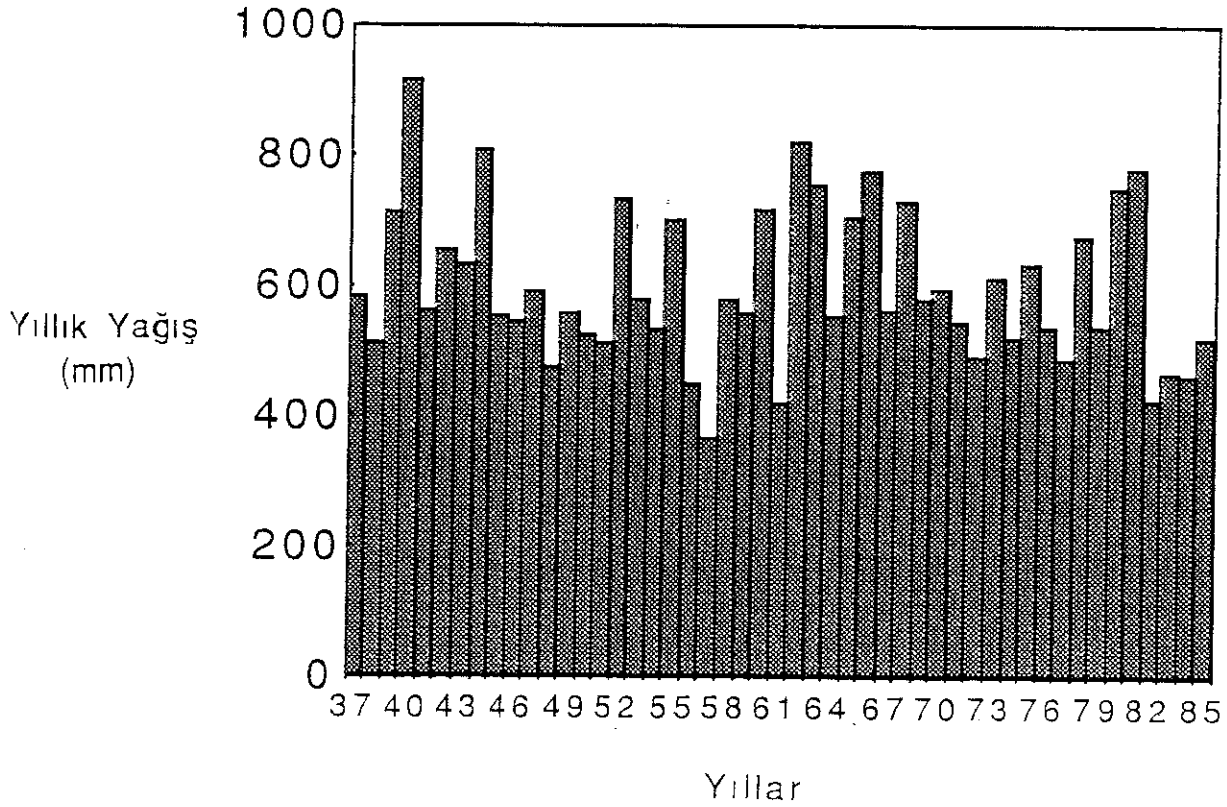
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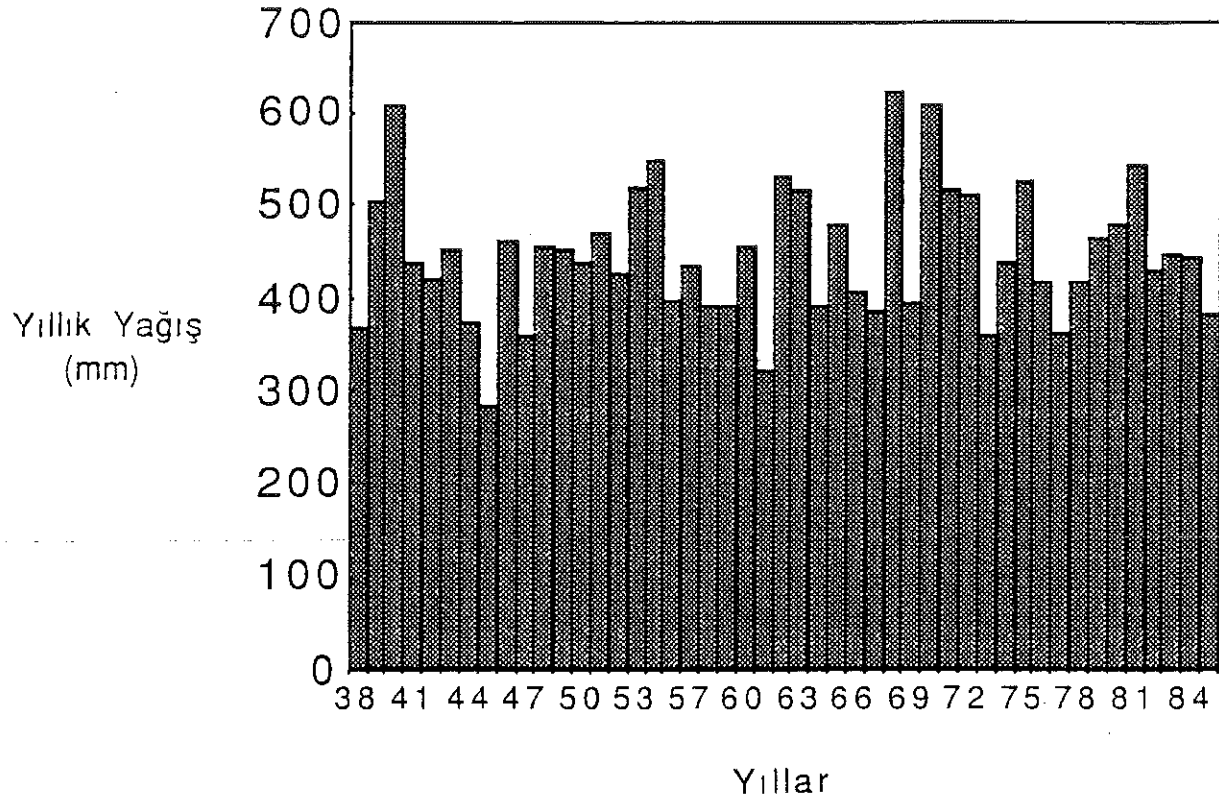


## BALIKESİR

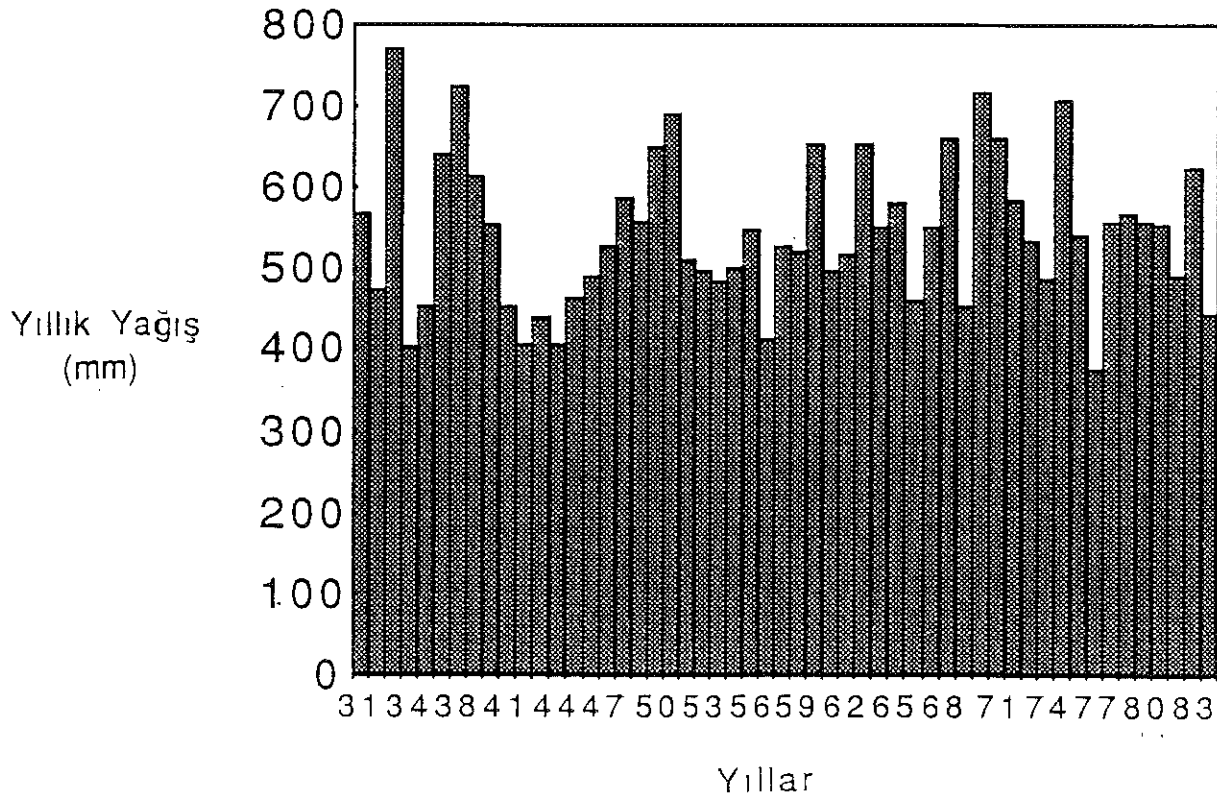




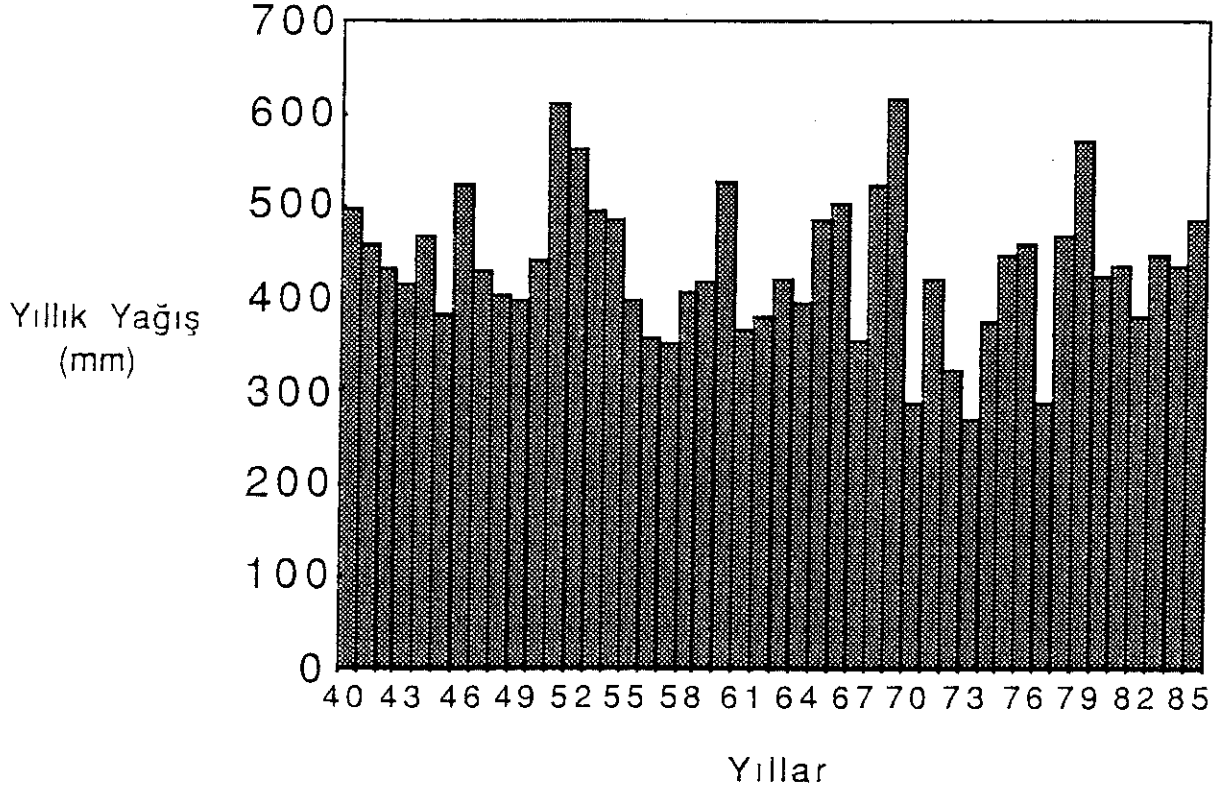
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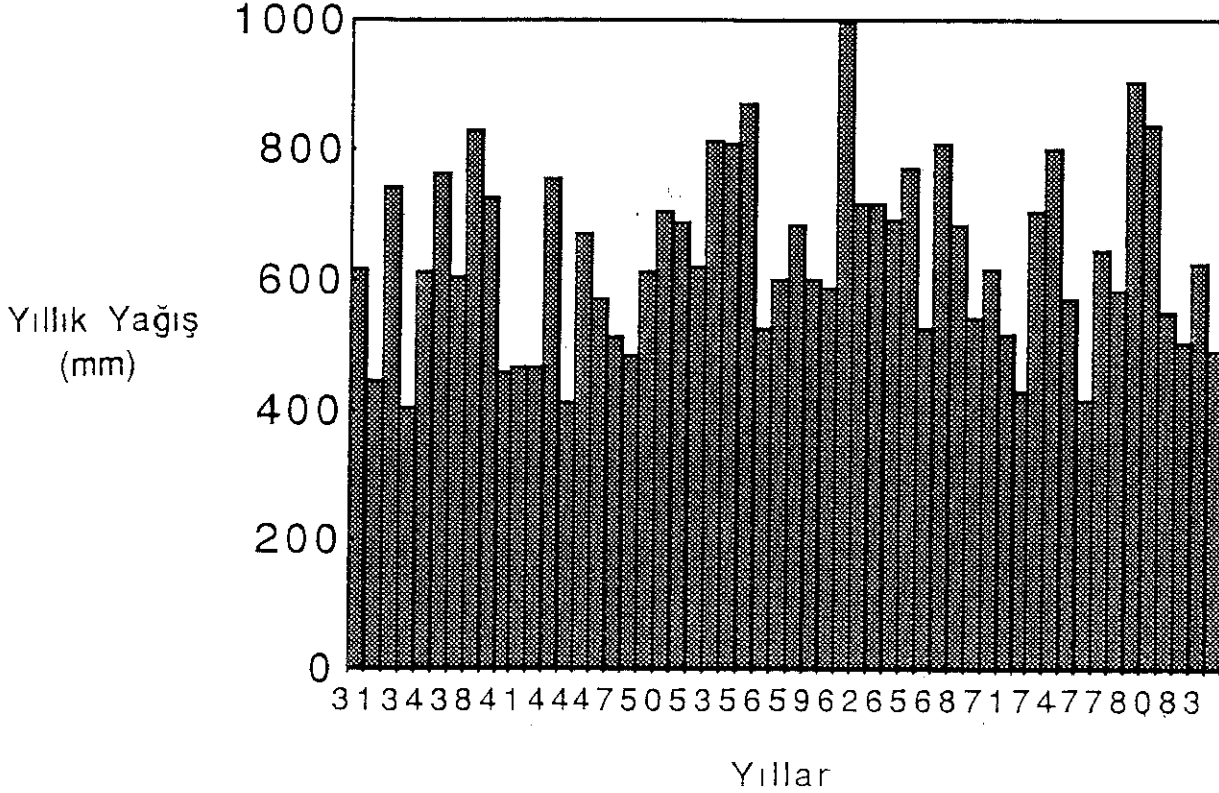
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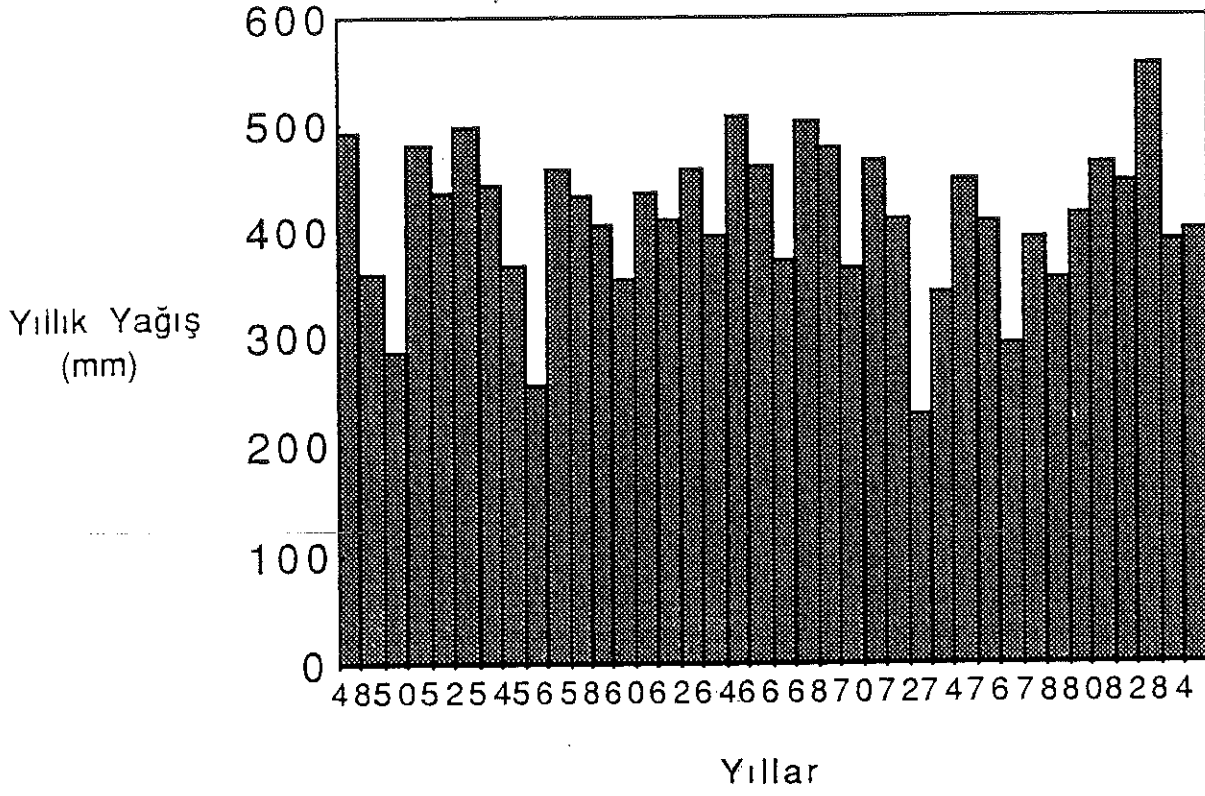
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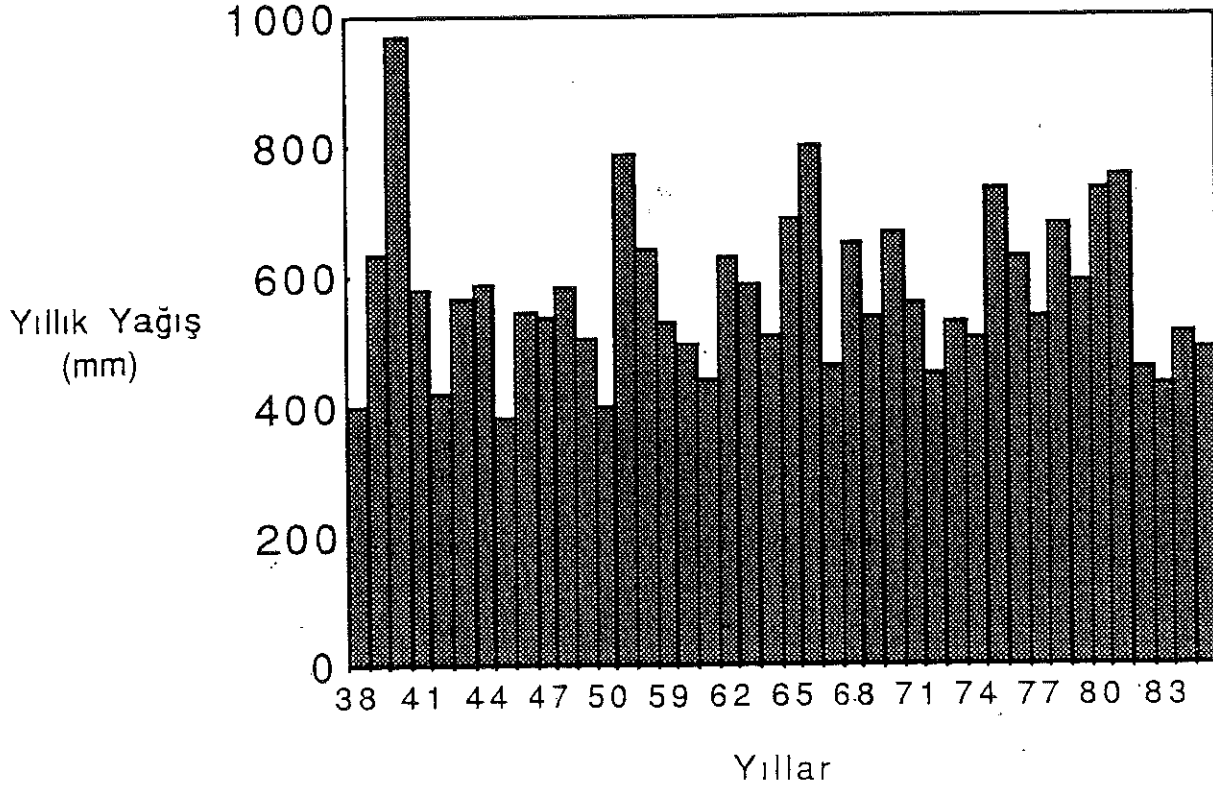
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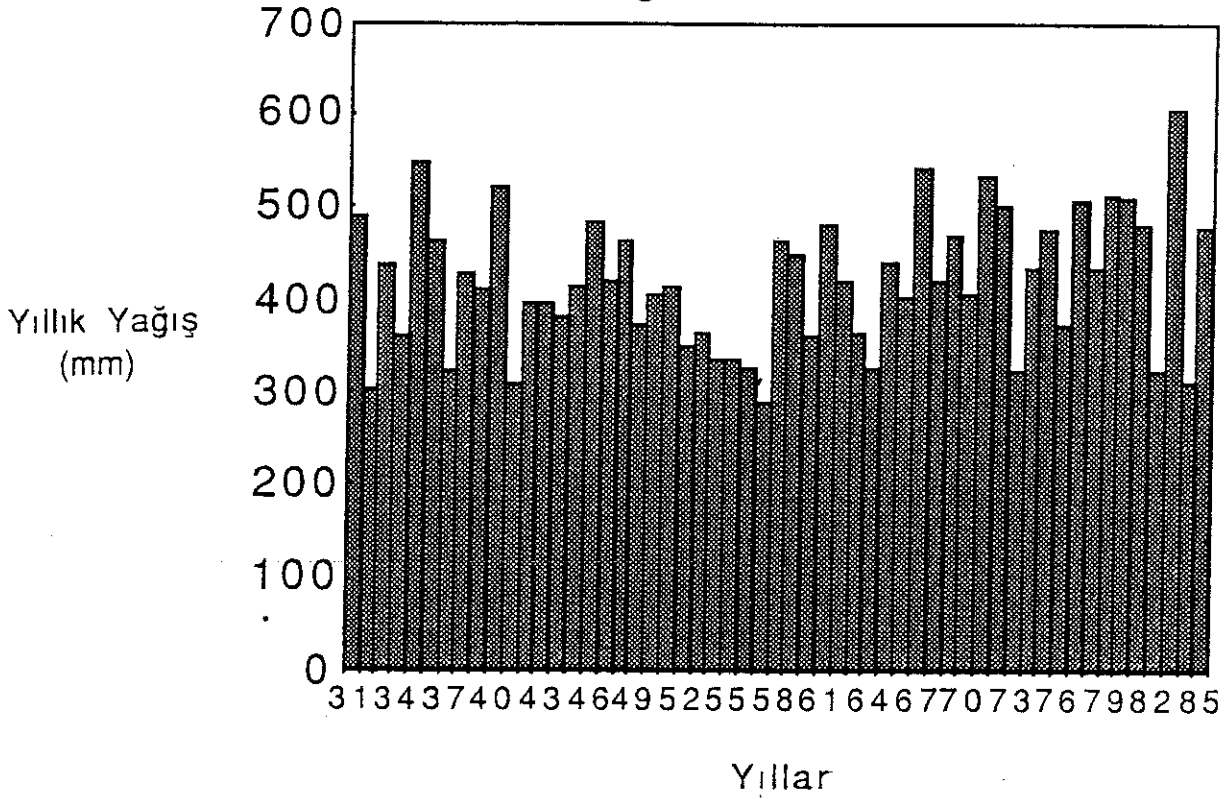
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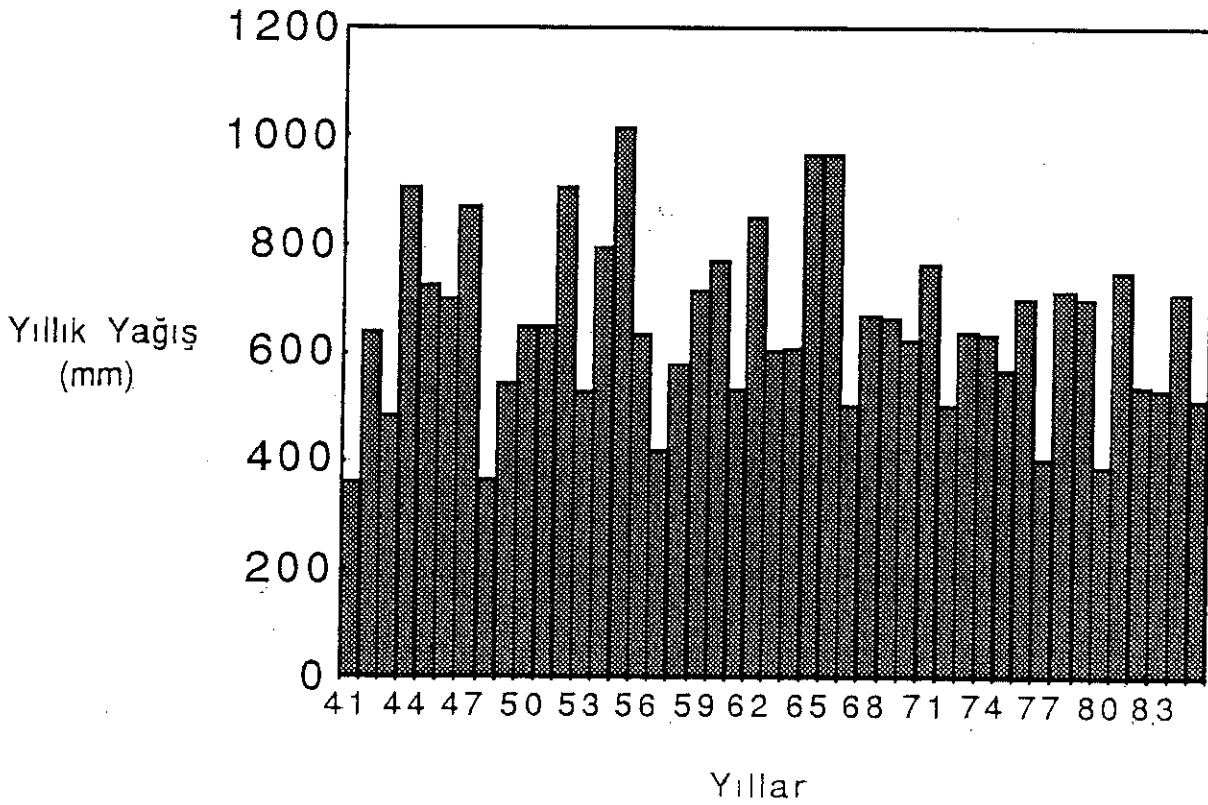
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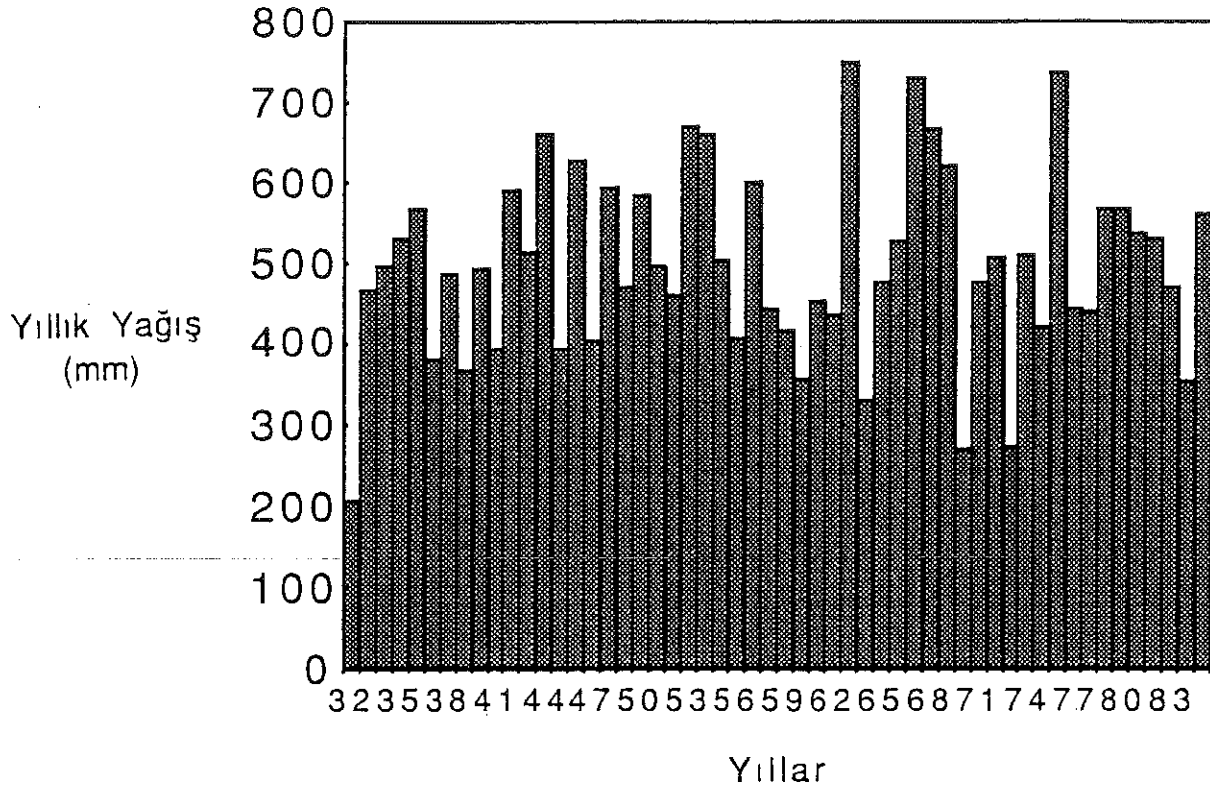
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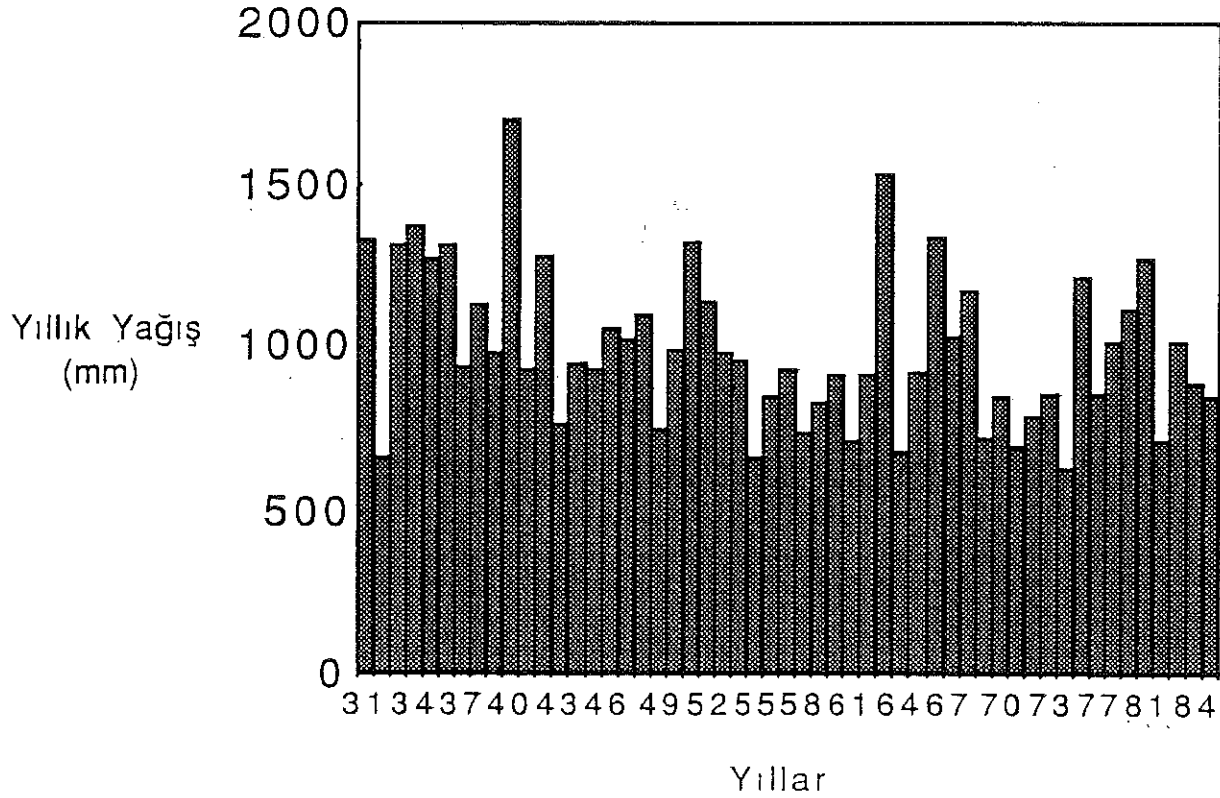
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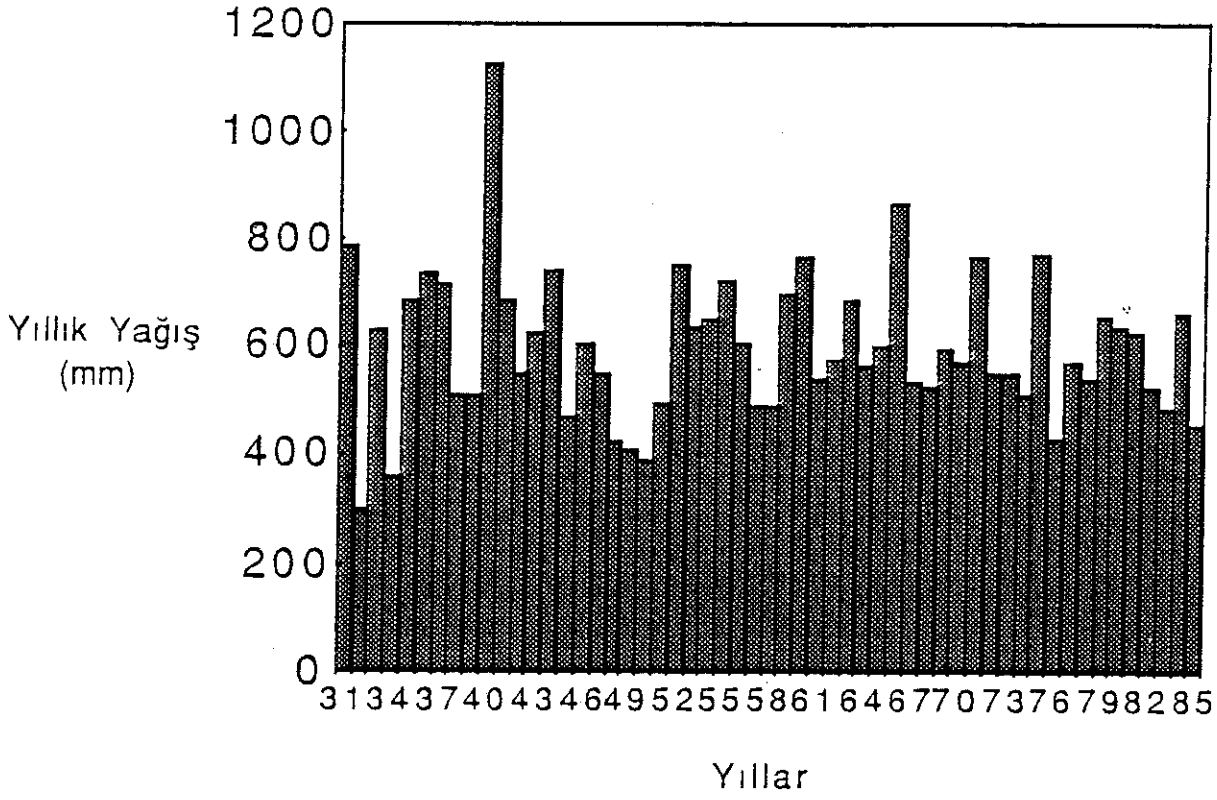
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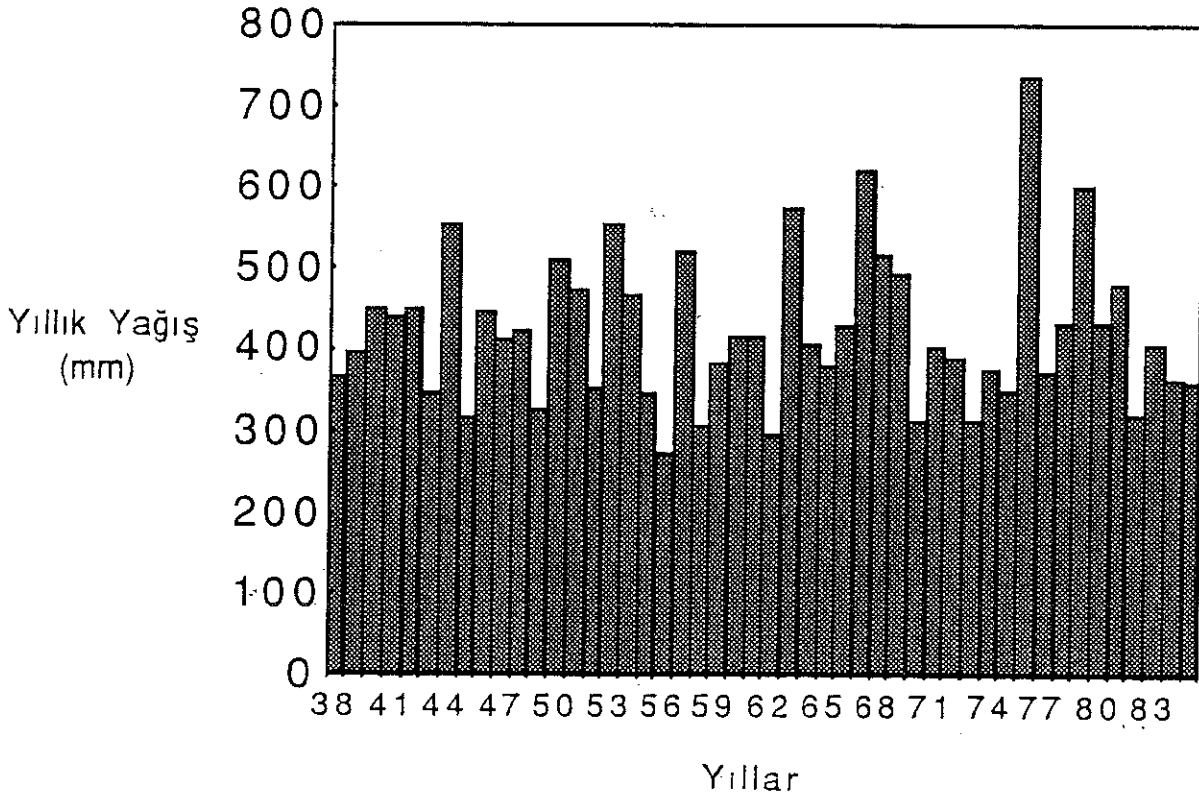
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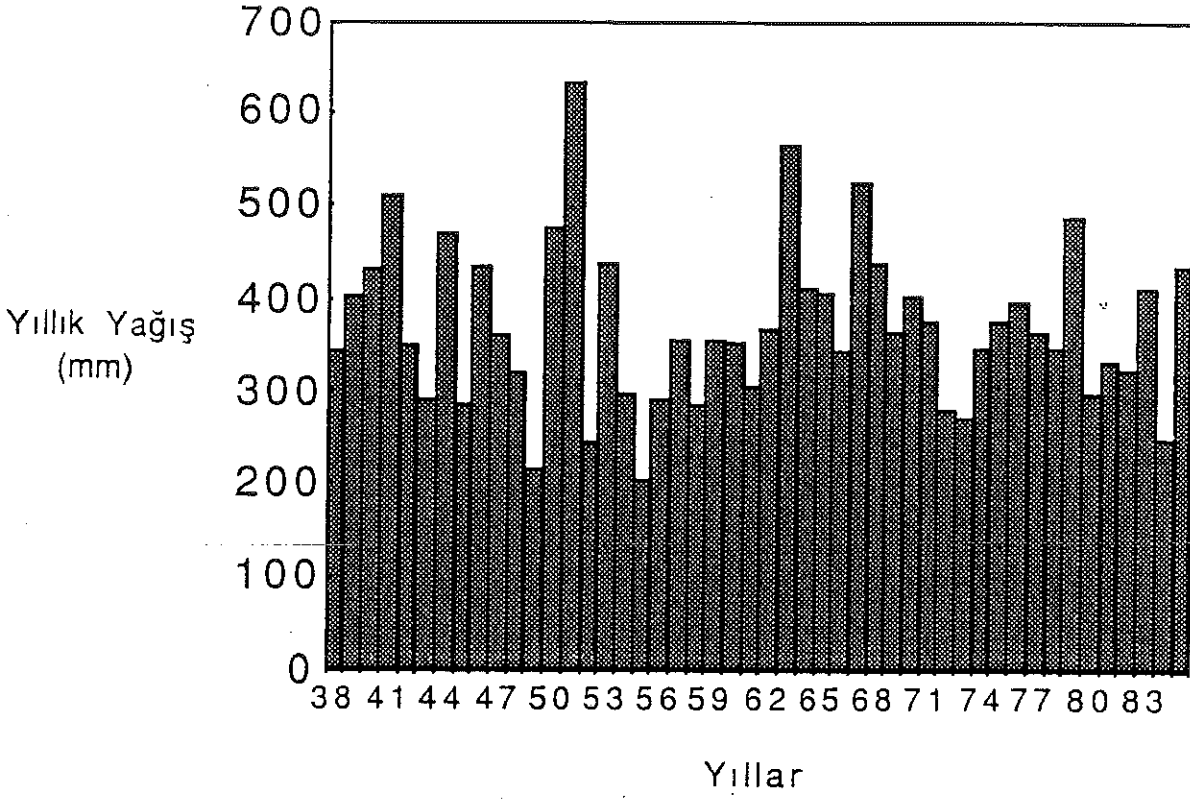
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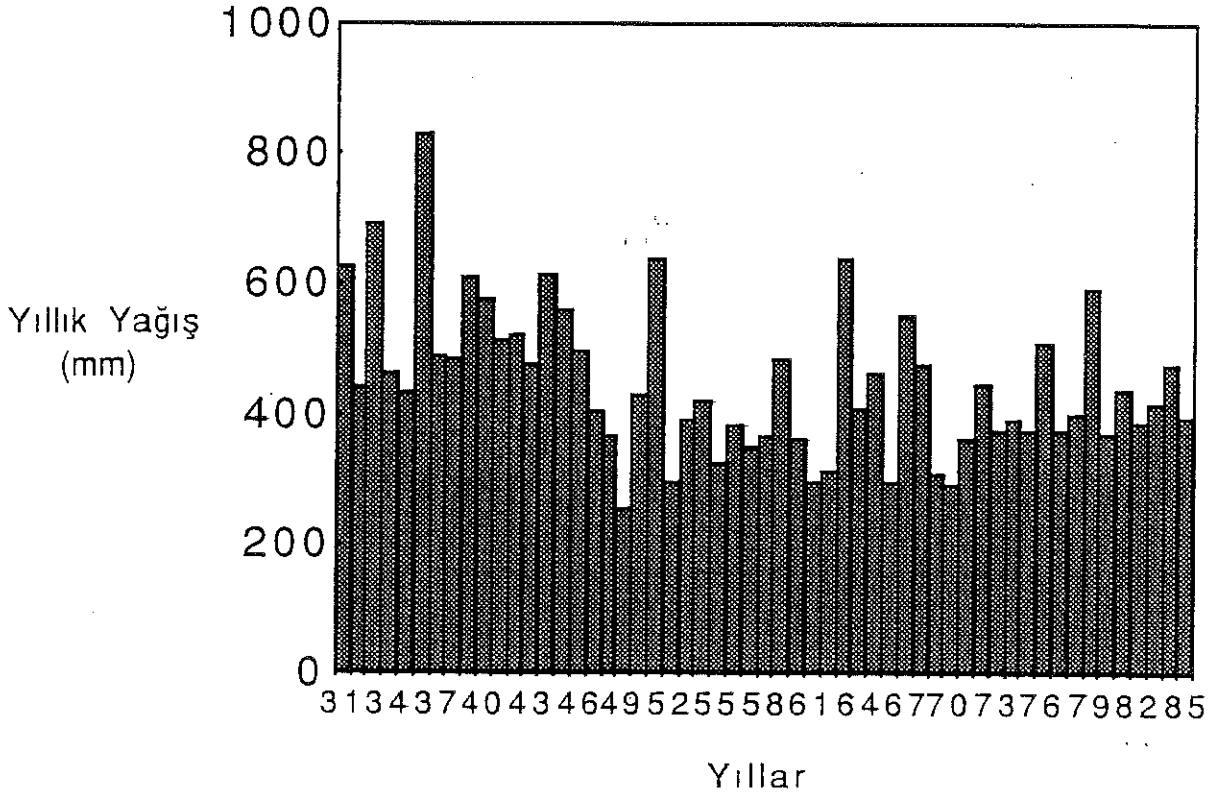
## ELAZIĞ



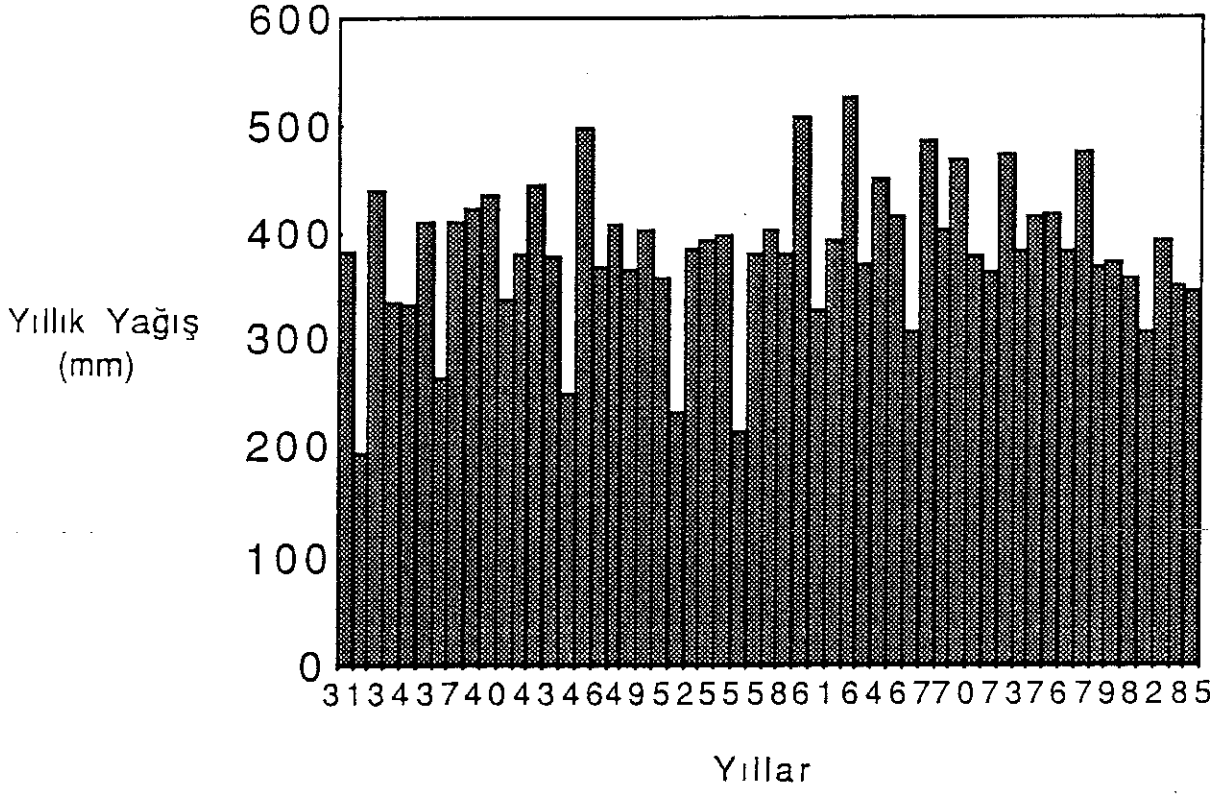
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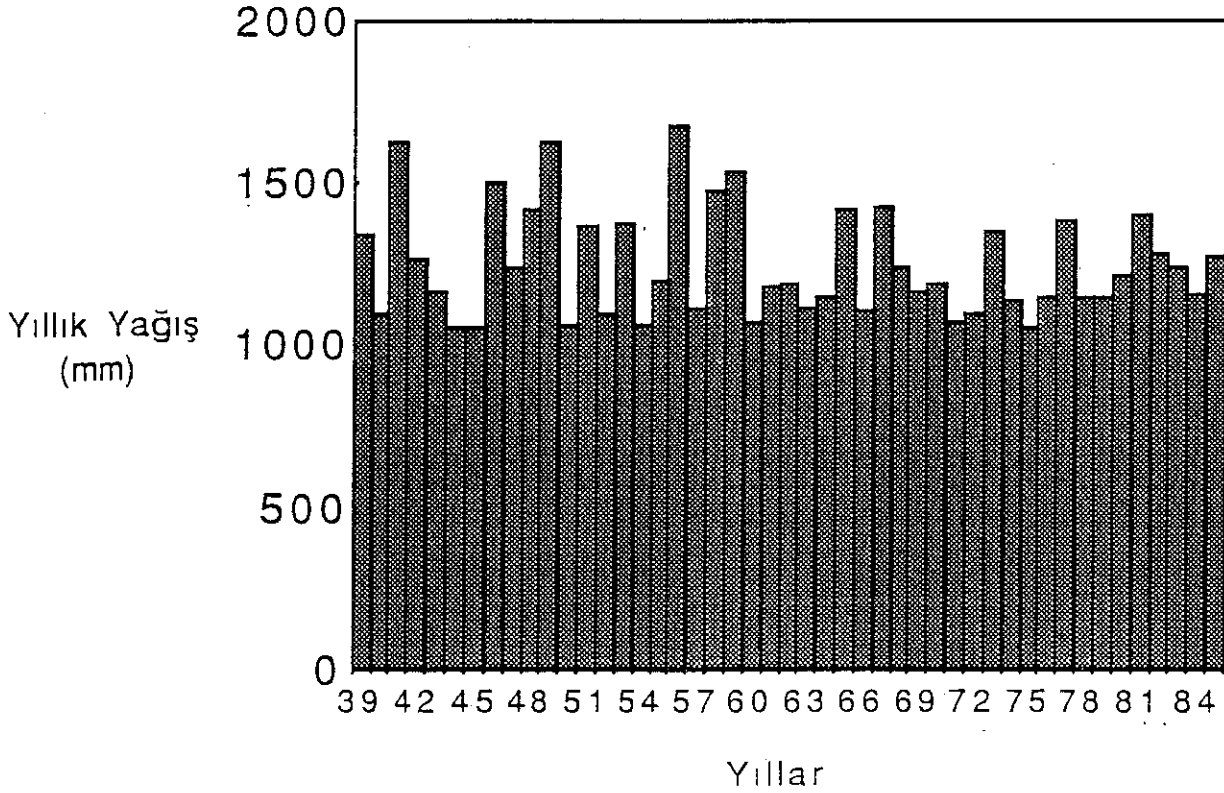
## ERZURUM



## ESKİŞEHİR

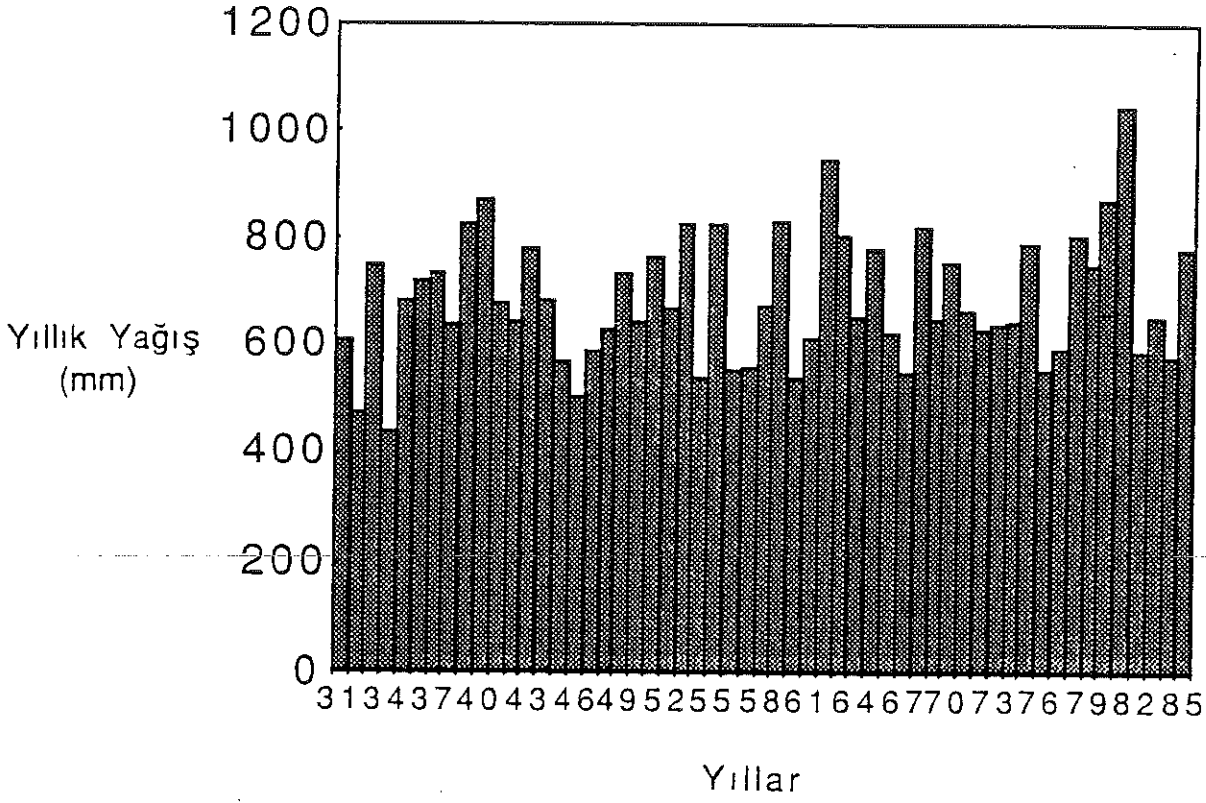


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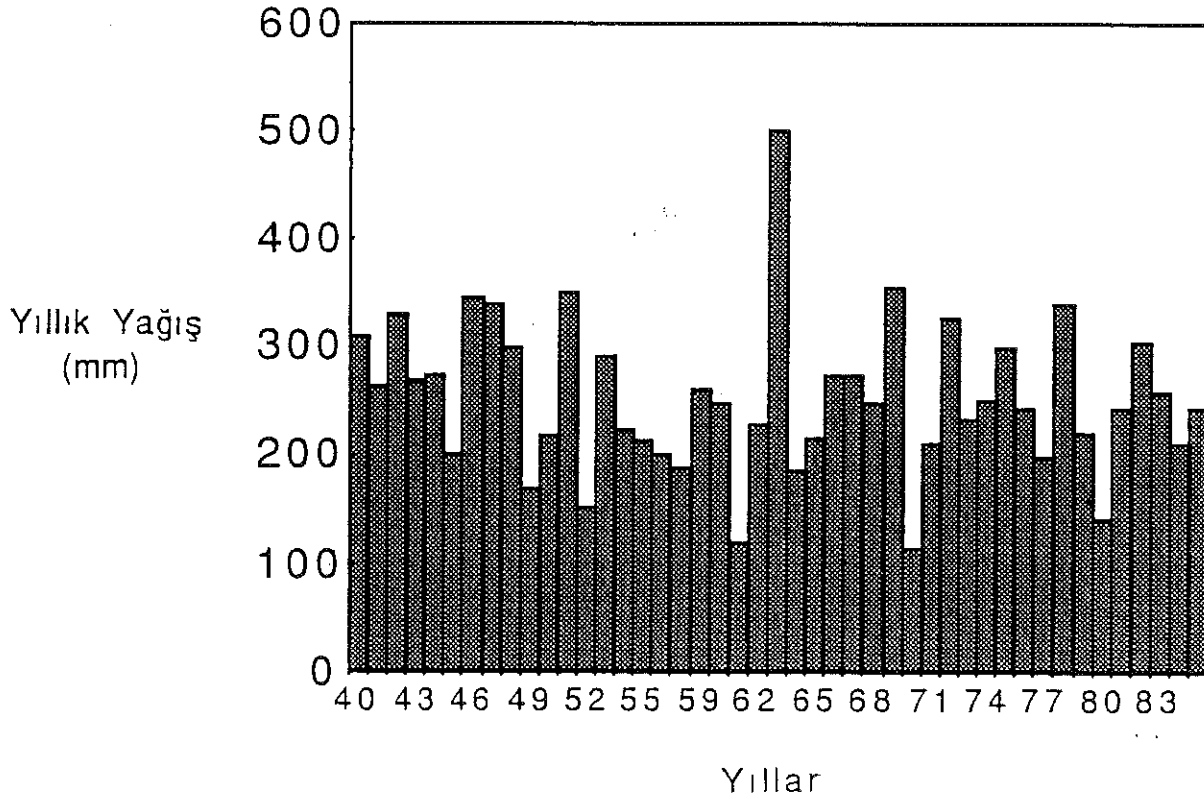




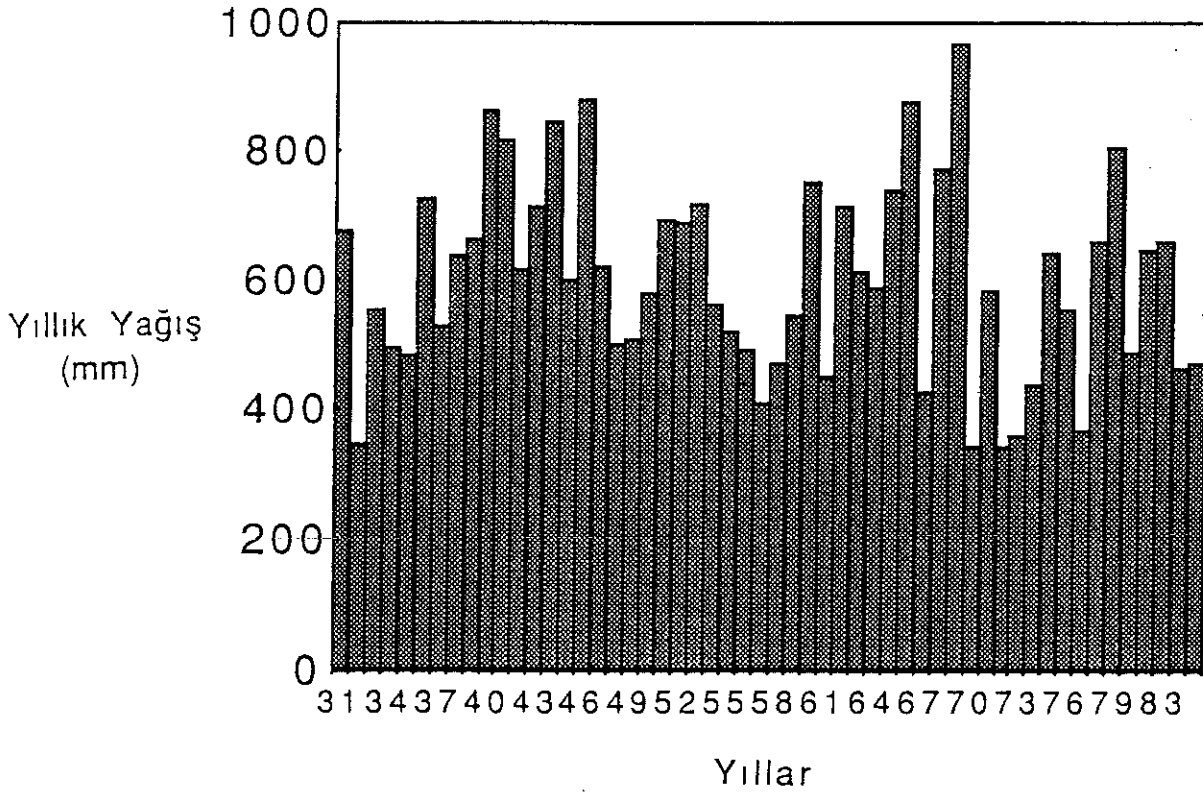
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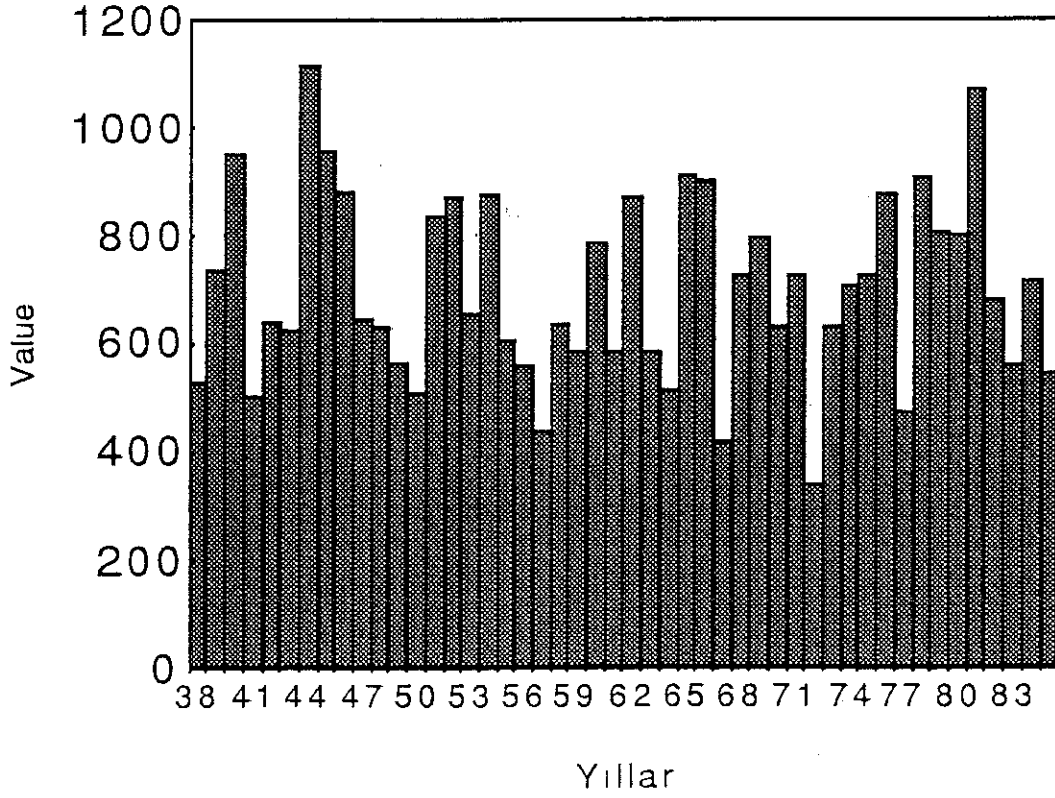
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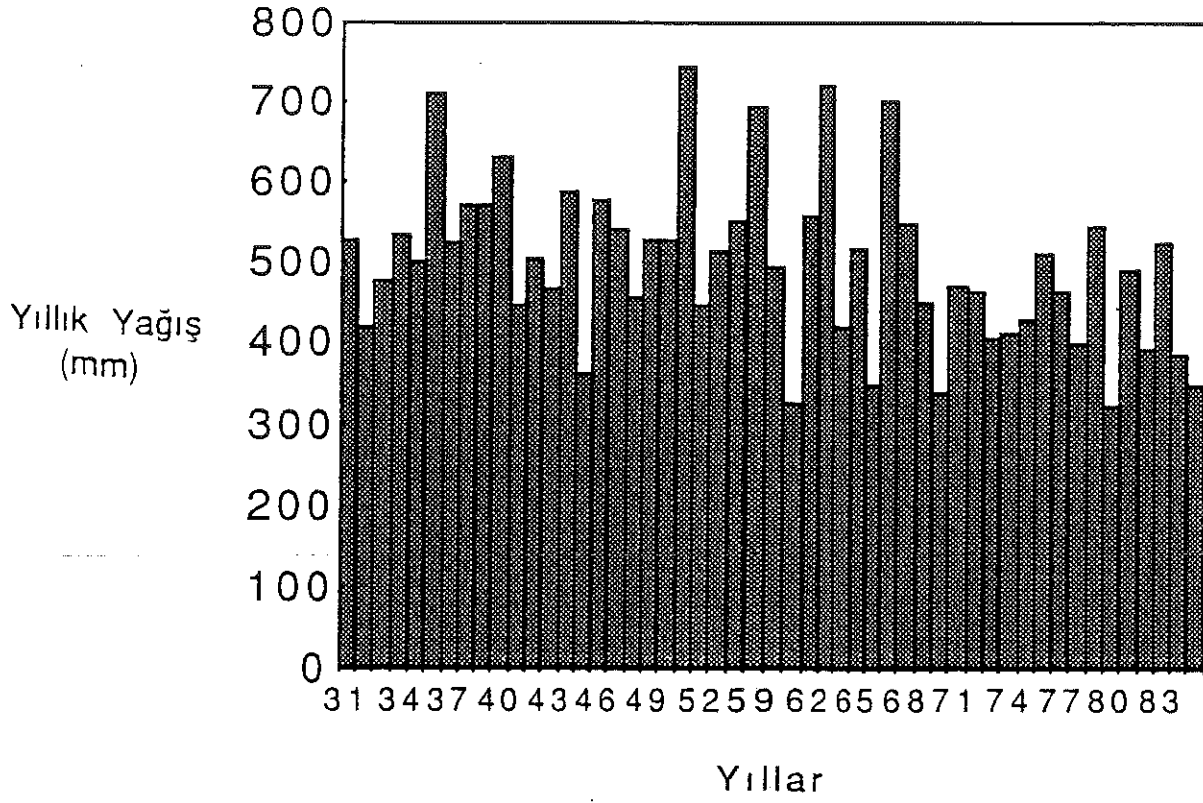
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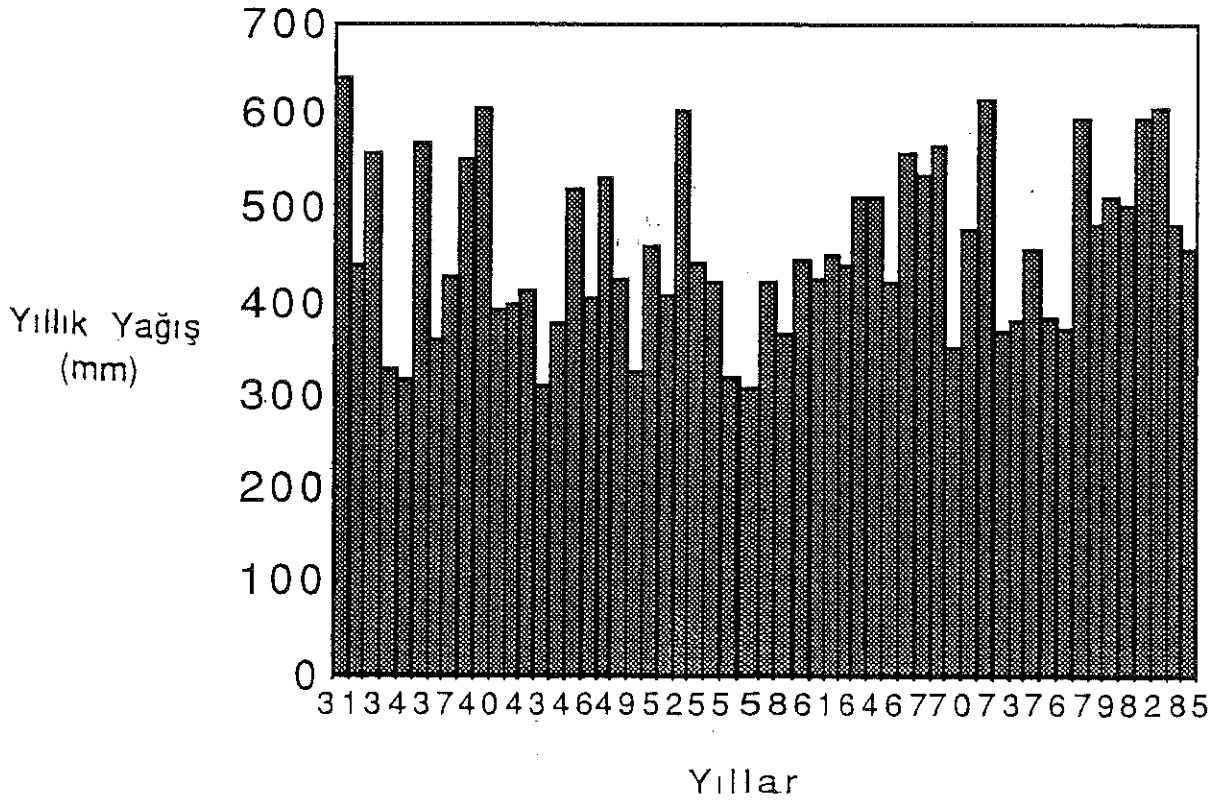
## İZMİR



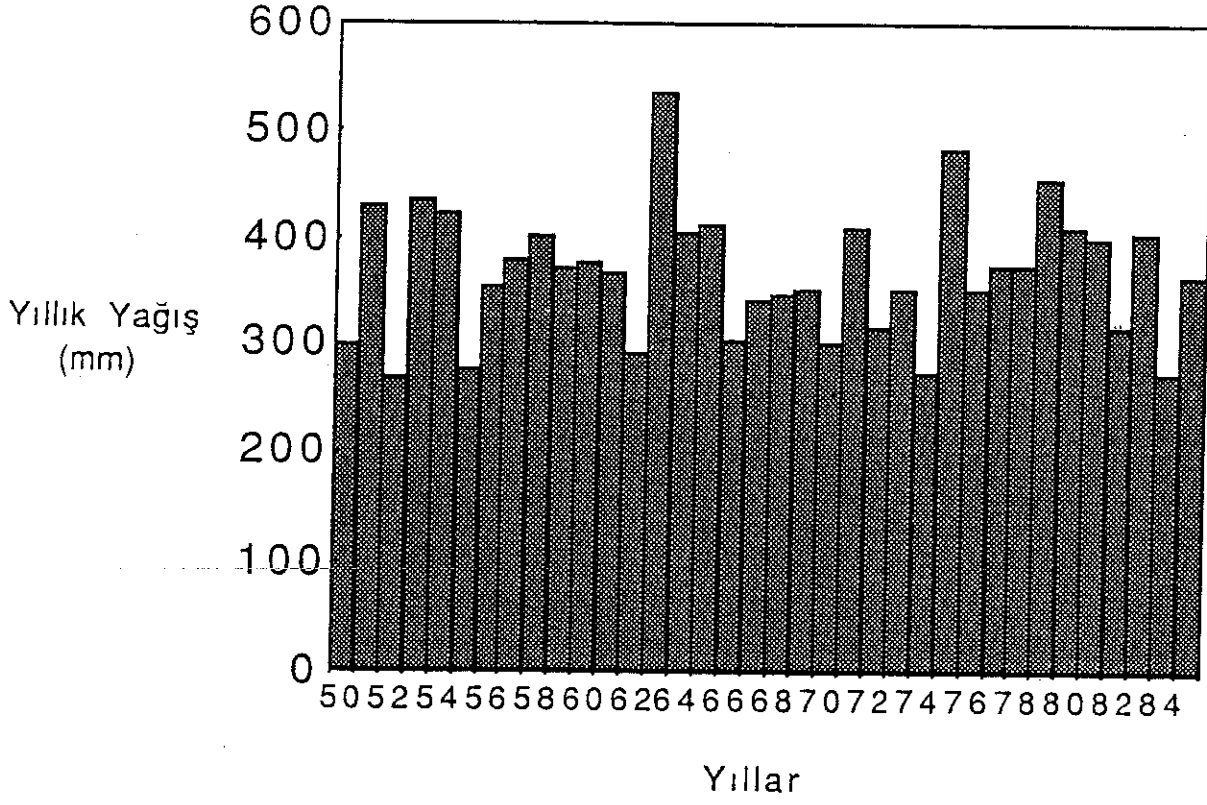
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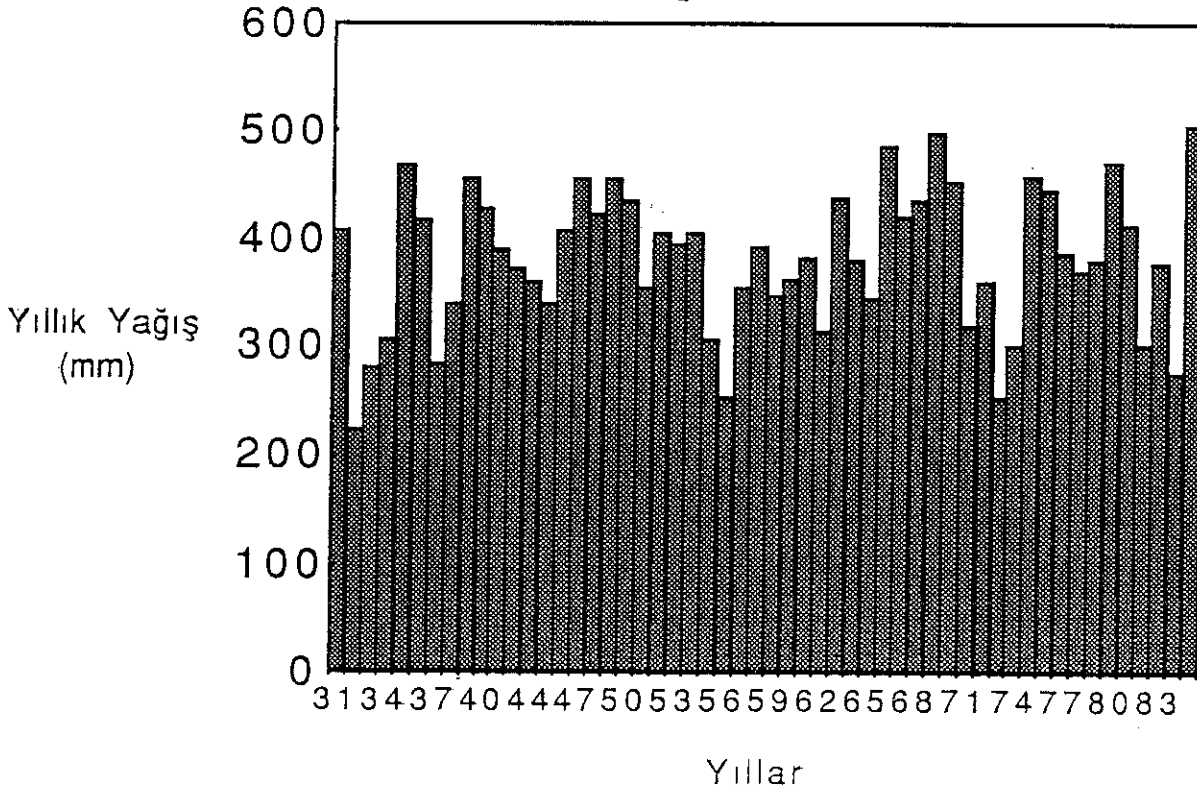
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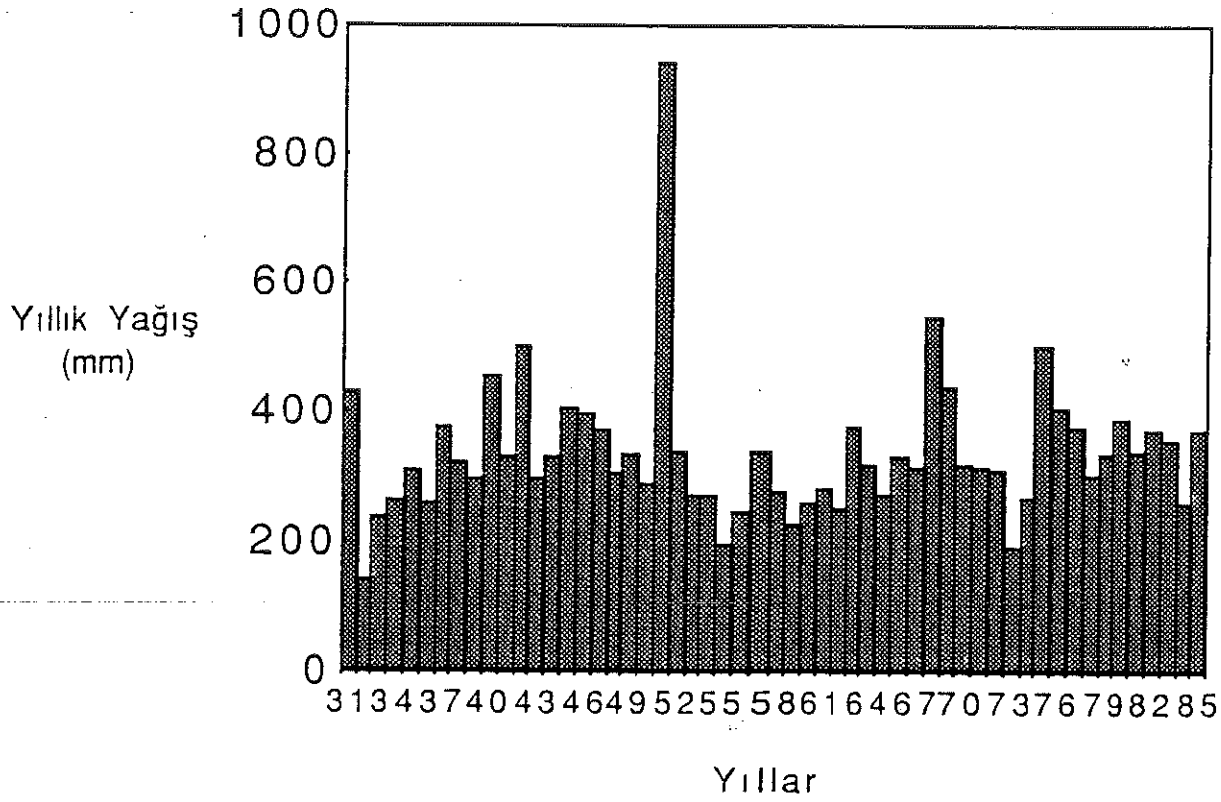
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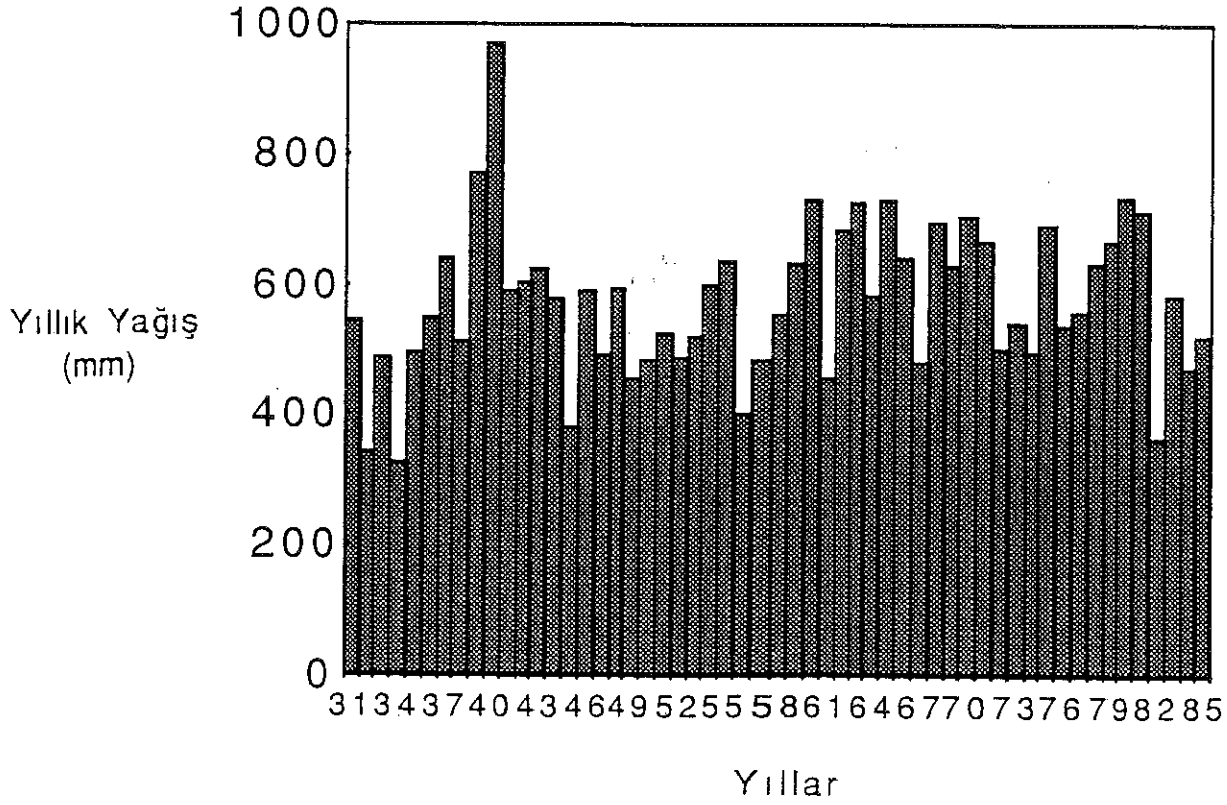
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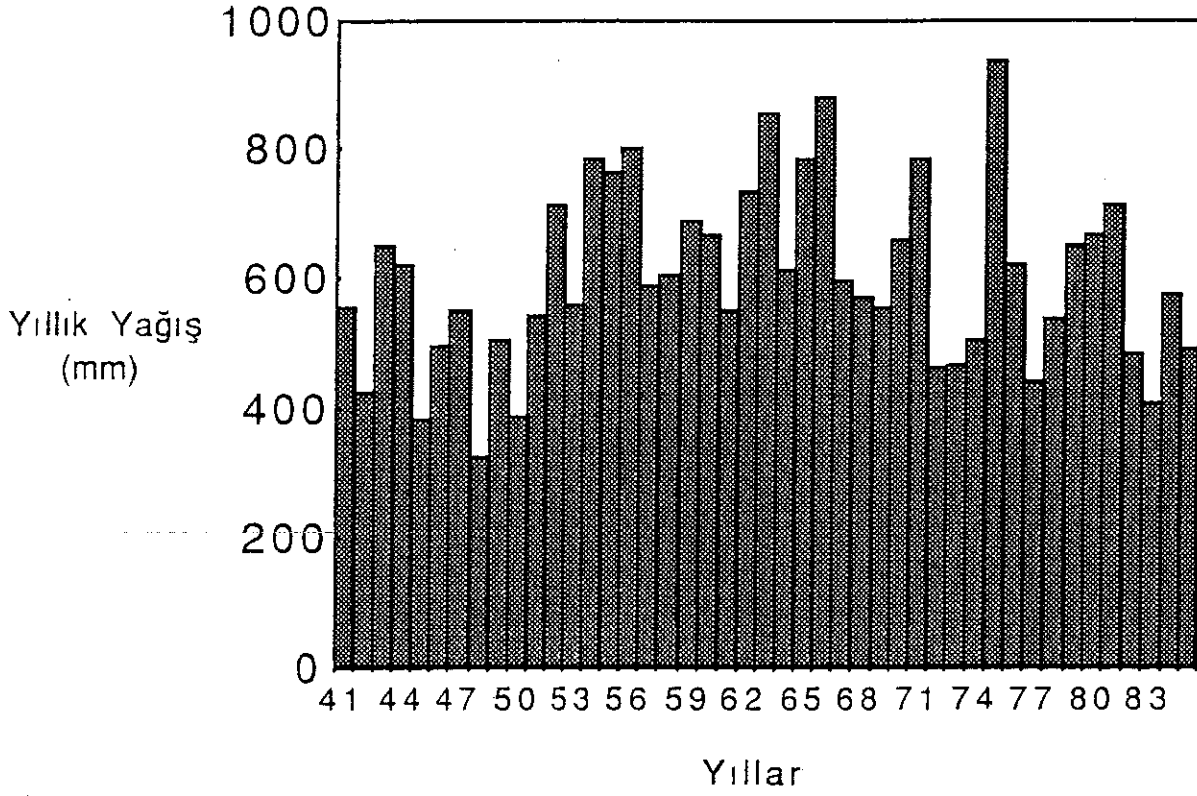
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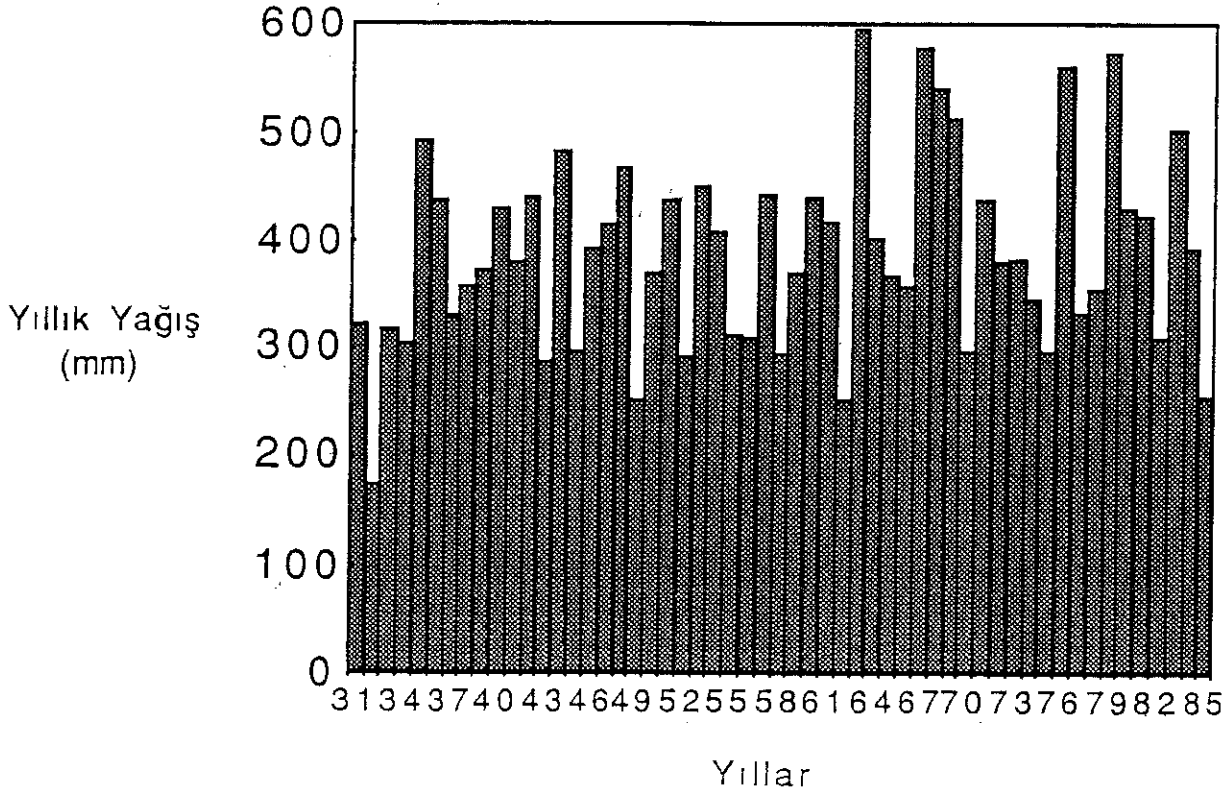
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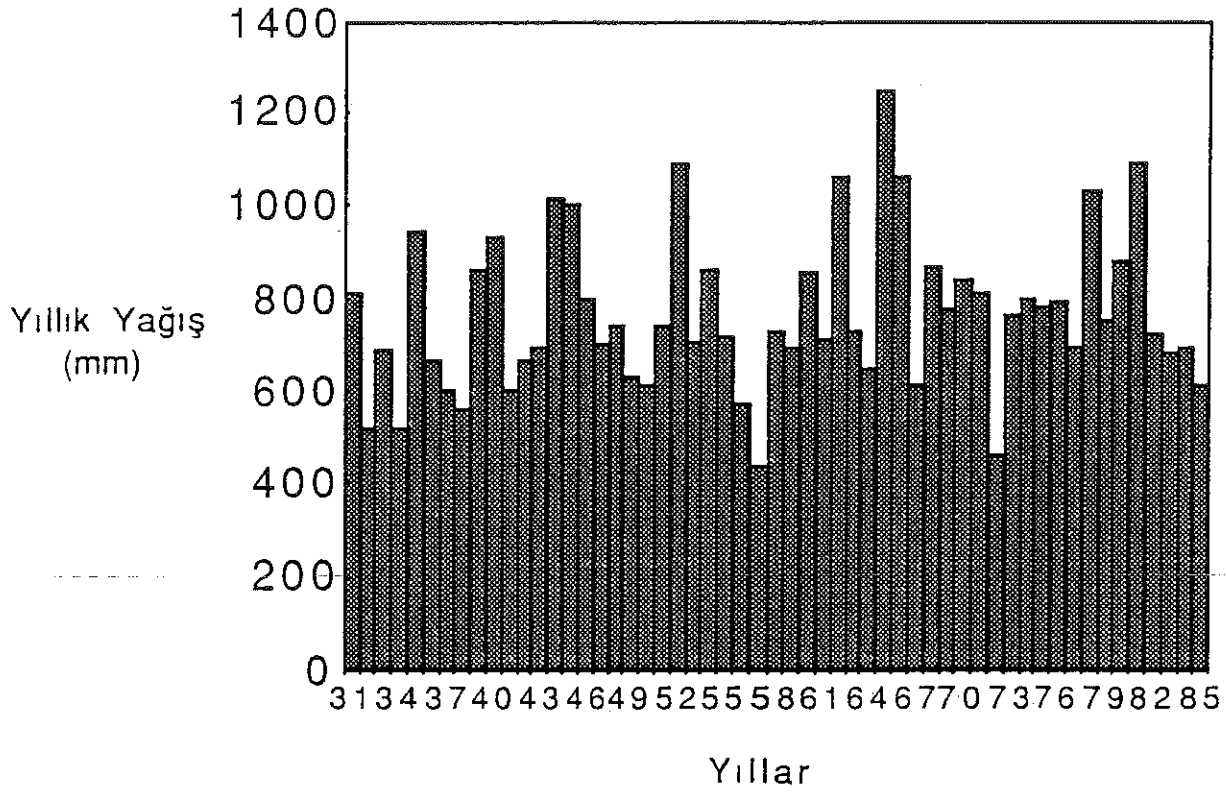
## LÜLEBURGAZ



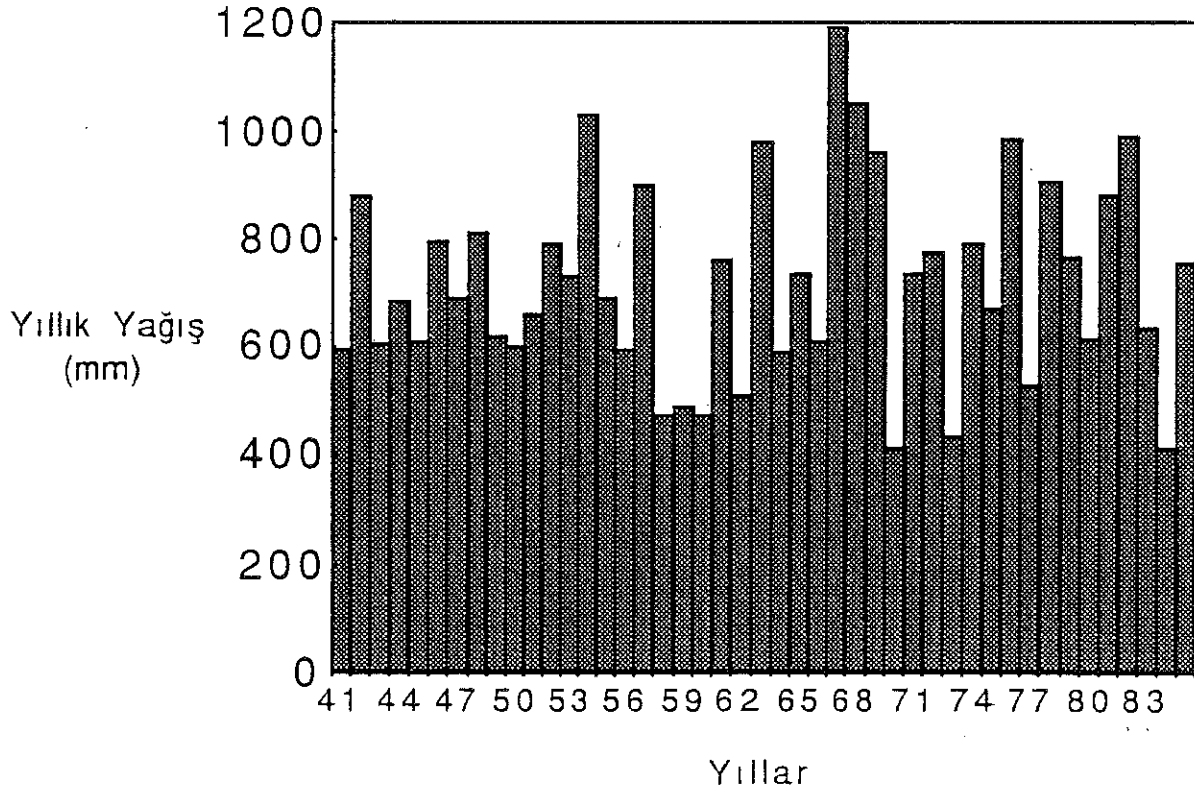
## MALATYA



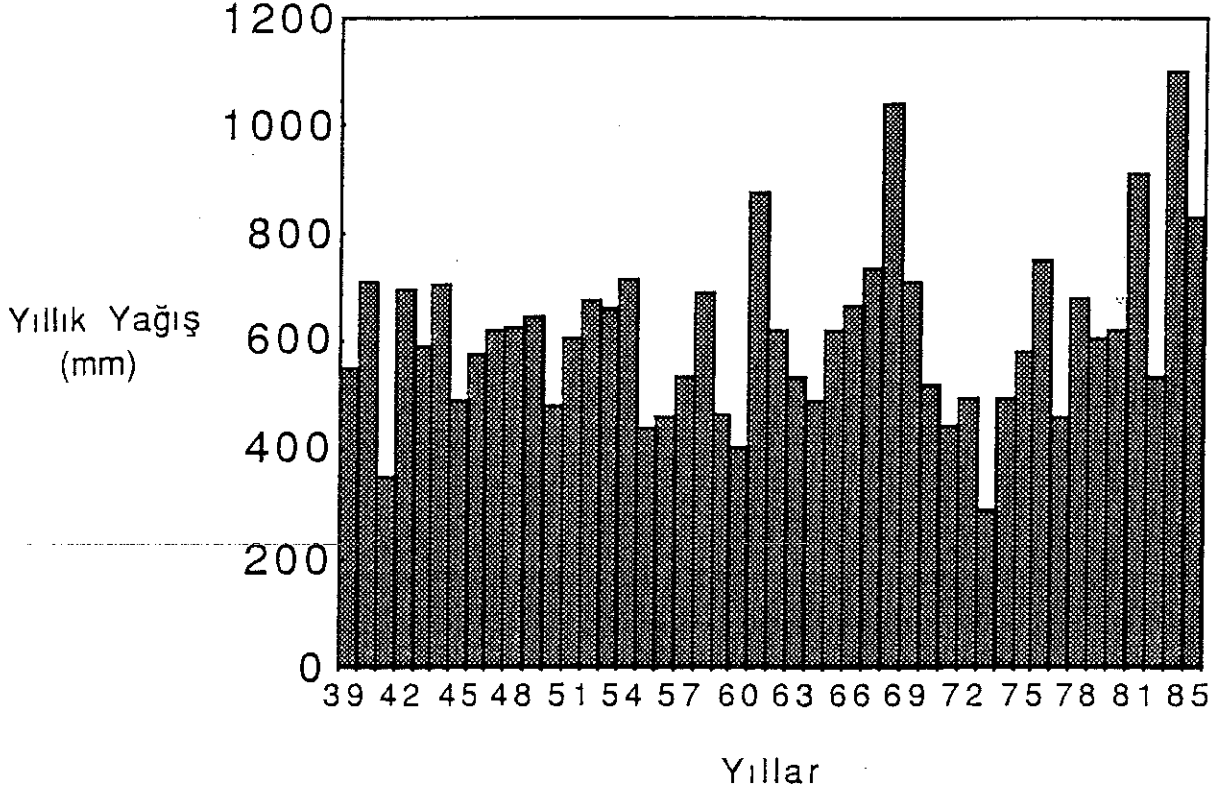
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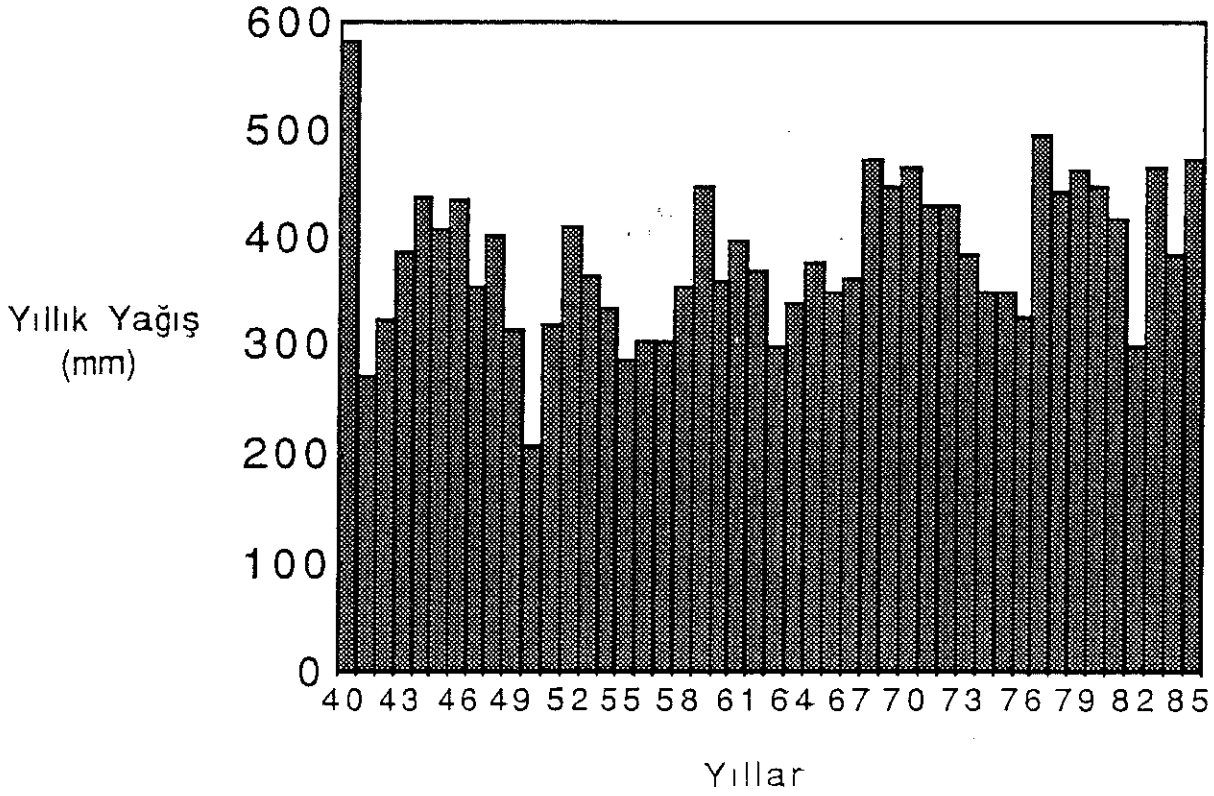
## MARDİN



## MERSİN

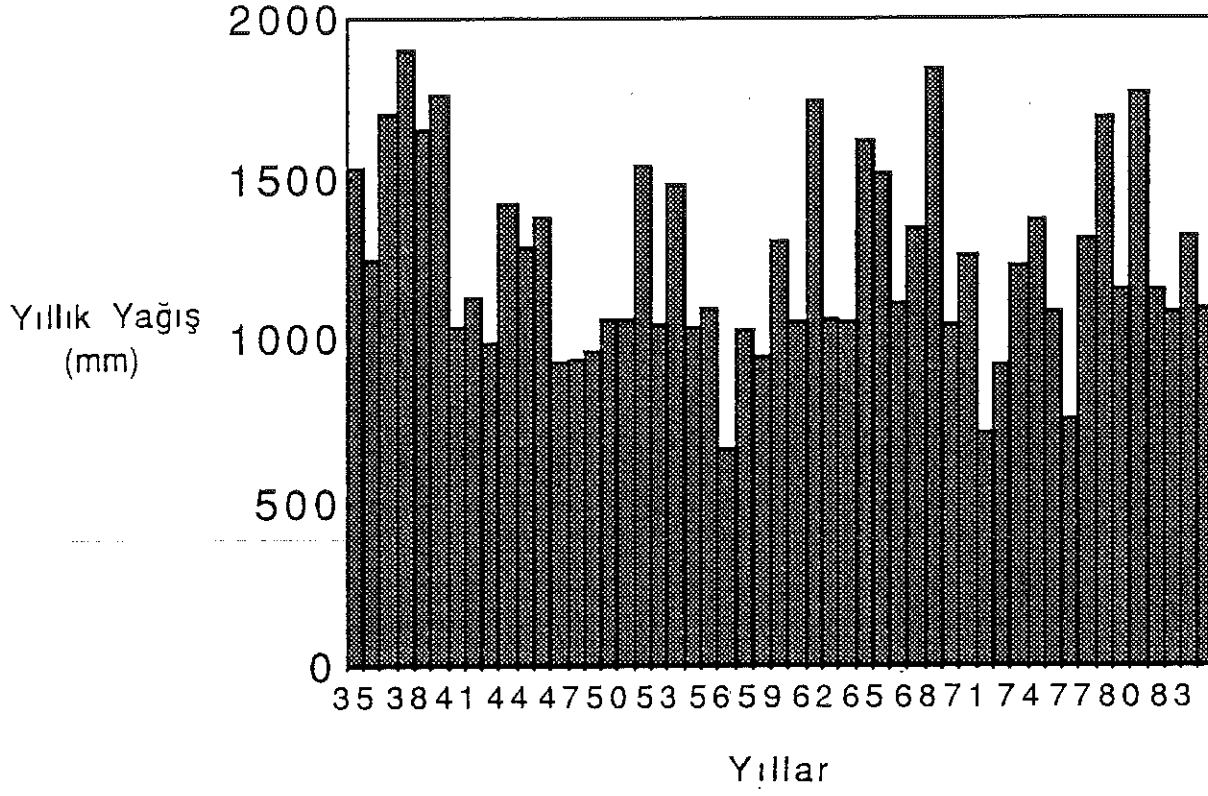


## MERZİFON

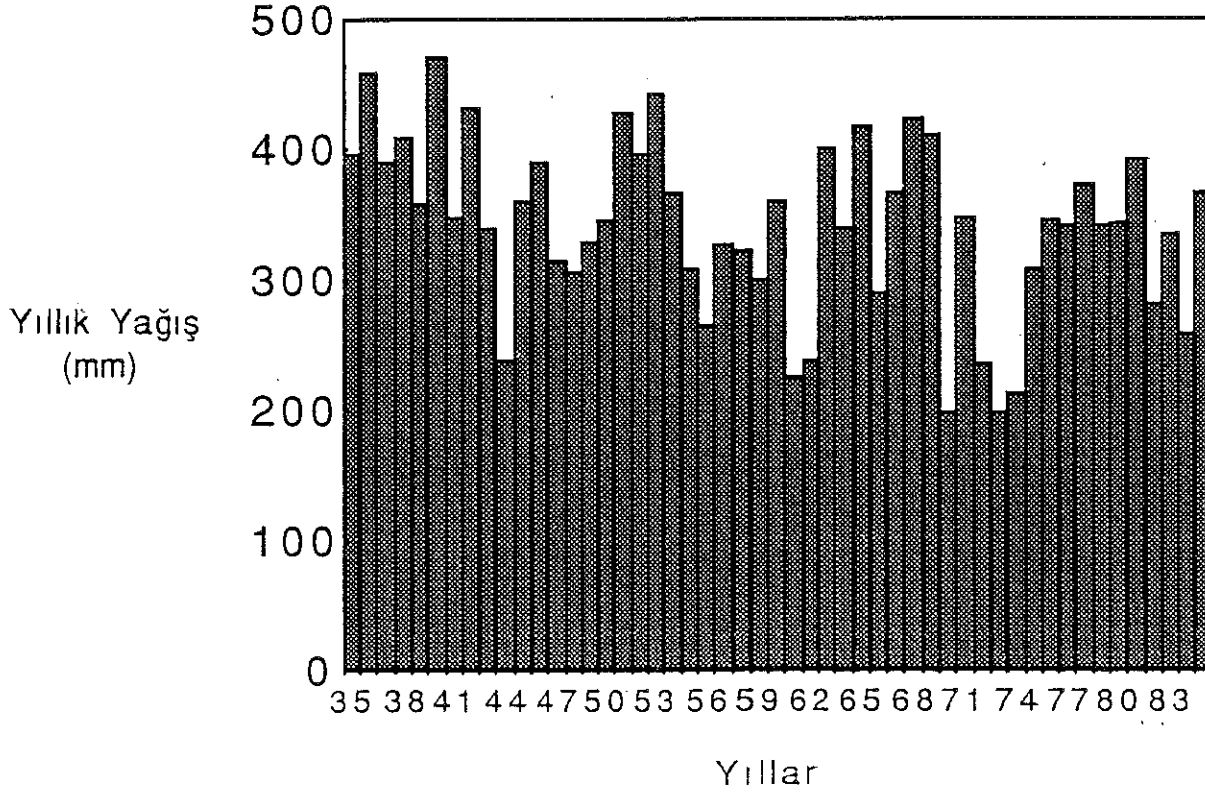




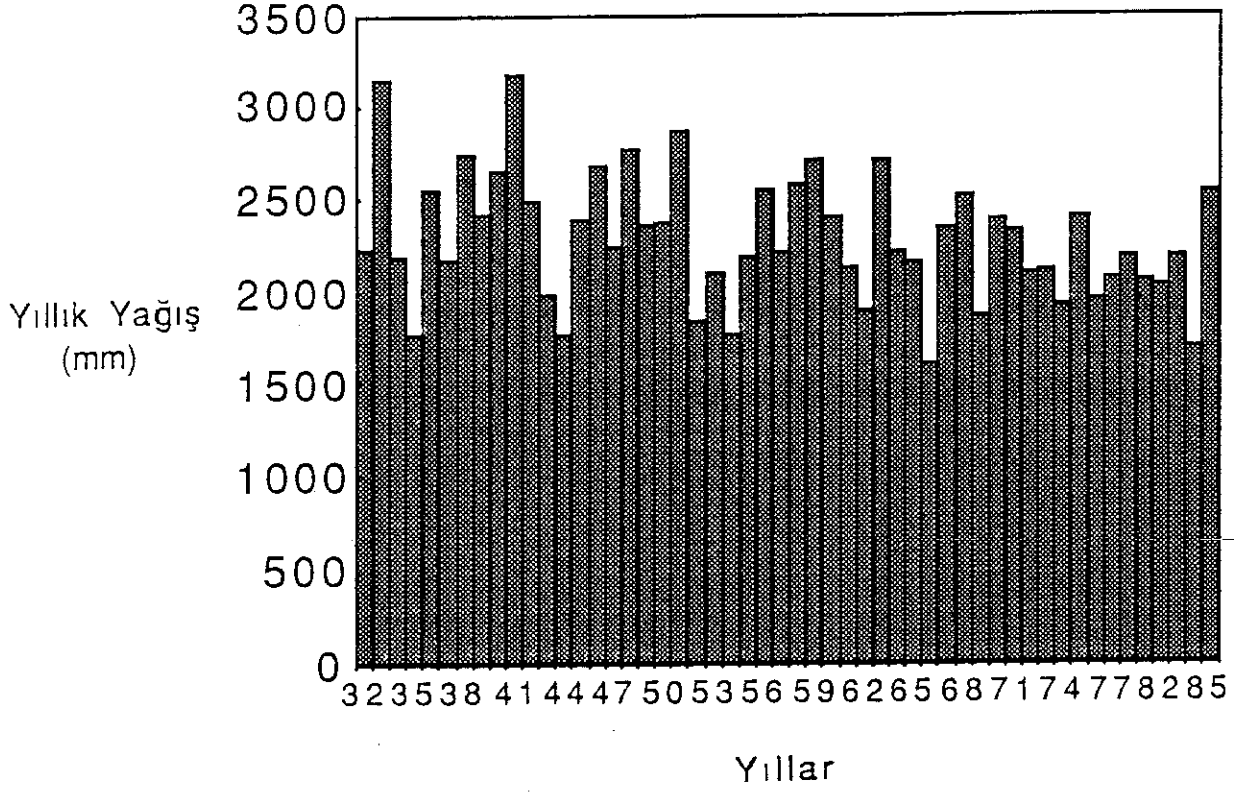
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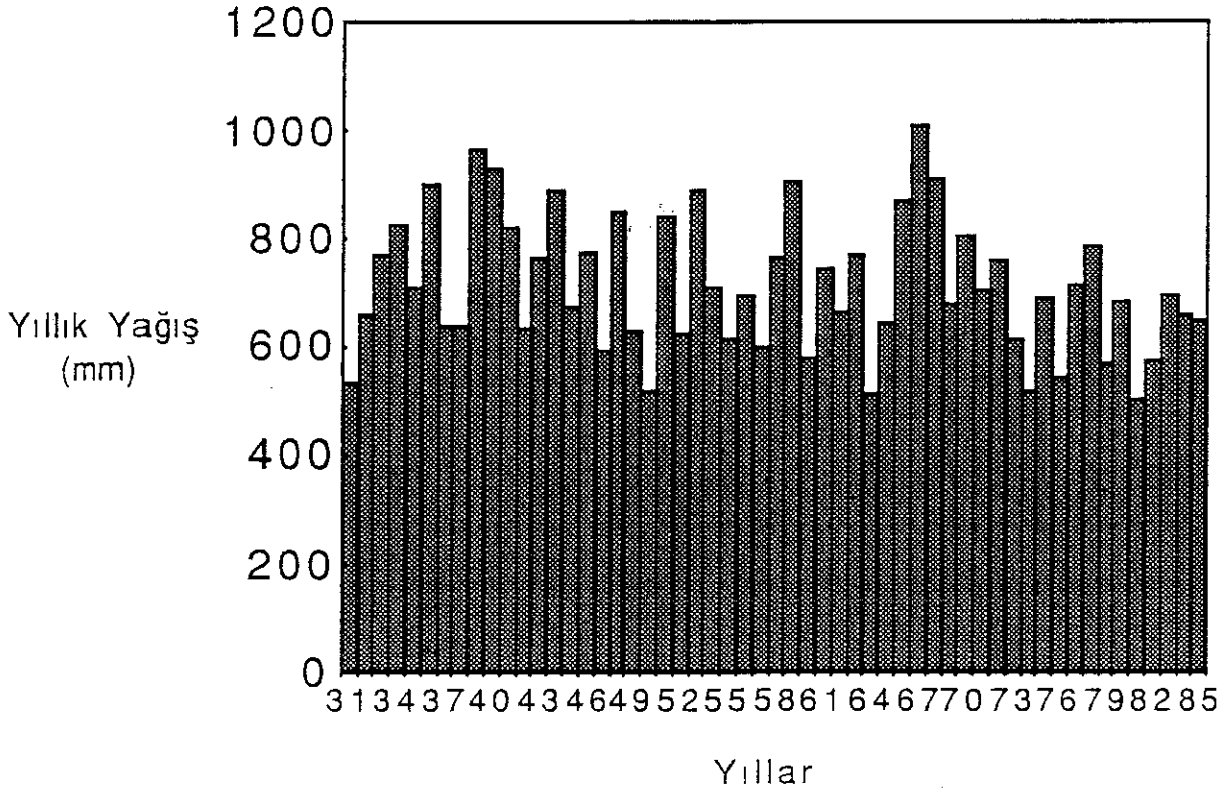
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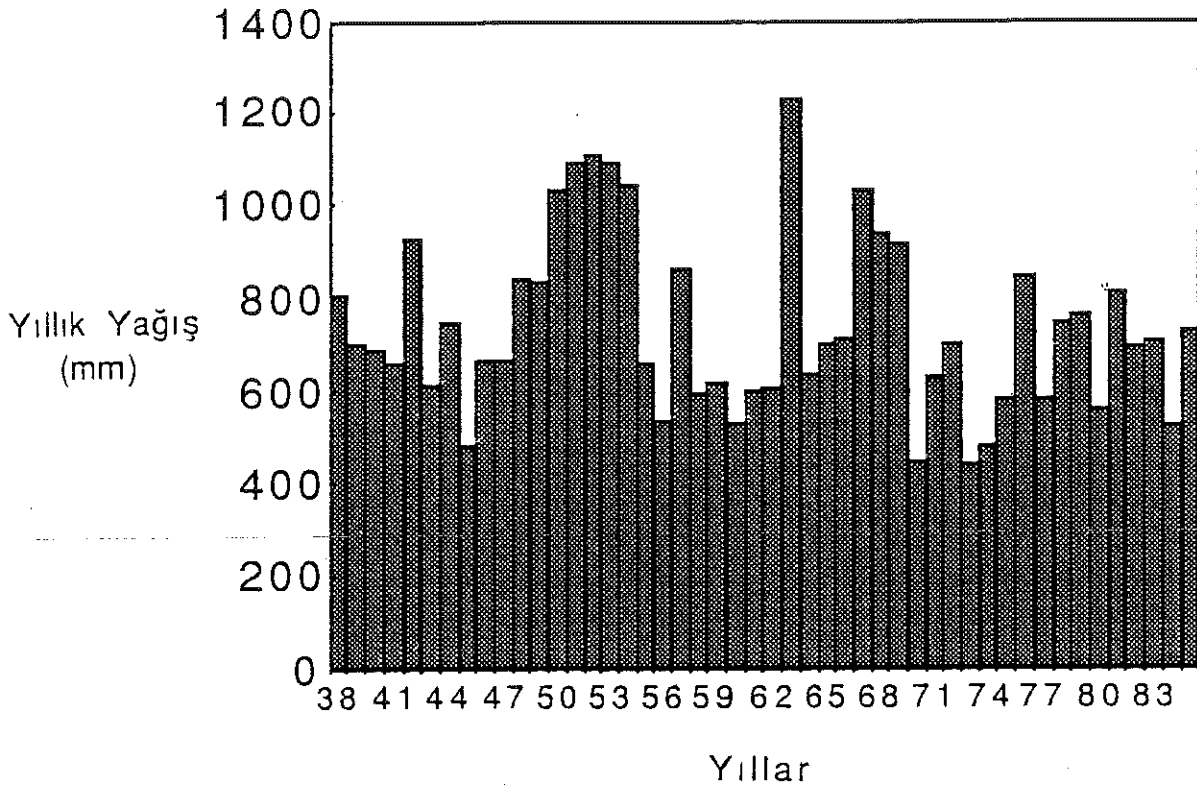
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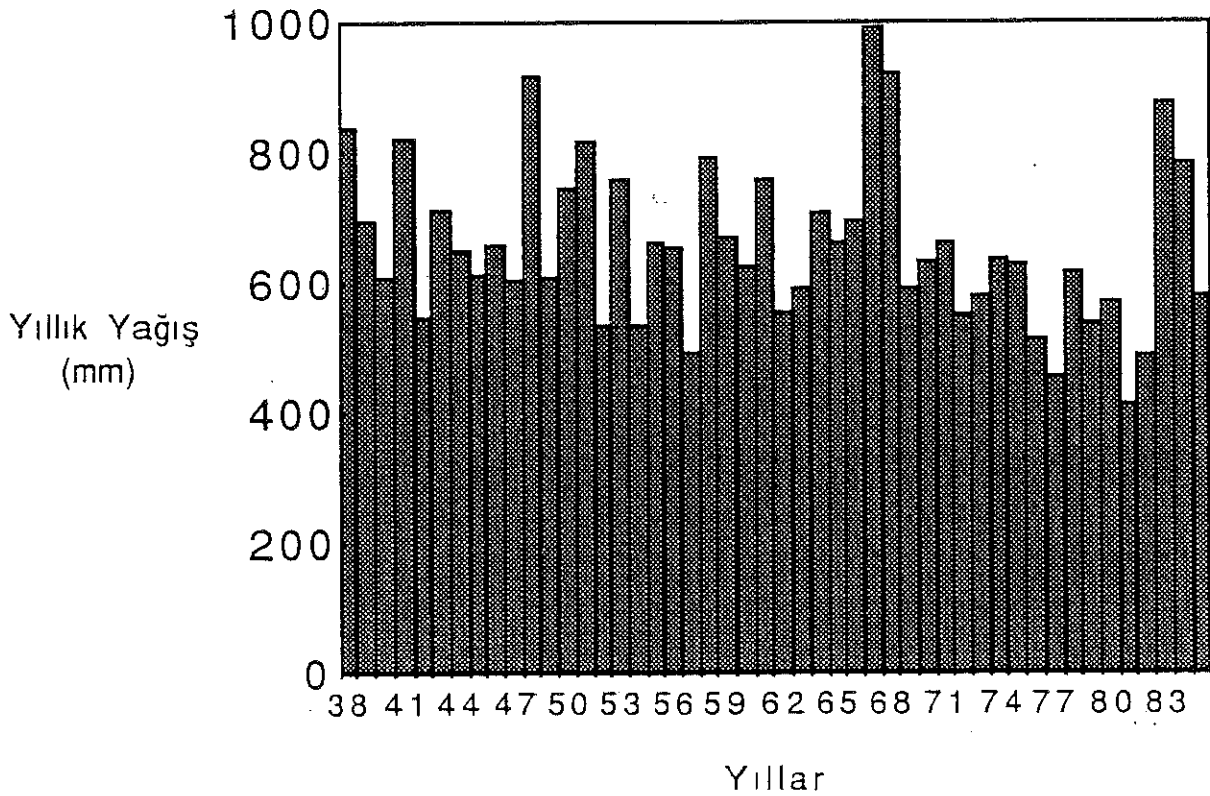
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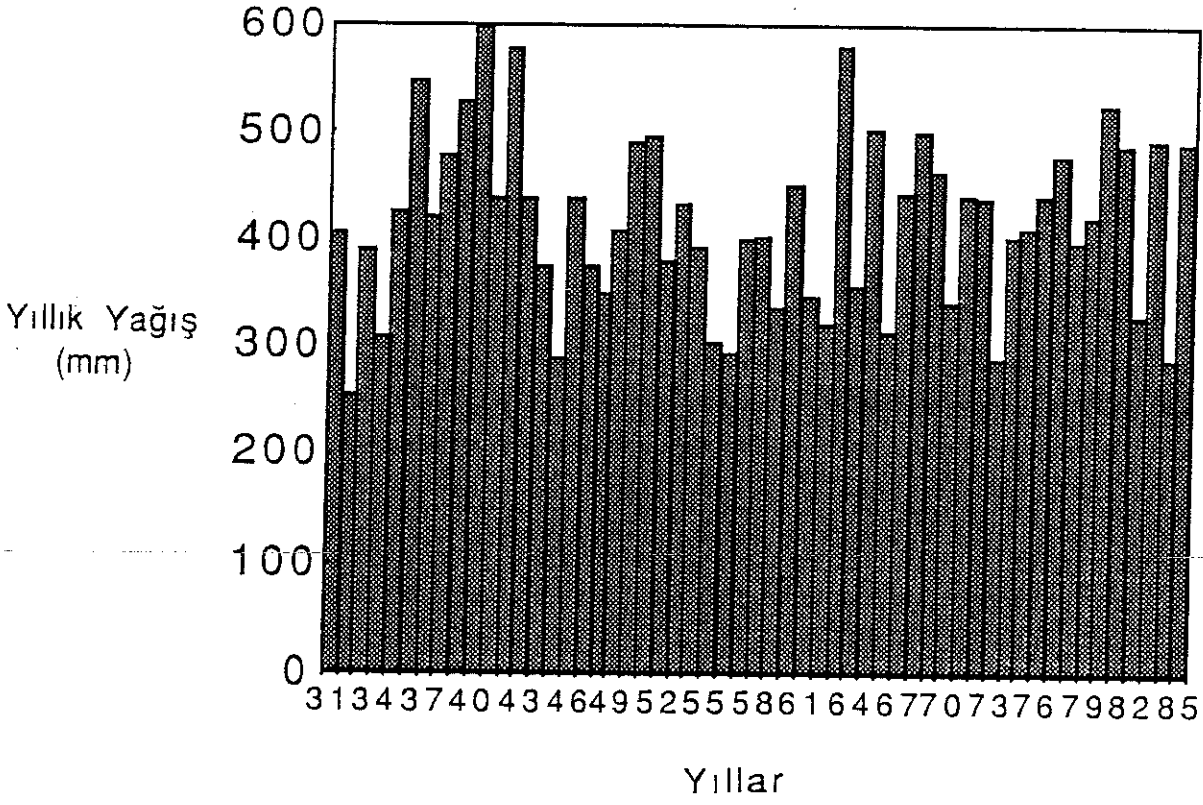
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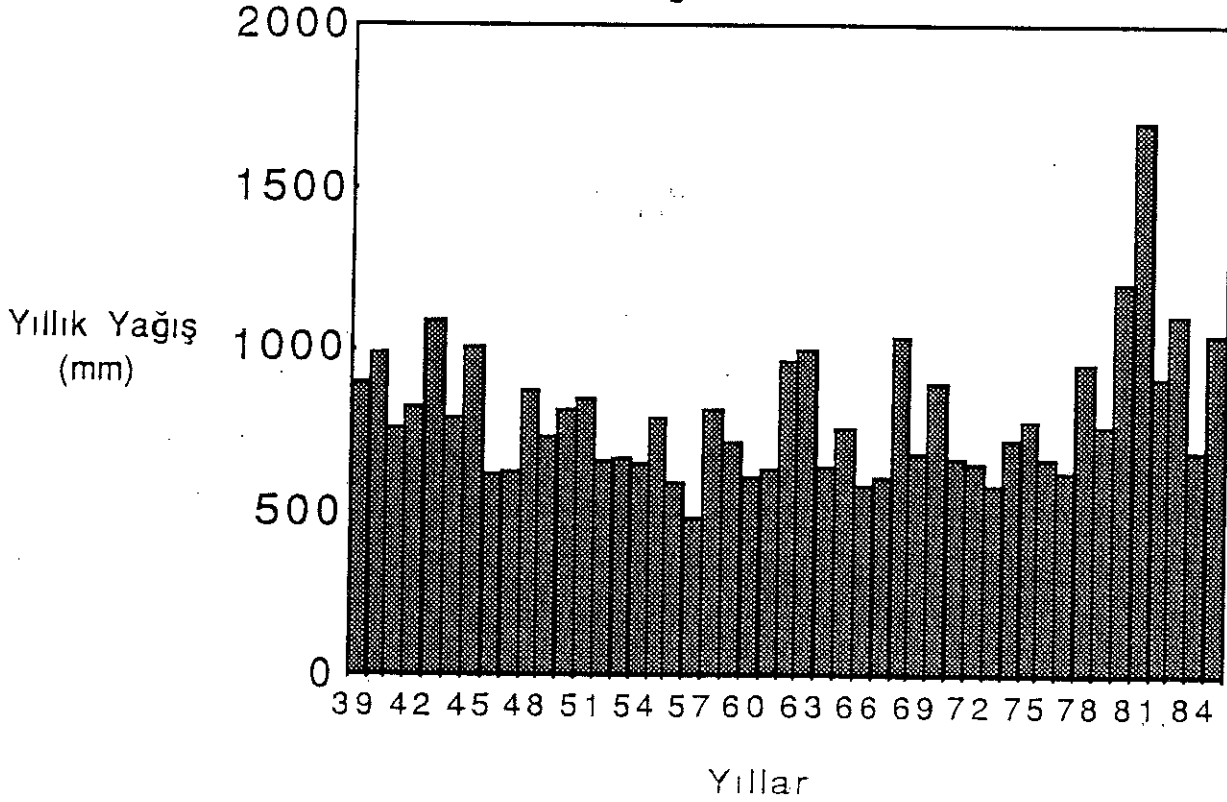
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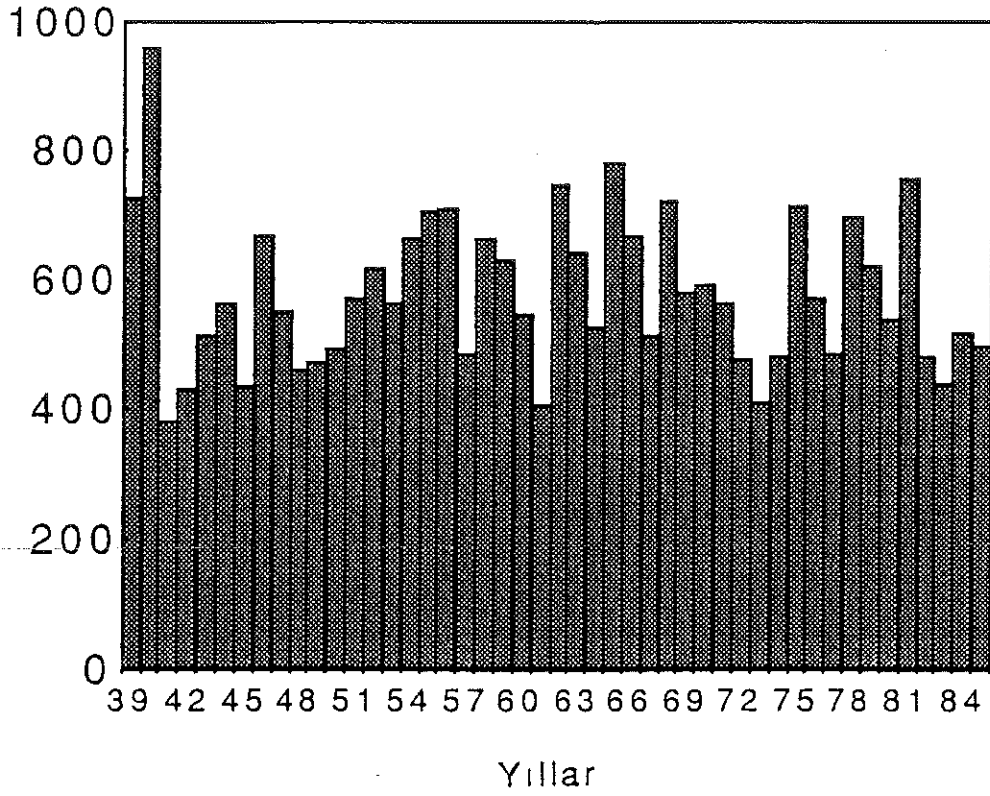
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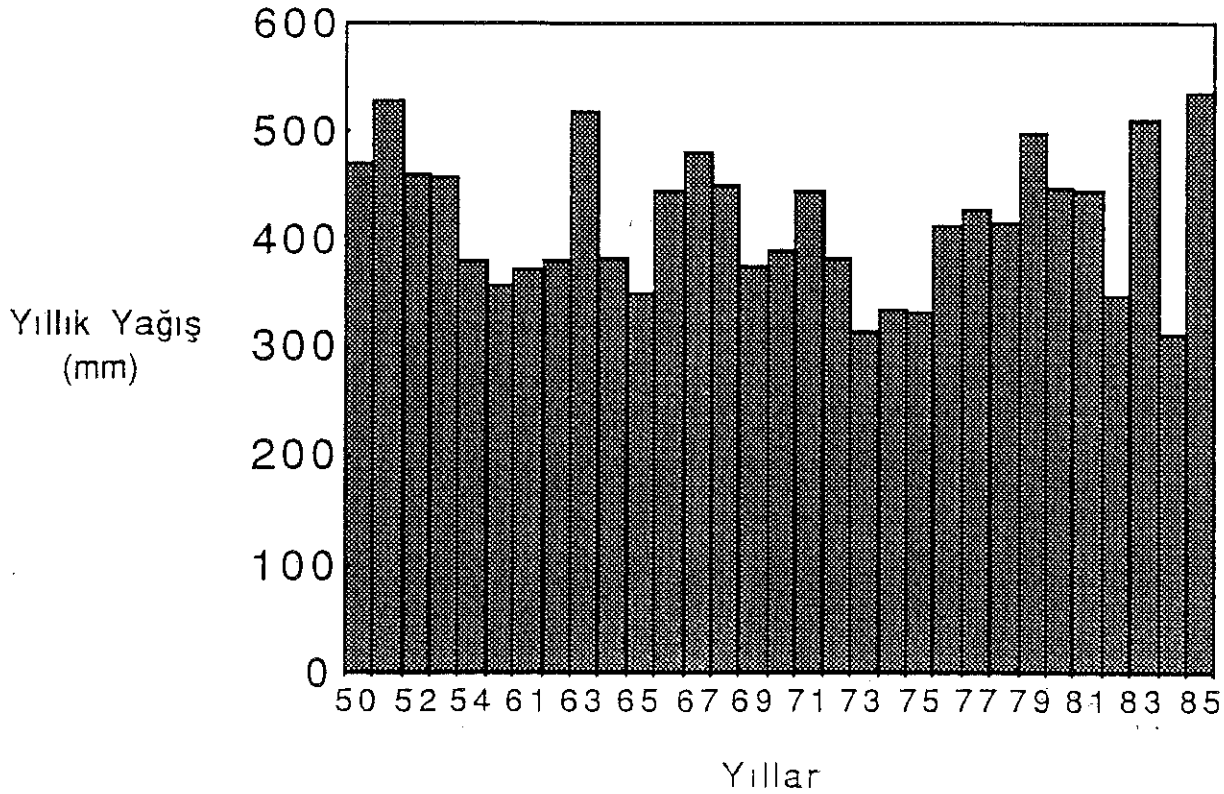
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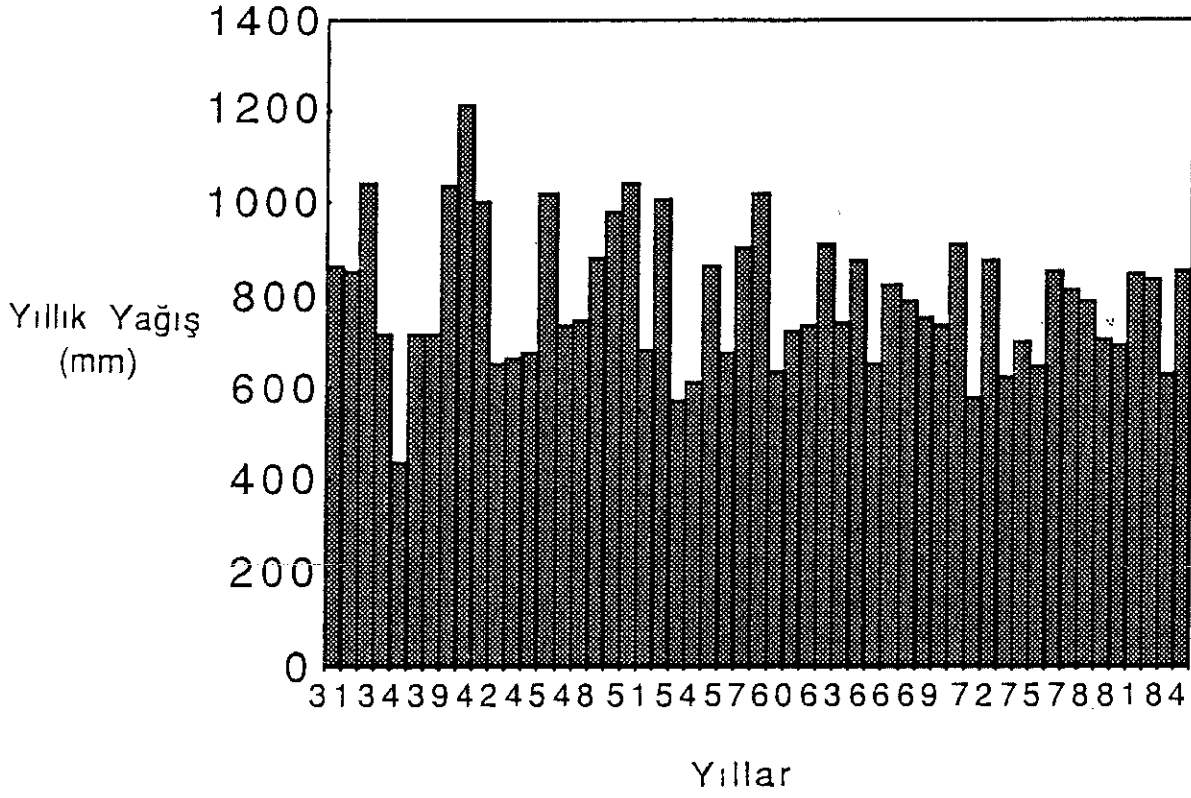
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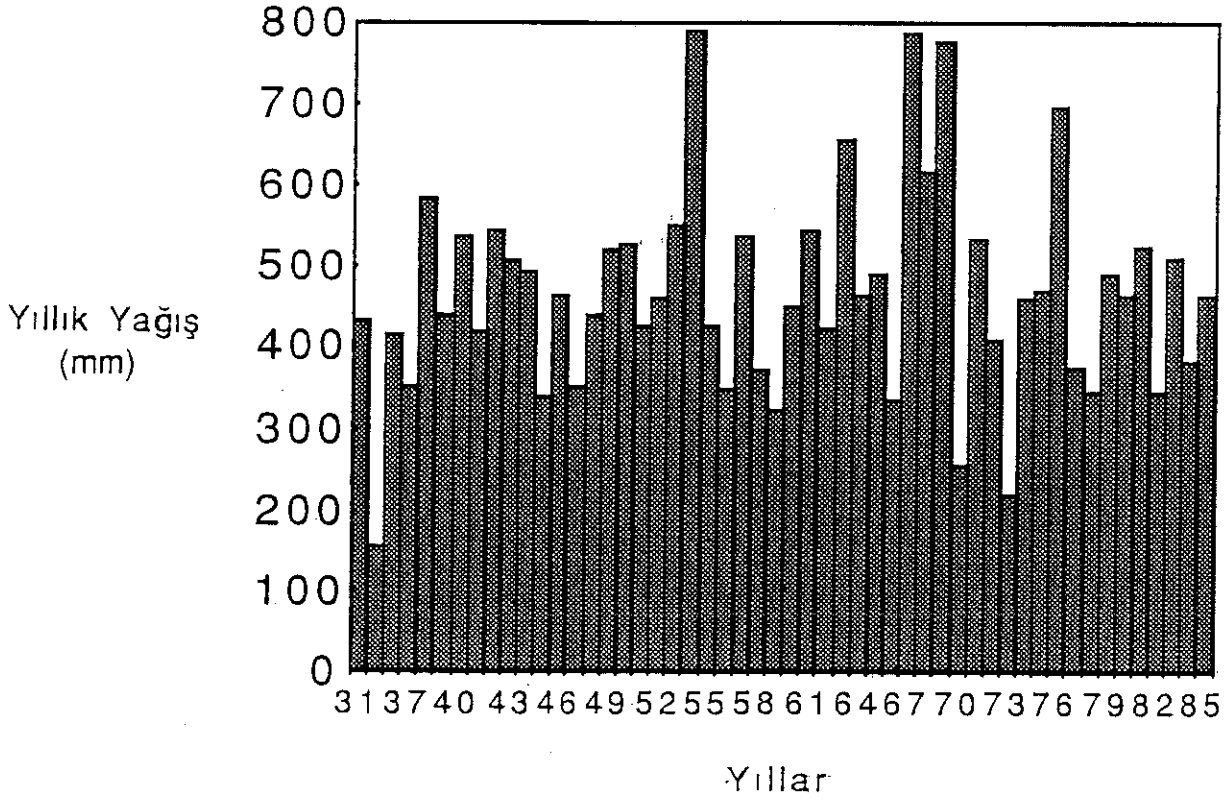
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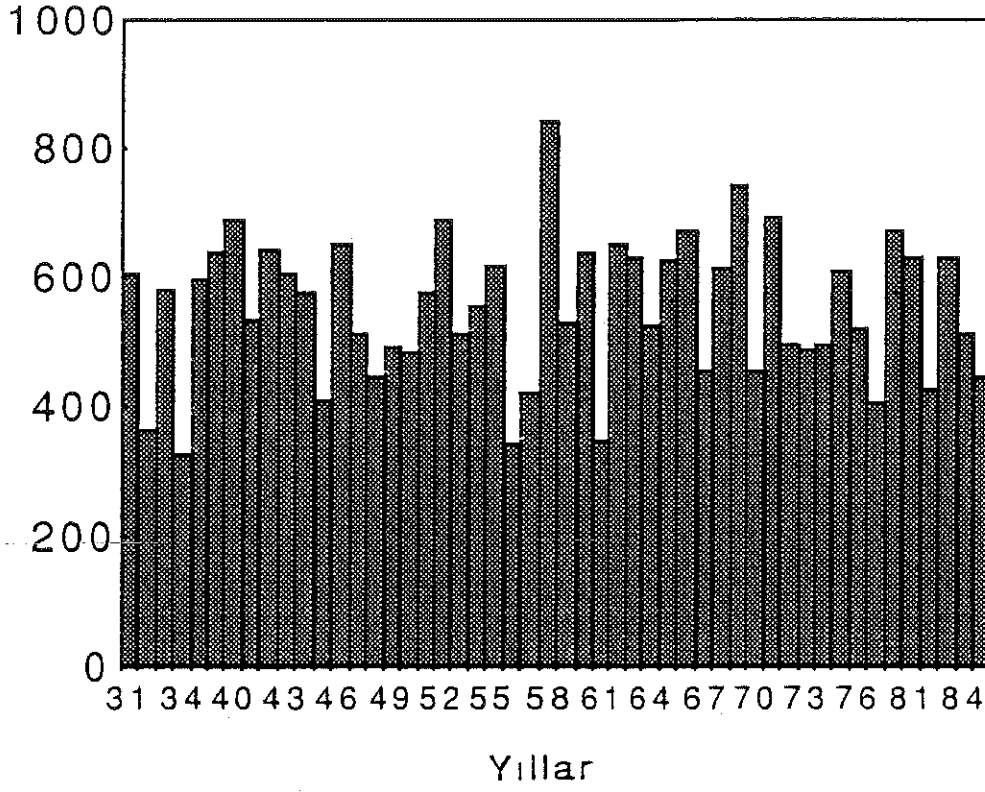
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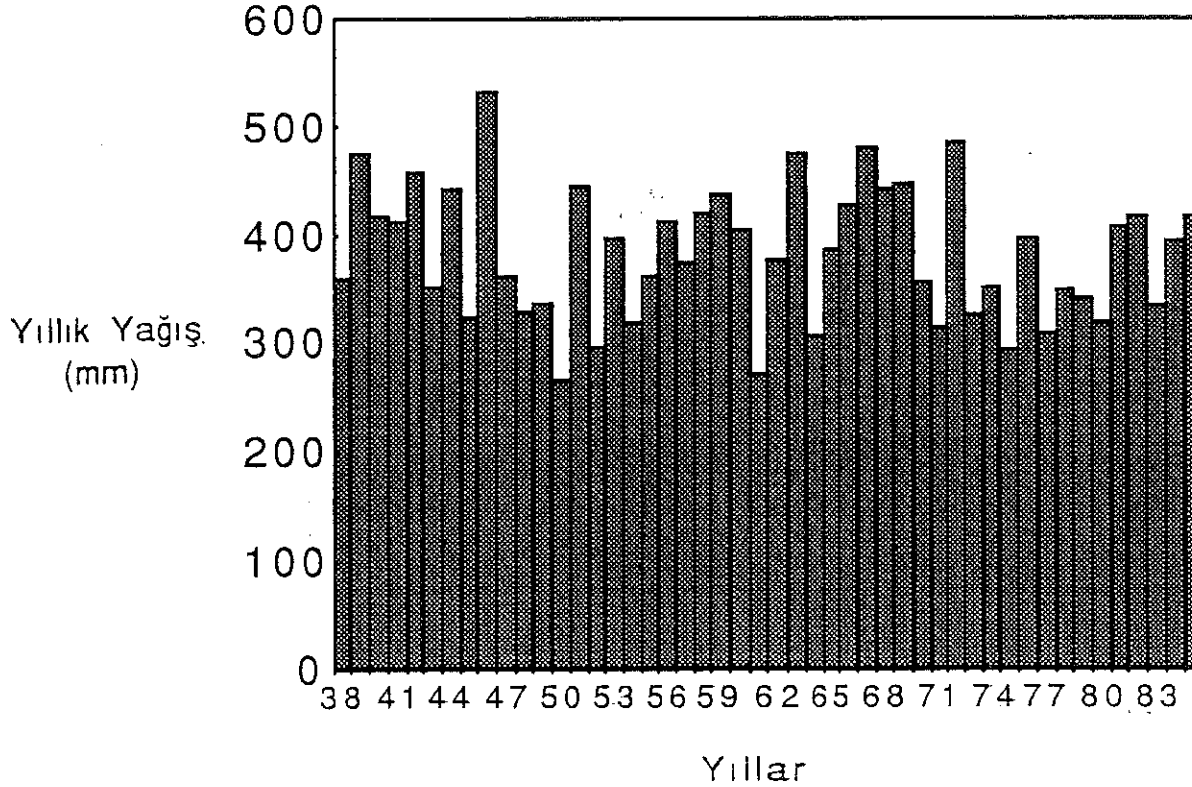
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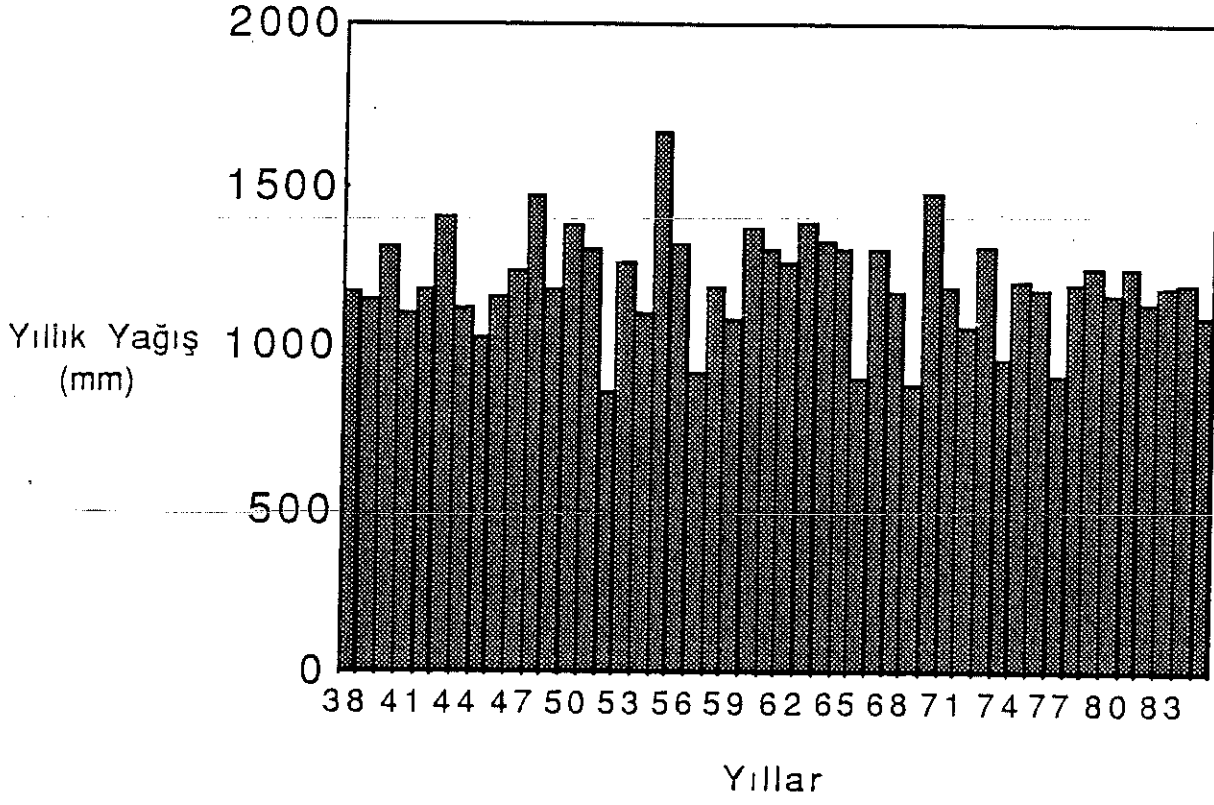
## UŞAK



## VAN



## ZONGULDAK.data

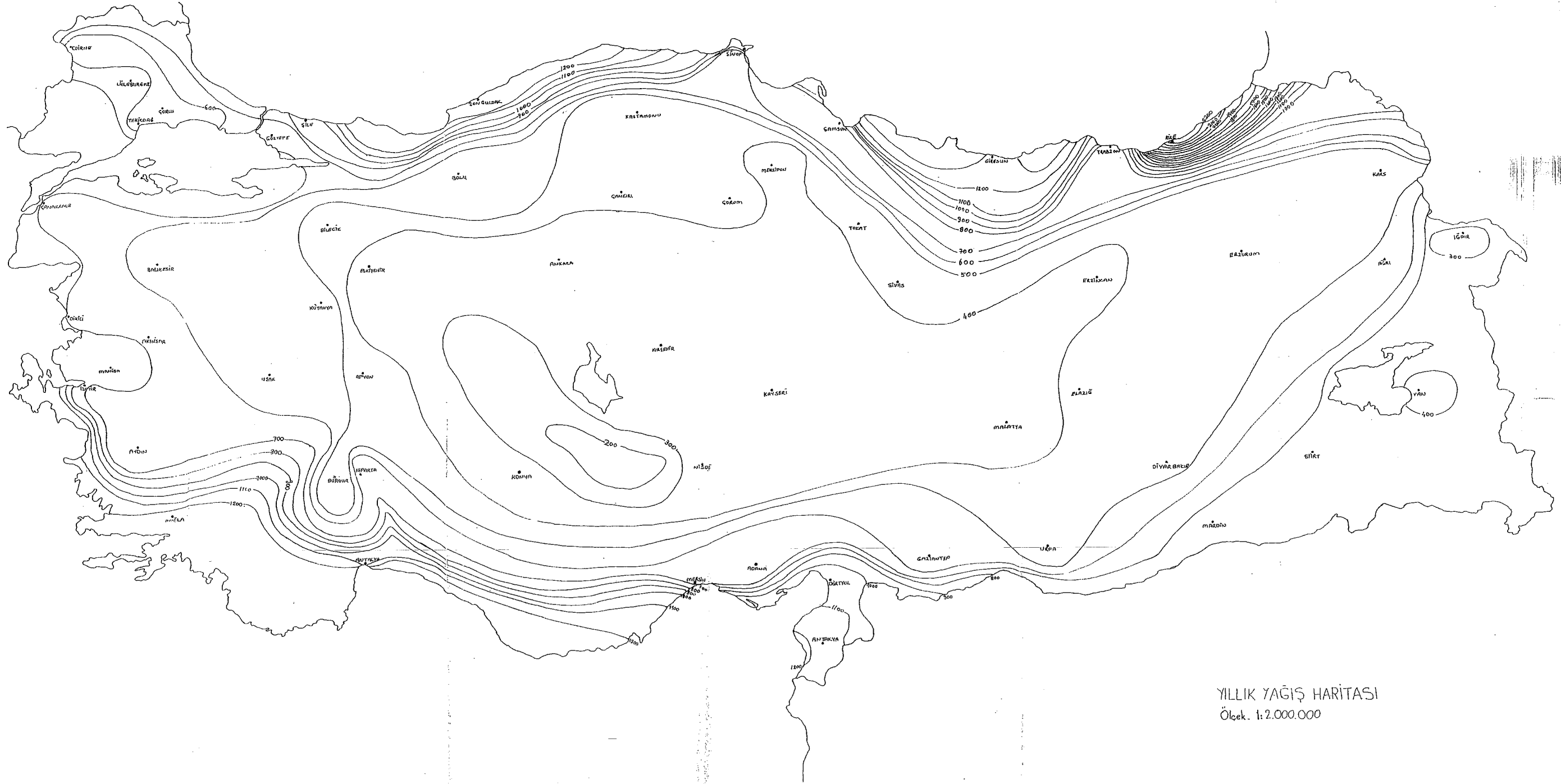




## KAYNAKLAR

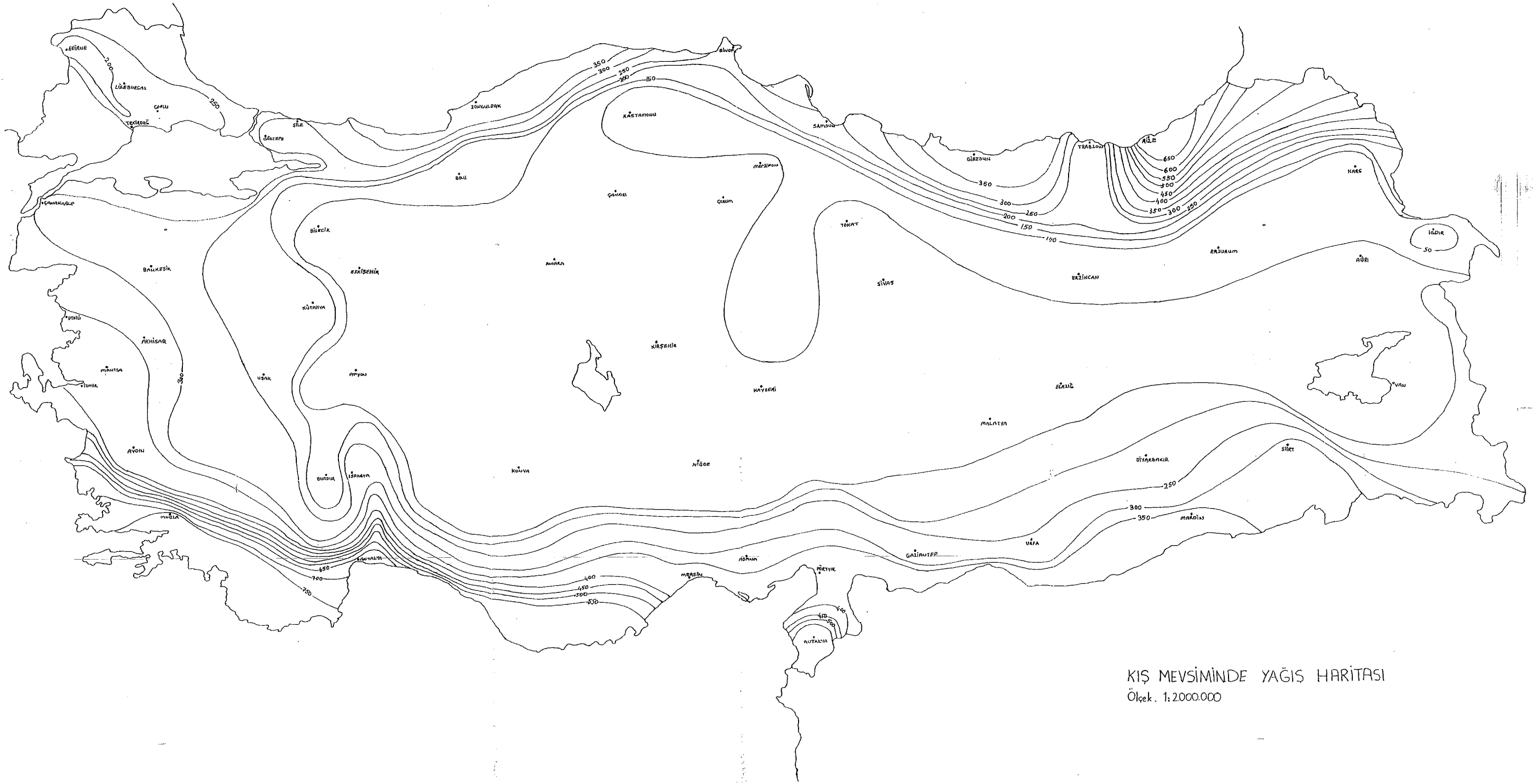
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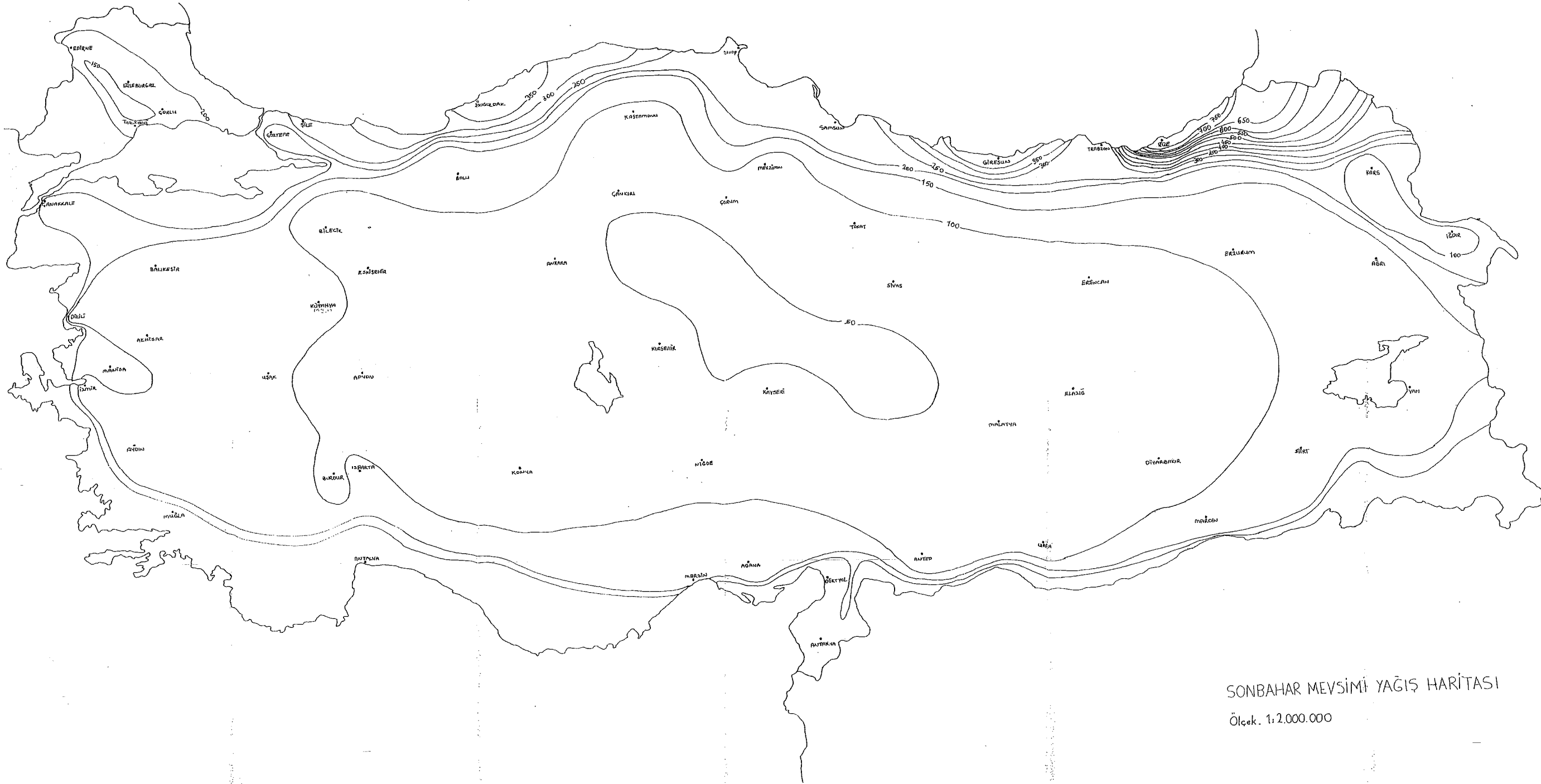
YILLIK YAĞIŞ HARİTASI  
Ölçek: 1:2.000.000

Haritanın orijinali aydınır kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.



KIŞ MEVSİMİNDE YAĞIŞ HARİTASI  
Ölçek. 1:2.000.000

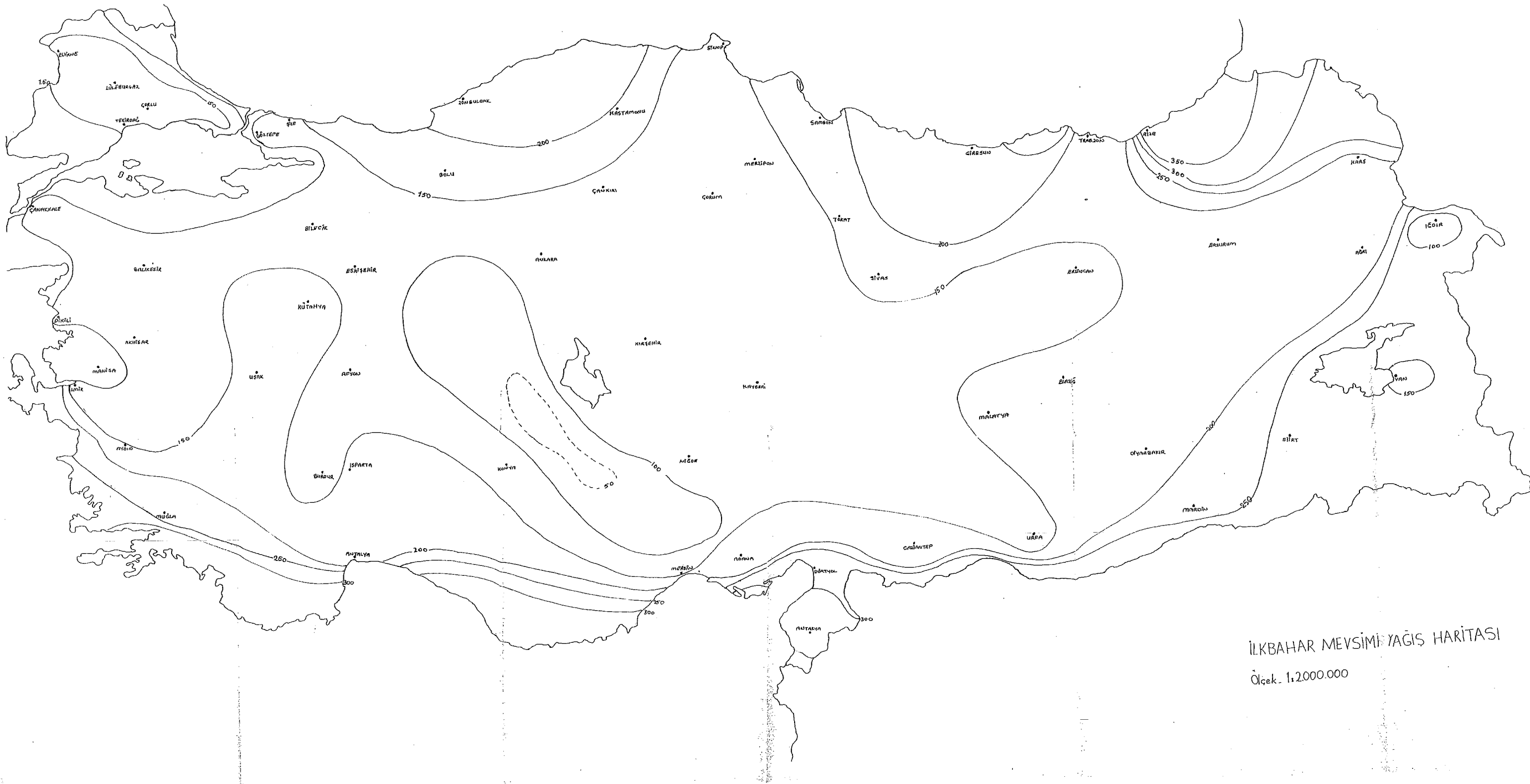
Haritanın orijinali aydınlar kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.



SONBAHAR MEVSİMİ YAĞIŞ HARİTASI

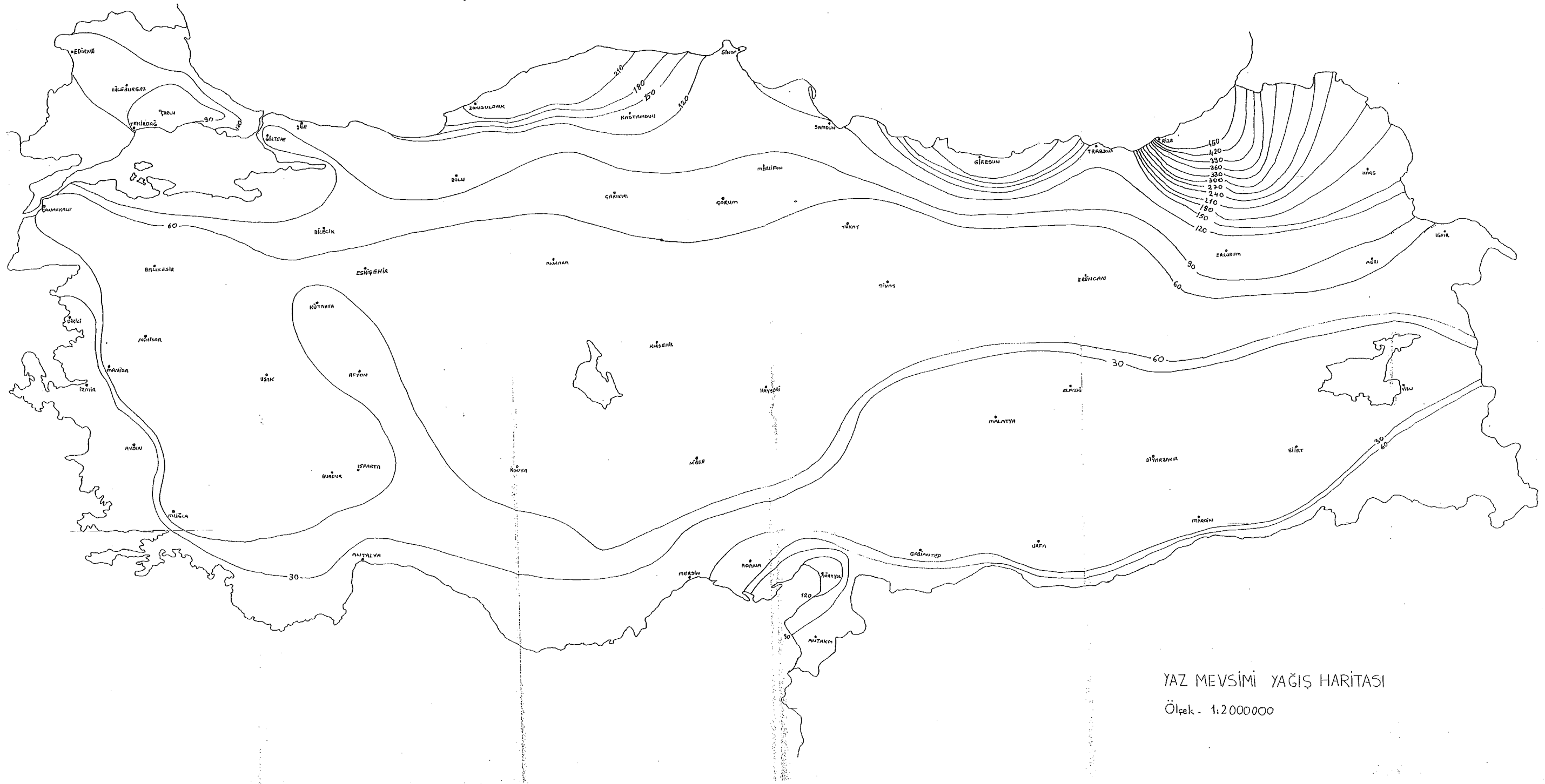
Ölçek: 1:2.000.000

Haritanın orijinali aydınır kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.



İLKBAHAR MEVSİMİ YAĞIŞ HARİTASI  
Ölçek: 1:2.000.000

Haritanın orijinali aydınır kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.



YAZ MEVSİMİ YAĞIŞ HARİTASI

Ölçek - 1:2.000.000

Haritanın orijinali aydınır kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.



İZOHİPS HARİTASI  
Ölçek. 1:2.000.000

Haritanın orijinali aydıneger kağıdı üzerine elle çizilmiştir ve 40x90 cm. boyutundadır.