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**Monatliche und jährliche Breitenkreismittel  
des Luftdrucks auf der Nordhalbkugel für die  
Jahre 1899 bis 1967**

von

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(mit 3 Tabellen)

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### Zusammenfassung

In den Tabellen 1 und 2 werden für den Zeitraum 1899—1967 die mittleren monatlichen und jährlichen Abweichungen des Luftdrucks für die Breitenkreise 20° bis 90° auf der Nordhalbkugel wiedergegeben. Die Tabelle 3 enthält die Abweichungen vom Normalwert des Zonalindex 35° und 65° N.

### Abstract

Tables 1 and 2 contain the average monthly and annual deviations of the parallels of latitude 20° to 90° on the Northern Hemisphere for the period 1899—1967. Table 3 contains the deviations from the normal values of the zonal index between 35° and 65°.

### Einführung in die Tabellen

Im Laufe der Jahre sind wiederholt mehrjährige Mittel des Luftdrucks für die einzelnen Breitenkreise erschienen, jedoch wurde bisher meines Wissens noch keine längere Reihe von einzelnen Monats- oder Jahreswerten veröffentlicht, obwohl diese für das Studium der allgemeinen Zirkulation von größerer Bedeutung sind als langjährige Mittel. So wurden in der nachstehenden Tabelle 1 die monatlichen Breitenkreismittel des Luftdrucks (BKM) von Januar 1899 bis Dezember 1967 von 20° N bis 90° N zusammengestellt. Für das Gebiet südlich von 20° N sind die Luftdruckwerte auch heute noch zum Teil recht lückenhaft oder wegen nicht genau bekannter Höhe des Barometers unsicher, so daß von einer Berechnung der BKM abgesehen wurde.

In dieser Tabelle wurden nicht die absoluten Werte, sondern die Abweichungen vom 69jährigen Mittel 1899 bis 1967 in mb wiedergegeben. Das langjährige Mittel findet sich jeweils in der zweiten Zeile unter den einzelnen Breitenkreisangaben. Die Tabelle 2 enthält in gleicher Anordnung die Jahreswerte. Schließlich wurden noch in der Tabelle 3 für die einzelnen Monate die Differenzen zwischen den Abweichungen der BKM von 35° N und 65° N berechnet. Diese Werte lassen erkennen, ob die Intensität der allgemeinen West-Ost-Zirkulation (Zonalindex) über oder unter dem langjährigen Monatsmittel lag.

Die Zuverlässigkeit der einzelnen Werte ist begreiflicherweise nicht immer gleich groß. Ganz allgemein kann gesagt werden, daß zu Beginn der Reihe die Angaben weniger sicher sind als in den letzten Jahren. Dies gilt vor allem für die höheren und niederen Breitenkreise. Mit der zunehmenden Dichte des Stationsnetzes im Laufe der Jahre ist hier zwar eine größere Genauigkeit erreicht worden, doch blieb bei manchen Stationen die genaue Höhe des Barometers lange unbekannt, so daß systematische Fehler noch jahrelang mitgeführt wurden, die freilich durch Mittelbildung über den ganzen Breitenkreis sich etwas verringerten.

Die Daten entstammen verschiedenen Quellen. Für die Jahre 1899 bis Juli 1939 standen die ausgerechneten Werte des US-Weather Bureau zur Verfügung, die vom Meteorologischen Institut der Universität Berlin in dankenswerter Weise überlassen wurden. Für die Zeit von August 1939 bis September 1944 wurden Werte eingesetzt, die im Zentralamt des Deutschen Wetterdienstes aus amerikanischen Wetterkarten (1) bereits berechnet vorlagen. Von Oktober 1944 bis Dezember 1950 standen Mikrofilme zur Verfügung, die vom US-Weather Bureau leihweise überlassen worden waren. Sie enthalten über 30 Tage gemittelte Luftdruckkarten, die ungefähr mit den einzelnen Monaten zusammenfallen. Die Abweichungen zwischen den wirklichen Monatslängen schwanken zwischen 0 und 2 Tagen. Da sich gezeigt hat, daß die BKM-Abweichungen der ge-

kürzten Monate gegenüber den tatsächlichen Monatslängen nur gering sind, wurden die Werte ohne Korrektur eingesetzt. Bis Ende 1948 wurden alle BKM von 20° bis 90° aus den Koordinatenschnittpunktwerten aus diesen Mikrofilmen berechnet. Von Januar 1949 ab bis Ende 1966 konnten die Werte zwischen 55° und 90° aus dem Monatsbericht „Die Großwetterlagen Mitteleuropas“ (2) entnommen werden, die aus den einzelnen Tageswerten berechnet waren. Für die übrigen Breitenkreise 20° bis 45° mußten für 1949 und 1950 weiterhin die Mikrofilme herangezogen werden. Von Januar 1951 bis Dezember 1955 wurden die BKM aus einer Arbeit von BAUTZMAN (3) übernommen, die z. T. ebenfalls aus Karten des US-Weather Bureau berechnet worden waren. Ab Januar 1956 konnte für die Breitenkreise 20° bis 50° der vom Seewetteramt Hamburg herausgegebene Monatsbericht „Die Witterung in Übersee“ (4) benutzt werden. Ein Vergleich der Werte an denselben Koordinatenschnittpunkten der beiden Berichte ergab in der Regel Abweichungen, die sich jedoch im zirkumpolaren Mittel größtenteils wieder ausglich. Diese Differenzen werden offenbar durch die verschiedenartige Berechnung der Monatsmittel verursacht. Während in den „Großwetterlagen Mitteleuropas“ die Monatsmittel aus den Tageswerten der Koordinatenschnittpunkte berechnet wurden, werden die Mittelkarten in dem Bericht „Die Witterung in Übersee“ zum größten Teil aus den monatlichen Climat-Meldungen einzelner Stationen konstruiert.

Mit dem Einsatz der elektronischen Rechenanlage im Zentralamt des Deutschen Wetterdienstes wurden ab Januar 1967 sämtliche BKM bzw. ihre Abweichungen automatisch geliefert. Die Berechnungsmethode verbürgt — abgesehen von den Randgebieten — die bisher höchstmögliche Genauigkeit der einzelnen Werte.

Mit den nachfolgenden Tabellen wird ein Material vorgelegt, das für zahlreiche Untersuchungen auf den Gebieten der allgemeinen Zirkulation und der Klimaschwankungen eine vielseitig verwendbare Unterlage bildet. Darüber hinaus dürften sich aber daraus auch Erkenntnisse ergeben, die für die langfristige Witterungsvorhersage von richtungsweisender Bedeutung sind.

### Literatur

- (1) Historical Weather Maps, Northern Hemisphere, Sea Level. Hrsg. v. US-Weather Bureau, Washington, D. C.
- (2) Die Großwetterlagen Mitteleuropas. Hrsg. v. Deutschen Wetterdienst, Zentralamt, Offenbach a. M.
- (3) BAUTZMAN, K.-E.: Statistische Untersuchungen von Zirkulationsanomalien. Diss. Univ. Köln 1961.
- (4) Die Witterung in Übersee. Hrsg. v. Deutschen Wetterdienst, Seewetteramt, Hamburg.



Tab.1

Abweichungen der Breitenkreismittel des Luftdrucks vom Normalwert für die einzelnen Monate (1899-1967)

JANUAR	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	18.2	15.9	14.2	13.9	13.5	14.4	16.2	18.0	19.0	19.7	19.8	18.9	16.9
1900	- 1.2	1.4	- 3.1	- 4.0	- 3.5	- 2.8	- 1.2	- 0.5	0.7	1.2	1.3	1.0	0.6
1901	6.8	6.6	3.4	2.4	2.7	2.6	2.3	1.7	1.3	0.6	- 0.1	- 0.3	0.0
1902	- 5.2	- 3.8	- 3.0	- 2.9	- 1.1	0.3	1.0	0.4	- 0.3	- 0.8	- 0.8	- 0.1	0.5
1903	2.8	2.8	0.1	- 0.9	- 1.1	- 1.1	- 0.5	- 0.1	0.4	0.2	0.1	0.1	- 0.1
1904	4.8	2.9	- 1.8	- 2.6	- 1.8	- 1.7	- 1.3	- 0.4	0.1	0.4	0.5	0.7	0.6
1905	- 6.2	- 3.9	- 2.1	- 1.1	0.7	2.1	2.7	2.7	2.3	2.0	1.8	1.6	1.5
1906	- 7.2	- 5.9	- 4.6	- 3.2	- 0.9	0.6	1.5	1.2	0.6	0.0	- 0.3	- 0.3	0.0
1907	8.8	5.3	0.9	1.2	2.8	2.0	1.7	1.8	1.9	1.6	1.1	0.6	0.2
1908	4.8	5.1	6.1	7.2	7.4	6.6	5.4	3.7	2.0	0.8	0.3	0.1	0.2
1909	1.8	1.8	- 1.6	- 2.0	- 1.1	- 0.7	- 0.1	0.6	1.0	1.3	1.5	1.3	0.9
1910	9.8	8.8	3.7	2.9	3.7	4.0	4.0	2.7	1.2	0.0	- 0.5	- 0.6	- 0.5
1911	- 3.2	- 2.6	- 4.3	- 3.9	- 1.9	- 0.1	1.5	2.3	2.7	2.6	1.9	1.1	0.8
1912	1.8	2.3	1.8	2.4	4.1	4.8	4.8	3.6	2.7	2.0	1.0	- 0.1	- 0.8
1913	3.8	3.5	0.9	0.0	0.4	- 0.1	- 1.5	- 2.1	- 1.5	- 0.7	- 0.1	0.3	0.6
1914	2.8	2.2	0.9	- 0.3	- 0.6	- 0.8	- 0.6	0.1	1.3	2.1	1.9	1.2	0.7
1915	- 3.2	- 3.4	- 5.4	- 6.0	- 5.1	- 4.3	- 3.5	- 3.4	- 2.6	- 1.4	- 0.2	0.5	1.1
1916	10.8	9.9	5.8	3.4	1.4	- 0.3	- 1.0	- 1.1	- 0.4	0.3	0.8	1.0	1.0
1917	1.8	0.2	- 0.2	- 0.9	0.6	1.3	1.7	3.5	2.9	2.5	1.6	0.9	0.7
1918	6.8	5.9	4.9	4.6	3.8	2.5	0.9	- 0.5	- 0.5	- 0.2	0.2	0.2	0.2
1919	11.8	7.6	2.4	- 1.2	- 4.6	- 6.5	- 7.3	- 6.3	- 3.6	- 2.4	- 0.8	0.4	0.5
1920	6.8	7.1	4.1	1.8	- 0.6	- 4.0	- 4.2	- 3.3	- 0.5	0.0	0.3	0.4	0.5
1921	1.8	2.8	1.8	1.0	- 0.8	1.8	1.3	0.9	0.7	0.9	1.1	1.1	1.2
1922	- 0.2	- 0.4	- 3.2	- 5.3	- 4.9	- 4.2	- 2.8	- 0.9	1.8	2.5	2.4	2.0	1.7
1923	4.8	5.5	3.4	2.0	1.5	0.6	0.1	0.0	0.1	0.4	0.5	0.3	0.0
1924	- 2.2	- 1.7	- 4.1	- 3.7	- 1.8	- 0.6	0.8	1.3	1.6	1.9	1.7	1.0	0.5
1925	2.8	0.3	- 0.3	- 0.5	- 0.6	- 1.2	- 1.4	- 1.1	- 0.5	0.0	0.3	0.2	0.4
1926	- 8.2	- 6.0	- 3.2	- 2.8	- 1.7	- 0.8	0.2	1.3	1.9	1.6	1.1	0.9	0.8
1927	- 5.2	- 4.6	- 3.6	- 3.8	- 3.9	- 4.3	- 3.7	- 2.7	- 1.6	- 0.4	0.5	0.7	0.9
1928	- 3.4	- 2.0	- 1.8	- 1.5	- 0.5	0.6	1.1	1.4	1.7	1.5	0.9	0.9	0.4
1929	- 9.2	- 7.7	- 7.4	- 6.8	- 4.9	- 2.9	- 0.9	0.7	1.9	2.5	2.3	1.1	0.4
1930	11.8	11.6	8.7	6.9	4.9	2.9	1.1	- 0.8	- 1.5	- 1.6	- 1.3	- 1.0	- 1.0
1931	- 8.2	- 6.3	- 3.8	- 2.1	- 0.2	1.4	2.0	2.0	1.7	0.7	- 0.1	- 0.5	- 0.4
1932	5.8	6.3	1.2	- 1.7	- 2.5	- 2.9	- 2.8	- 3.0	- 2.4	- 1.6	- 0.5	0.1	0.0
1933	- 3.2	- 4.5	- 7.0	- 5.9	- 3.4	- 0.6	1.6	2.9	3.5	3.2	2.5	1.5	0.6
1934	- 10.2	- 7.6	- 2.0	0.4	2.2	2.6	2.5	2.0	1.6	1.0	0.4	- 0.6	- 1.3
1935	- 11.2	- 9.2	- 4.6	- 2.5	- 0.5	1.3	1.8	1.2	1.1	1.1	1.1	0.8	0.2
1936	- 0.2	- 3.2	- 2.8	- 0.6	1.7	2.7	2.6	1.3	- 0.2	- 1.1	- 1.4	- 1.3	- 1.2
1937	9.8	9.0	5.4	3.6	1.1	- 1.6	- 3.7	- 4.5	- 3.3	- 2.0	- 1.0	- 0.8	- 0.9
1938	- 10.2	- 8.2	- 2.6	0.0	2.0	3.4	3.8	2.8	2.1	1.3	1.0	- 0.1	- 0.7
1939	- 6.2	- 5.0	- 2.1	- 1.3	0.0	0.6	0.6	0.2	0.2	0.2	0.7	0.5	0.2
1940	4.8	1.3	2.5	1.6	- 0.3	- 2.0	- 2.9	- 3.0	- 2.2	- 0.8	0.1	0.4	0.4
1941	- 1.1	5.4	9.3	8.9	6.4	2.0	- 0.1	- 0.8	- 2.8	- 2.7	- 2.7	- 1.3	0.5
1942	0.4	0.4	1.4	2.5	1.6	- 0.9	- 3.5	- 4.7	- 4.8	- 4.1	- 3.5	- 1.5	0.3
1943	- 3.3	- 1.6	0.7	0.2	- 0.5	- 1.6	0.3	1.6	0.6	0.4	- 0.5	- 0.1	1.3
1944	- 2.2	- 0.1	3.4	3.6	1.3	- 0.6	- 0.1	0.0	- 0.9	- 0.7	- 0.9	- 0.3	0.7
1945	- 7.5	- 7.5	- 6.1	- 4.8	- 4.0	- 2.9	0.9	3.7	2.5	1.7	0.8	0.7	0.7
1946	2.4	3.6	4.7	4.9	3.4	1.0	- 1.2	- 2.5	- 2.9	- 2.7	- 1.4	- 1.3	- 0.4
1947	8.9	3.0	- 2.4	- 3.1	- 3.4	- 2.8	- 0.8	0.3	1.3	1.8	1.1	0.6	0.7
1948	- 3.7	- 4.1	1.1	2.8	2.3	1.9	1.4	0.4	- 0.6	- 1.1	- 1.1	- 0.3	0.4
1949	- 1.6	- 3.8	- 3.4	- 3.4	- 4.4	- 4.2	- 2.8	- 1.6	- 0.3	0.0	0.2	0.0	- 0.2
1950	- 7.4	- 7.7	- 6.7	- 4.9	- 2.0	1.4	3.8	3.4	3.1	1.4	0.4	0.9	0.9
1951	- 5.2	- 1.1	2.8	3.1	3.2	2.8	1.8	1.1	0.4	0.4	0.2	0.2	0.1
1952	- 1.5	- 2.4	0.2	0.7	- 0.8	- 1.0	- 0.5	- 0.8	- 0.2	0.3	0.3	- 0.3	0.2
1953	3.8	1.3	- 1.7	- 2.0	- 1.9	- 0.9	0.3	2.8	0.9	0.3	0.4	0.8	- 0.1
1954	0.2	2.0	0.9	1.2	1.4	0.7	- 0.7	1.8	- 2.4	- 2.3	- 1.4	- 0.8	- 0.4
1955	- 2.9	- 2.7	1.1	2.5	3.1	3.6	2.5	1.9	- 1.0	- 1.5	- 1.3	- 0.1	- 1.4
1956	- 4.7	- 2.8	- 1.5	- 1.2	- 1.0	- 1.2	- 2.3	- 1.0	- 1.8	- 1.2	0.0	- 1.6	- 0.2
1957	- 2.3	1.1	3.6	4.8	4.1	3.1	1.6	- 0.6	- 2.1	- 3.3	- 3.7	- 3.2	- 2.2
1958	- 11.5	- 8.8	- 7.4	- 4.6	- 1.6	1.6	3.2	3.1	2.1	0.9	0.1	- 0.3	- 0.5
1959	- 2.7	- 0.5	0.7	0.5	- 0.5	- 0.9	- 1.6	- 2.4	- 2.5	- 2.0	- 1.3	- 0.8	- 0.4
1960	8.4	- 0.4	4.5	2.9	0.8	- 0.7	- 0.7	- 1.0	- 1.0	- 0.7	- 1.0	- 1.0	- 1.1
1961	7.8	7.0	5.8	4.5	1.9	- 0.5	- 1.9	- 2.2	- 1.5	- 1.0	- 0.9	- 0.5	- 0.3
1962	1.1	3.2	2.1	0.8	- 1.4	- 2.6	- 2.2	- 1.1	- 0.1	- 0.1	- 0.7	- 0.9	- 0.8
1963	- 6.9	- 6.5	- 6.1	- 4.5	- 2.9	- 0.3	2.2	2.2	1.6	0.1	- 1.0	- 1.6	- 1.2
1964	5.7	5.0	5.5	7.3	7.2	4.9	1.4	- 2.0	- 3.9	- 4.9	- 3.9	- 2.7	- 1.9
1965	- 4.0	- 6.1	- 5.1	- 3.5	- 3.4	- 2.8	- 1.1	0.2	0.9	0.8	0.6	0.2	0.1
1966	0.5	0.7	3.1	0.7	- 0.7	- 1.2	- 0.9	- 1.8	- 1.8	- 1.6	- 1.8	- 1.4	- 1.3
1967	5.9	6.1	6.1	6.8	3.8	- 0.3	- 3.5	- 5.2	- 3.4	- 2.9	- 1.4	- 0.8	- 0.7
1968	- 5.3	- 2.5	- 1.6	- 0.5	- 0.3	0.1	0.3	0.0	0.7	1.1	1.0	0.5	- 0.4

Tab.1 (Fortsetzung)

FEBRUAR	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	19.0	17.2	15.7	15.1	14.4	14.6	15.8	17.0	17.6	18.2	18.6	18.0	16.4
1899	- 4.0	0.0	- 0.1	- 0.2	- 0.2	- 0.7	- 1.2	- 1.3	- 0.7	- 0.3	- 0.2	0.3	0.0
1900	11.0	9.5	5.4	3.6	1.9	0.5	- 0.5	- 1.7	- 1.8	- 1.4	- 0.8	- 0.1	0.2
1901	- 2.0	- 0.4	1.8	3.3	4.4	4.6	3.5	0.8	- 1.0	- 1.5	- 1.5	- 0.8	- 0.3
1902	5.0	3.7	- 0.1	- 1.0	- 0.9	- 1.3	- 2.2	- 2.9	- 2.1	- 1.0	- 0.2	0.8	1.3
1903	- 6.0	- 6.2	- 9.3	- 8.9	- 6.3	- 3.2	- 0.4	1.8	2.8	3.0	2.7	2.1	1.4
1904	4.0	4.2	4.5	3.4	1.6	0.0	- 0.2	0.2	1.0	1.1	0.9	0.7	0.4
1905	- 5.0	- 3.3	- 1.8	- 0.5	1.6	2.8	3.0	2.6	2.2	1.6	0.6	0.3	0.1
1906	9.0	8.9	5.0	4.2	4.4	4.0	2.7	1.6	0.9	0.2	- 0.2	- 0.1	- 0.1
1907	1.0	0.5	0.2	1.4	2.9	3.8	3.5	2.1	1.1	0.6	0.2	0.5	0.6
1908	7.0	5.7	1.9	1.7	2.8	3.3	3.1	3.2	3.0	2.7	2.2	1.5	0.7
1909	7.0	6.5	2.3	1.6	1.4	0.4	- 0.7	- 1.3	- 0.6	0.7	1.2	1.0	0.6
1910	0.0	- 0.5	- 2.8	- 2.3	- 0.8	- 0.2	0.3	0.5	1.2	1.7	1.1	0.7	0.4
1911	0.0	- 2.4	- 5.9	- 5.5	- 2.8	- 0.3	1.5	2.7	3.1	2.9	2.3	1.4	0.3
1912	8.0	5.7	- 0.2	- 2.6	- 3.9	- 5.0	- 5.6	- 5.1	- 3.4	- 1.9	- 0.8	0.1	0.4
1913	- 6.0	- 5.5	- 3.1	- 1.7	- 0.1	0.6	0.5	0.2	0.2	0.2	0.0	0.1	0.1
1914	- 4.0	- 3.6	- 4.3	- 4.9	- 5.0	- 4.0	- 2.6	- 1.2	0.1	0.4	0.5	0.6	0.7
1915	11.0	8.2	3.4	1.1	0.2	0.1	0.0	0.3	1.0	1.6	1.6	1.0	0.6
1916	2.0	- 0.1	0.3	- 0.6	- 1.0	- 0.3	- 0.4	- 0.4	1.0	0.9	0.4	0.1	0.0
1917	2.0	2.1	- 0.2	0.1	1.1	1.2	0.3	- 1.0	- 1.3	- 0.8	- 0.3	0.2	0.3
1918	0.0	- 5.9	- 7.1	- 8.2	- 6.7	- 4.0	- 1.4	0.8	2.6	3.2	2.8	1.7	0.8
1919	8.0	6.5	1.2	- 0.7	- 2.2	- 5.4	- 7.0	- 5.7	- 3.9	- 1.9	0.0	1.4	1.4
1920	- 2.0	0.7	- 1.3	- 3.9	- 1.7	1.9	3.6	3.4	2.6	1.7	1.1	0.5	- 0.1
1921	- 1.0	- 0.5	0.0	0.2	1.3	1.8	0.9	- 0.1	- 0.4	- 0.4	- 0.3	- 0.3	- 0.5
1922	3.0	2.9	0.1	- 1.0	- 0.4	0.3	0.7	1.4	2.1	2.2	1.8	1.0	0.2
1923	4.0	3.8	3.3	2.5	1.2	- 0.2	- 1.1	- 1.2	- 0.7	- 0.1	0.1	0.1	- 0.1
1924	- 3.0	- 1.1	1.9	2.5	2.6	1.6	0.0	- 1.5	- 2.0	- 1.2	- 0.4	0.2	0.2
1925	6.0	4.4	0.1	- 1.8	- 2.3	- 1.8	- 0.6	0.7	1.4	1.6	1.3	1.1	0.7
1926	- 1.0	- 3.6	- 3.4	- 3.2	- 3.3	- 3.7	- 3.6	- 3.1	- 2.0	- 0.5	0.5	0.9	0.7
1927	- 3.4	- 1.3	- 1.5	- 1.3	- 1.3	- 1.3	- 1.9	- 2.3	- 1.7	- 0.7	0.0	0.4	0.5
1928	- 4.0	- 3.8	- 4.8	- 4.6	- 3.3	- 1.8	- 0.4	0.8	1.4	1.7	1.8	1.5	0.9
1929	- 1.0	1.6	4.0	3.5	2.6	1.8	0.9	- 0.2	- 0.6	- 0.3	- 0.1	- 0.4	- 0.7
1930	- 7.0	- 5.4	- 1.9	- 0.3	0.6	1.1	0.5	- 0.2	- 0.3	- 0.6	- 0.6	- 0.4	0.1
1931	- 5.0	- 3.2	- 0.3	0.0	1.3	2.4	2.7	2.5	1.6	0.7	0.2	0.0	0.0
1932	- 8.0	- 5.5	- 0.1	2.7	3.7	3.6	2.6	1.0	- 0.2	- 1.1	- 1.3	- 1.1	- 0.6
1933	10.0	8.9	6.2	5.5	4.1	2.3	1.1	0.5	- 0.1	- 0.8	- 1.4	- 1.8	- 1.9
1934	-14.0	-11.5	- 6.9	- 4.9	- 2.5	- 0.5	0.2	- 0.3	- 0.5	- 0.6	- 0.4	- 0.1	0.0
1935	-11.0	-10.1	-11.1	- 9.5	- 7.1	- 4.5	- 2.5	- 1.2	- 0.1	1.1	1.4	1.0	0.7
1936	14.0	12.7	8.6	6.5	3.8	0.9	- 1.8	- 4.0	- 4.6	- 4.2	- 3.3	- 2.3	- 1.5
1937	- 5.0	- 5.0	- 4.2	- 3.5	- 3.2	- 2.1	- 1.2	- 0.8	- 0.2	0.3	0.0	- 0.4	- 0.7
1938	- 4.0	- 4.4	- 1.1	0.8	1.8	2.2	1.2	- 0.2	- 1.0	- 1.2	- 1.1	- 0.8	- 0.7
1939	- 2.0	- 7.7	- 6.3	- 4.9	- 3.8	- 2.4	- 0.9	0.1	1.1	1.3	1.0	0.5	0.0
1940	- 7.2	- 3.5	0.2	0.3	- 0.3	- 0.8	- 1.4	- 0.6	- 2.1	- 2.3	- 2.3	- 1.3	0.2
1941	4.5	5.5	2.9	1.5	- 0.5	- 2.9	- 2.6	- 1.5	- 1.3	- 1.3	- 1.6	- 0.8	0.1
1942	- 4.1	- 0.2	5.1	6.3	5.5	3.0	2.4	1.3	- 2.0	- 3.2	- 4.2	- 3.6	- 1.8
1943	- 9.3	- 9.0	- 6.8	- 4.7	- 2.4	0.1	3.5	5.4	3.8	2.6	1.4	1.1	1.7
1944	- 5.0	- 4.0	- 2.0	0.0	0.9	0.8	1.3	0.8	- 0.6	- 0.8	- 1.2	- 0.5	0.9
1945	- 7.5	- 3.8	0.4	1.1	1.4	1.7	1.8	1.4	1.2	0.4	0.4	1.1	0.4
1946	15.6	9.6	1.1	- 1.6	- 3.2	- 3.8	- 2.9	- 1.9	0.3	0.7	0.9	0.5	1.2
1947	18.8	18.5	13.7	10.8	7.0	1.9	- 2.3	- 4.5	- 4.2	- 3.8	- 2.8	- 1.5	0.1
1948	- 4.0	- 5.1	- 1.7	0.6	1.7	2.4	1.9	1.4	0.7	0.2	0.2	- 0.3	- 0.2
1949	- 4.3	- 5.4	- 4.1	- 3.4	- 2.2	- 0.4	0.9	1.5	1.6	1.6	1.0	2.7	0.0
1950	- 4.1	- 2.2	- 1.1	- 1.3	- 1.9	- 1.4	- 0.5	0.5	1.4	1.6	1.4	0.4	- 0.8
1951	0.1	- 1.8	1.7	2.1	1.2	2.0	2.6	2.3	1.9	1.3	0.2	- 1.5	1.5
1952	6.6	5.1	4.4	3.7	3.4	2.9	0.6	1.5	- 1.1	- 0.8	- 0.5	- 1.7	- 0.9
1953	- 5.1	- 3.5	0.3	- 0.7	- 0.2	- 0.7	- 0.6	1.9	0.7	1.0	1.6	- 0.1	0.2
1954	- 8.2	- 6.2	- 1.2	0.1	0.3	0.4	0.3	2.4	- 0.5	- 0.6	- 0.5	- 0.8	- 1.1
1955	5.5	6.6	6.1	4.5	1.9	0.4	- 0.5	- 0.2	- 0.2	- 0.4	- 0.4	- 1.1	- 1.6
1956	- 3.6	0.9	8.3	8.9	6.5	4.7	2.4	2.0	- 1.9	- 2.3	- 2.6	- 2.7	- 2.5
1957	8.1	8.6	7.0	5.9	3.0	1.3	1.0	0.6	1.8	1.1	- 0.2	- 1.1	- 1.3
1958	5.6	5.5	3.9	2.1	0.0	- 2.2	- 3.0	- 4.5	- 3.7	- 3.0	- 2.2	- 1.6	- 0.7
1959	-20.1	-16.0	- 8.6	- 5.0	- 2.3	0.7	2.6	3.0	3.5	2.7	1.6	0.6	0.0
1960	11.6	7.3	1.0	0.0	- 1.3	- 1.2	- 1.2	- 1.8	- 1.6	- 1.6	- 1.3	- 0.9	- 0.4
1961	- 8.9	- 6.1	- 2.5	- 2.9	- 3.2	- 2.4	- 0.9	- 0.1	0.7	0.7	0.4	0.5	0.2
1962	2.2	0.7	- 1.6	- 0.1	1.0	2.6	2.7	1.4	0.4	- 0.1	- 0.3	- 0.4	- 0.3
1963	- 0.9	- 1.2	- 0.7	0.4	0.1	- 0.7	- 1.2	- 3.2	- 2.6	- 2.2	- 1.7	- 1.4	- 1.3
1964	- 8.1	- 6.2	- 0.2	1.6	1.5	1.1	0.9	0.0	0.4	0.0	- 0.4	- 0.5	- 0.9
1965	5.6	5.3	4.8	5.1	3.2	1.1	0.4	- 0.7	- 1.1	- 1.1	- 1.4	- 1.3	- 1.7
1966	8.0	5.7	0.7	- 1.0	- 4.2	- 5.2	- 4.0	- 2.0	- 0.4	0.0	0.0	- 0.1	- 0.6
1967	- 9.7	- 9.1	- 5.2	- 3.5	- 2.7	- 1.3	0.2	1.3	2.3	2.0	1.1	0.3	- 0.5

Tab.1 (Fortsetzung)

MAERZ	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	22.0	19.6	16.2	15.1	14.2	14.3	15.3	16.2	16.9	17.5	17.6	16.8	15.4
1899	10.0	8.1	3.1	1.4	0.6	0.3	- 0.1	- 0.8	- 0.9	- 0.7	- 0.4	0.0	0.0
1900	4.0	2.9	1.7	2.3	2.8	1.9	0.1	- 1.3	- 1.8	- 2.0	- 1.6	- 0.1	0.5
1901	- 2.0	- 3.0	- 3.4	- 2.5	- 1.9	- 1.4	- 0.9	- 0.5	0.2	0.9	1.1	1.2	0.5
1902	4.0	3.3	1.1	- 0.4	- 1.4	- 1.5	- 0.6	0.6	1.2	1.2	0.8	0.3	- 0.2
1903	1.0	- 1.1	- 4.1	- 3.5	- 0.6	2.4	4.1	4.8	4.0	2.5	1.0	0.4	- 0.2
1904	- 4.0	- 2.8	1.4	3.3	5.0	5.1	3.7	2.1	0.8	- 0.4	- 0.7	- 0.1	0.0
1905	- 6.0	- 4.1	- 1.7	- 1.1	- 0.5	- 0.1	0.4	0.8	0.9	0.7	0.5	0.7	0.7
1906	3.0	1.3	- 1.1	- 1.3	- 0.7	0.4	0.7	0.5	0.3	0.3	0.4	0.7	0.4
1907	- 8.0	- 5.5	- 1.9	- 0.1	2.3	3.6	3.8	3.6	3.1	2.2	1.3	1.0	0.5
1908	5.0	4.0	3.5	3.5	3.7	3.7	4.1	4.7	4.4	3.3	2.3	1.4	0.8
1909	12.0	9.8	6.2	4.9	3.5	1.9	0.4	- 0.5	- 0.3	- 0.1	0.1	0.6	0.8
1910	9.0	6.1	0.4	- 1.0	- 1.2	- 0.7	0.3	0.8	0.7	0.6	0.5	0.8	0.6
1911	- 1.0	- 2.1	- 3.1	- 2.2	- 0.7	0.5	1.3	1.7	1.6	1.2	0.9	0.7	0.2
1912	7.0	5.4	1.6	- 0.3	- 0.8	0.0	1.1	2.6	3.0	2.9	2.3	1.4	0.7
1913	-11.0	-10.4	- 8.0	- 7.2	- 5.3	- 3.1	- 0.9	1.5	2.6	2.8	2.1	1.4	0.8
1914	3.0	3.0	2.6	1.4	0.0	- 0.7	- 0.2	0.9	1.6	1.8	1.4	1.2	0.9
1915	8.0	7.2	4.6	3.4	2.5	0.8	- 1.8	- 3.5	- 3.5	- 2.4	- 1.0	0.3	0.9
1916	4.0	3.6	5.3	3.8	1.1	- 1.8	- 4.2	- 3.5	- 2.0	- 1.2	- 0.2	0.6	0.7
1917	3.0	3.3	1.7	0.8	0.8	0.9	1.1	1.7	2.2	2.3	1.9	1.2	0.3
1918	- 3.0	- 0.9	- 0.1	0.4	0.8	0.6	0.9	0.9	1.2	1.2	1.2	1.0	0.3
1919	7.0	6.3	3.7	2.6	1.0	- 0.5	- 0.5	- 0.2	0.2	0.8	1.1	1.2	0.8
1920	- 7.0	- 6.7	- 5.9	- 6.3	- 5.0	- 2.5	- 0.3	1.6	2.2	2.4	2.0	1.2	0.4
1921	0.0	- 1.0	- 3.4	- 3.9	- 2.0	- 0.2	1.3	2.2	2.0	1.5	1.0	1.0	0.5
1922	1.0	2.0	1.3	0.2	- 1.2	- 2.2	- 2.4	- 1.4	- 0.1	0.9	1.3	1.2	0.5
1923	3.0	2.5	1.7	0.7	- 0.2	- 0.7	- 0.4	1.2	2.1	2.3	2.0	1.3	0.5
1924		1.7	1.6	3.8	2.2	1.4	0.0	- 1.4	- 2.0	- 1.8	- 1.3	- 0.6	- 0.3
1925	7.0	5.9	2.2	1.1	1.4	2.1	2.2	1.6	0.7	0.2	- 0.5	- 0.7	- 0.8
1926	- 6.0	- 8.5	- 5.6	- 4.4	- 2.7	- 1.8	- 1.6	- 1.5	- 1.4	- 0.7	0.2	0.8	0.6
1927	-19.0	- 7.1	- 1.1	- 2.0	- 2.4	- 1.5	- 0.3	1.1	2.0	2.4	1.9	1.3	0.4
1928	0.0	0.7	1.5	1.5	0.6	- 0.5	- 1.4	- 1.4	- 1.3	- 0.9	- 0.8	- 0.5	- 0.4
1929	- 5.0	- 4.8	- 6.6	- 4.9	- 3.2	- 1.7	- 0.3	0.9	1.3	1.3	0.9	0.7	0.0
1930	2.0	0.3	- 2.4	- 2.3	- 1.9	- 1.0	- 0.2	0.4	0.5	0.1	- 0.1	- 0.1	- 0.1
1931	4.0	4.8	3.2	1.7	0.6	- 0.5	- 1.9	- 3.1	- 3.4	- 2.8	- 1.8	- 1.0	- 0.9
1932	5.0	4.4	2.1	1.3	0.7	- 0.6	- 2.3	- 3.0	- 3.2	- 2.4	- 1.2	- 0.1	- 0.1
1933	7.0	5.0	1.2	- 0.2	- 0.8	- 0.8	- 1.0	- 0.9	- 0.5	- 0.2	- 0.3	- 0.7	- 1.2
1934	- 1.0	- 0.1	0.6	- 0.2	- 0.5	- 0.6	- 0.6	- 0.8	- 0.5	0.2	0.3	0.2	- 0.2
1935	5.0	2.4	0.1	0.1	- 0.2	- 0.4	- 0.4	- 0.3	- 0.3	- 0.1	0.0	- 0.2	- 0.3
1936	- 1.0	- 0.1	0.9	1.1	1.3	1.2	1.1	1.2	1.0	0.7	0.3	0.1	- 0.2
1937	9.0	9.2	6.9	4.9	2.5	- 0.4	- 2.1	- 2.4	- 1.9	- 1.0	- 0.6	- 0.7	- 1.3
1938	-10.0	- 9.7	- 9.5	- 8.8	- 6.4	- 3.7	- 1.5	0.1	0.5	0.8	0.7	0.3	0.0
1939	6.0	- 2.7	0.3	1.2	1.0	- 0.6	- 1.1	- 1.0	- 1.0	- 0.7	- 0.4	- 0.4	- 0.8
1940	5.5	3.7	1.4	0.4	- 0.5	- 1.7	- 1.6	- 1.4	- 2.4	- 2.8	- 2.2	- 1.3	- 0.4
1941	4.3	3.9	3.1	1.0	- 1.4	- 2.5	- 1.7	- 0.6	- 1.4	- 2.2	- 1.7	- 0.9	0.8
1942	0.2	- 0.4	- 0.8	- 2.1	- 2.9	- 2.8	- 1.7	- 1.5	- 2.2	- 2.8	- 3.2	- 2.2	- 0.4
1943	-11.7	- 8.8	- 2.8	- 0.3	1.6	3.1	3.3	3.5	1.1	0.3	- 1.1	- 0.6	0.9
1944	- 5.4	- 2.5	1.2	2.3	2.5	2.5	1.5	0.1	- 2.0	- 2.7	- 2.7	- 1.8	0.6
1945	- 8.2	- 6.8	- 3.9	- 3.8	- 3.7	- 2.6	- 0.8	0.9	2.1	2.2	2.5	1.1	1.0
1946	6.2	0.9	- 0.9	- 0.5	- 0.8	- 0.8	0.1	0.6	1.2	1.1	0.8	1.1	1.1
1947	3.6	1.5	1.7	1.9	0.5	- 1.3	- 3.2	- 3.6	- 2.7	- 1.8	- 0.5	- 0.4	0.9
1948	-12.2	-12.1	- 8.0	- 5.1	- 2.5	0.2	1.7	2.4	2.5	1.7	1.6	0.6	0.5
1949	- 6.5	- 5.6	- 0.6	1.3	1.6	1.4	0.5	- 0.3	- 1.0	- 0.2	- 0.1	- 1.0	
1950	- 2.0	- 2.9	- 3.1	- 2.6	- 1.9	- 1.9	- 2.1	- 2.0	- 1.2	- 0.1	0.5	0.2	1.4
1951	11.1	8.6	5.3	3.9	2.3	1.7	1.7	1.0	0.2	- 0.4	- 0.9	- 1.2	- 0.2
1952	8.2	6.9	0.0	- 0.3	0.4	- 0.5	- 1.4	- 2.1	- 1.7	- 1.5	- 0.8	- 1.5	- 1.0
1953	-10.3	- 8.6	- 3.3	- 2.5	- 1.0	1.0	2.3	3.2	2.2	1.5	1.2	0.2	0.0
1954	- 6.1	- 6.4	- 2.9	- 1.3	- 0.2	1.1	1.5	1.3	1.4	0.7	0.5	- 0.7	- 0.7
1955	9.2	8.0	4.7	3.1	2.3	2.2	2.0	0.2	0.1	- 0.5	- 0.7	- 1.6	- 1.4
1956	-17.5	-10.1	- 1.3	0.4	0.6	1.2	0.7	0.6	0.6	0.4	0.3	- 0.2	- 0.5
1957	1.0	4.5	3.5	1.8	0.3	- 1.5	- 2.9	- 3.3	- 2.8	- 2.5	- 1.8	- 1.0	- 0.8
1958	5.3	6.8	6.2	4.9	2.7	1.1	- 1.0	- 2.8	- 2.9	- 2.5	- 2.0	- 1.6	- 1.8
1959	-20.7	-12.6	- 6.0	- 2.9	- 1.4	- 0.6	- 0.1	0.0	1.3	1.2	1.0	0.5	0.3
1960	5.2	3.0	4.8	5.0	3.2	0.8	0.0	- 0.9	- 1.2	- 1.3	- 1.3	- 1.3	- 1.4
1961	4.4	- 0.6	- 2.4	- 2.1	- 1.0	0.1	0.2	- 0.5	- 0.6	- 0.4	- 0.5	- 0.4	- 0.4
1962	12.9	8.8	5.3	4.5	2.1	- 0.1	- 2.0	- 2.9	- 2.9	- 2.6	- 2.2	- 1.7	- 1.3
1963	- 4.8	- 4.4	- 1.7	- 0.9	- 1.9	- 2.1	- 1.4	- 0.4	0.3	0.3	- 0.1	- 0.2	- 0.6
1964	-11.1	- 6.1	0.9	2.6	2.1	0.7	- 0.6	- 1.3	- 1.1	- 0.9	- 0.7	- 0.5	- 0.8
1965	- 3.2	- 2.5	1.2	2.7	2.7	2.0	0.5	- 0.9	- 1.3	- 1.2	- 1.1	- 0.4	- 0.4
1966	10.0	7.0	3.2	1.2	- 0.2	0.1	0.4	- 0.4	- 1.4	- 1.3	- 1.4	- 1.2	- 1.4
1967	- 9.7	- 8.4	- 6.5	- 4.5	- 2.0	0.8	2.3	2.2	1.6	1.0	0.4	- 0.2	- 1.1

Tab.1 (Fortsetzung)

APRIL	90	80	70	65	60	55	50	45	40	35	30	25	20
	22.4	19.6	15.7	14.1	13.3	13.5	14.4	15.5	16.2	16.6	16.4	15.4	14.2
1899	- 1.4	- 4.6	- 1.5	- 2.8	- 1.8	- 1.3	- 0.3	0.5	1.2	1.3	0.8	0.6	0.3
1900	- 4.4	- 3.5	- 3.5	- 2.8	- 1.3	0.3	1.1	0.8	0.8	0.6	0.2	0.1	- 0.3
1901	- 0.4	- 0.2	- 0.7	- 0.3	1.4	3.0	3.8	3.5	2.6	1.3	0.4	0.2	- 0.1
1902	8.6	8.2	5.7	4.4	2.6	0.9	- 0.3	- 0.9	- 0.6	- 0.4	- 0.1	0.4	0.2
1903	7.6	6.7	3.1	2.4	2.2	1.7	1.3	1.2	1.1	1.2	0.7	0.6	0.3
1904	- 6.4	- 4.8	- 2.8	- 1.7	0.0	2.0	3.1	3.0	2.4	1.8	1.2	1.0	0.4
1905	4.6	5.2	4.1	2.9	1.2	- 0.6	- 1.6	- 1.7	- 1.4	- 0.7	0.1	0.7	0.5
1906	- 1.4	- 1.2	- 1.1	0.1	1.0	1.2	1.0	1.1	1.1	1.0	0.7	0.7	0.4
1907	2.6	2.3	1.7	2.1	2.2	1.4	- 0.1	- 0.7	- 0.5	- 0.3	0.0	0.6	0.5
1908	4.6	3.2	0.9	1.2	0.6	0.1	0.2	0.6	1.0	1.1	0.9	0.8	0.4
1909	6.6	5.3	3.1	1.9	0.7	0.6	1.0	1.2	1.0	1.0	1.0	1.3	1.2
1910	5.6	3.2	- 1.3	- 1.0	- 0.1	0.0	0.0	- 0.1	0.0	0.2	0.4	0.9	0.8
1911	0.6	- 0.6	- 3.1	- 2.4	- 0.8	0.9	1.7	1.5	1.3	1.0	0.7	0.4	- 0.1
1912	0.6	- 0.4	- 1.1	- 1.4	- 2.0	- 1.7	- 1.0	0.1	1.2	2.2	2.4	2.3	1.6
1913	- 1.4	- 0.7	- 0.5	- 1.0	- 0.8	- 0.2	0.6	1.3	1.5	1.2	0.7	0.3	- 0.4
1914	- 5.4	- 4.8	- 3.4	- 2.1	- 1.0	- 0.4	0.1	- 0.1	- 0.2	0.0	0.3	0.9	1.0
1915	- 0.4	- 2.0	- 3.3	- 2.6	- 0.9	- 0.1	0.1	0.4	0.9	1.2	1.1	1.1	0.7
1916	5.6	3.5	2.9	1.0	- 0.3	- 0.6	- 0.9	- 0.4	0.1	0.3	0.4	0.0	0.5
1917	6.6	7.5	5.8	4.9	4.1	2.9	1.4	- 0.3	- 1.4	- 1.3	- 0.9	- 0.3	- 0.1
1918	- 0.4	0.9	5.2	3.6	2.8	2.6	2.2	1.5	0.6	- 0.1	- 0.2	- 0.2	- 0.6
1919	- 0.4	0.2	- 0.3	- 0.7	- 0.4	- 0.5	- 0.8	- 1.4	- 0.8	- 0.3	0.0	0.0	- 0.3
1920	8.6	8.2	4.0	2.6	1.3	0.0	- 0.8	- 1.2	- 1.0	- 0.2	0.2	0.5	0.1
1921	1.6	2.3	2.6	2.9	2.9	2.3	1.7	1.0	0.9	0.8	0.7	0.6	- 0.1
1922	5.6	4.5	1.8	1.4	1.2	0.7	0.3	0.4	1.4	2.0	1.9	1.7	0.9
1923	0.6	0.6	0.4	- 0.4	- 1.6	- 2.8	- 3.1	- 2.1	- 0.7	0.3	0.5	0.7	0.5
1924		4.9	2.7	1.2	0.1	- 0.4	- 0.4	- 0.6	- 0.3	0.0	0.1	0.0	- 0.3
1925	- 2.4	- 3.7	- 5.4	- 4.5	- 2.5	- 0.4	0.8	1.2	1.5	1.6	1.2	0.7	0.1
1926		- 2.1	- 0.7	- 1.8	- 3.2	- 4.0	- 4.0	- 3.1	- 1.7	- 0.4	0.6	0.8	0.7
1927	1.6	0.3	- 0.6	- 0.4	0.1	1.1	1.5	1.1	0.2	- 0.3	- 0.3	- 0.3	- 0.9
1928	2.6	2.4	0.0	- 1.6	- 2.6	- 3.2	- 2.7	- 1.5	- 0.4	0.0	- 0.1	- 0.1	- 0.4
1929	- 1.4	- 0.6	- 1.3	- 0.8	- 0.4	- 0.2	- 0.9	- 1.1	- 0.9	- 0.3	0.1	0.8	0.7
1930	3.6	3.8	1.7	0.7	- 0.1	- 0.9	- 1.8	- 1.4	- 1.1	- 0.6	- 0.1	0.1	0.0
1931	11.6	5.9	1.8	0.0	- 1.0	- 1.2	- 0.7	- 0.1	0.0	- 0.3	- 0.6	- 0.4	- 0.4
1932	5.6	4.2	0.1	- 0.7	- 0.8	- 1.4	- 1.9	- 1.8	- 1.0	- 0.4	0.0	0.1	- 0.1
1933	- 0.4	0.6	1.1	1.0	0.3	- 0.2	- 0.3	- 0.5	- 0.3	- 0.3	- 0.7	- 1.0	- 1.5
1934	- 0.4	- 0.1	- 1.4	- 1.3	- 0.8	- 0.6	- 0.2	- 0.3	- 0.6	- 0.5	- 0.2	- 0.1	- 0.2
1935	11.6	9.7	5.5	3.9	2.4	0.8	- 0.4	- 1.4	- 1.6	- 1.4	- 0.8	- 0.6	- 0.7
1936	- 0.4	- 0.4	0.5	1.2	0.9	0.2	- 0.5	- 1.2	- 1.3	- 0.8	- 0.1	0.4	0.2
1937	- 4.4	- 2.3	- 0.8	- 0.7	- 0.9	- 1.2	- 1.0	- 0.2	0.0	0.3	0.2	0.1	- 0.3
1938	- 4.4	- 4.4	- 4.1	- 3.7	- 2.6	- 1.5	- 1.1	- 1.5	- 1.6	- 1.1	- 0.4	- 0.3	- 0.6
1939	0.6	- 0.3	- 2.8	- 2.6	- 2.3	- 2.1	- 1.3	0.0	0.2	0.4	0.1	0.0	- 0.3
1940	- 0.2	- 1.8	- 1.9	- 0.9	- 0.5	- 0.8	0.1	- 0.2	- 2.0	- 2.0	- 1.3	- 0.2	1.0
1941	3.7	2.3	1.2	0.2	- 0.4	- 1.1	- 0.8	- 1.0	- 2.3	- 2.7	- 2.4	- 1.3	0.5
1942	- 6.2	- 4.1	- 1.2	- 1.5	- 2.0	- 2.1	- 1.2	- 1.1	- 1.5	- 2.1	- 1.6	- 0.8	1.1
1943	-18.9	-13.9	-6.9	-5.1	-3.0	-1.4	1.0	2.2	1.1	-0.1	0.2	1.2	1.5
1944	- 2.6	- 3.5	- 1.2	- 0.1	- 0.1	- 0.4	0.1	0.2	- 1.3	- 2.1	- 1.7	- 0.5	1.2
1945	- 8.7	- 5.4	- 1.0	- 0.1	0.3	0.7	0.5	0.3	0.2	- 0.1	0.0	- 0.7	0.3
1946	4.9	- 0.1	- 6.0	- 5.5	- 3.6	- 1.7	- 0.1	1.4	1.9	1.7	1.4	0.6	1.7
1947	- 6.3	- 5.8	- 4.4	- 3.5	- 3.2	- 2.2	- 0.5	0.7	1.4	1.3	1.0	1.0	1.2
1948	- 1.5	- 4.3	- 3.3	- 0.4	1.9	3.1	2.6	1.6	0.6	- 0.4	- 1.8	- 1.4	0.1
1949	- 8.2	- 7.7	- 4.7	- 3.2	- 2.1	- 0.8	- 0.4	- 0.5	0.3	1.3	1.8	- 0.5	
1950	- 2.4	- 1.3	- 0.7	- 0.8	- 0.5	0.1	0.5	0.8	1.0	0.5	- 0.3	- 0.9	0.7
1951	5.9	2.8	1.0	0.6	0.9	0.2	0.0	- 1.0	- 0.9	- 0.6	- 0.3	- 0.2	- 0.4
1952	1.3	- 0.5	- 2.0	- 2.7	- 2.8	- 1.6	- 0.3	0.6	1.1	0.6	1.2	0.3	0.1
1953	- 3.5	0.0	2.6	3.0	2.5	1.1	0.2	- 0.6	- 1.6	- 1.5	- 0.8	0.2	1.3
1954	- 4.4	- 2.7	2.1	3.0	3.4	3.9	3.4	2.1	1.0	- 1.2	- 2.9	- 3.4	- 3.7
1955	- 5.2	- 2.2	2.0	1.5	0.4	1.4	0.1	0.0	0.6	0.1	0.2	- 1.5	- 1.0
1956	3.2	4.0	2.9	0.5	- 0.4	- 1.2	- 1.5	- 1.9	- 1.6	- 1.2	- 0.7	- 0.5	- 0.7
1957	- 2.1	- 2.4	- 0.4	0.2	0.4	0.8	0.9	0.9	0.7	0.8	0.3	- 0.2	- 0.4
1958	0.4	1.0	1.4	1.2	0.8	0.3	- 0.4	- 0.6	- 0.2	0.0	- 0.1	- 0.3	- 0.4
1959	- 0.8	1.0	- 0.2	0.0	- 1.6	- 1.7	- 1.3	- 0.5	0.1	0.1	- 0.5	- 0.9	- 1.0
1960	3.4	2.5	2.0	1.6	0.9	0.2	- 0.3	- 0.5	- 0.1	0.3	- 0.1	- 0.5	- 1.0
1961	4.6	3.0	0.3	- 0.7	- 1.8	- 2.7	- 2.6	- 2.0	- 1.5	- 0.7	- 0.8	- 0.9	- 0.8
1962	- 7.1	- 6.6	- 1.6	- 0.1	0.7	1.6	1.9	1.8	1.2	0.5	- 0.3	- 0.8	- 1.3
1963	- 2.6	- 1.7	0.4	1.3	1.4	1.3	0.0	- 1.3	- 1.5	- 1.2	- 1.5	- 1.2	- 1.4
1964	- 6.5	- 0.7	0.8	0.2	- 0.3	0.7	1.3	1.8	1.8	1.4	0.8	0.2	- 0.6
1965	- 5.1	- 3.8	- 0.7	- 0.1	0.5	0.8	0.2	- 0.5	- 1.0	- 1.1	- 0.9	- 0.7	- 0.6
1966	6.2	8.4	8.0	6.6	4.2	1.2	- 0.2	- 1.6	- 2.0	- 1.8	- 1.6	- 1.4	- 1.6
1967	-15.5	-10.3	- 3.3	- 0.1	2.1	3.5	3.4	2.0	1.2	0.5	- 0.1	- 0.3	- 1.0

Tab.1 (Fortsetzung)

MAI	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	21.8	19.4	15.7	14.0	13.1	12.9	13.3	14.3	15.0	15.3	15.0	14.1	13.1
1900	5.2	- 0.9	0.8	0.2	- 0.3	- 0.1	0.4	0.4	0.7	0.7	0.4	0.5	0.2
1901	- 5.8	- 4.9	- 4.5	- 3.6	- 2.6	- 2.0	- 1.4	- 1.3	- 0.9	- 0.2	0.2	0.4	0.2
1902	- 2.8	- 1.8	- 0.2	1.3	2.1	2.4	1.9	0.7	- 0.2	- 0.7	- 1.1	- 1.1	- 1.2
1903	6.2	5.5	3.3	2.5	1.2	0.5	0.6	0.9	1.1	0.9	0.4	0.4	0.3
1904	4.2	3.1	0.3	0.0	- 0.4	- 0.5	0.4	1.0	1.3	1.1	0.8	0.8	0.5
1905	3.2	1.6	- 0.9	- 1.5	- 1.8	- 1.0	- 0.2	0.2	0.7	0.8	0.7	0.9	0.5
1906	- 3.8	- 3.5	- 2.0	- 0.7	0.0	0.0	0.5	0.9	1.1	1.1	1.0	0.9	0.5
1907	6.2	5.4	3.7	3.4	2.2	1.2	0.1	- 0.7	- 0.4	- 0.1	- 0.3	- 0.2	- 0.4
1908	9.2	8.3	4.2	2.7	1.5	0.4	- 0.6	- 0.9	- 0.2	0.3	0.2	0.4	0.3
1909	- 0.8	- 0.8	- 1.2	- 0.7	- 0.8	- 0.3	0.1	0.6	0.8	0.8	0.9	0.8	0.2
1910	9.2	7.1	2.7	2.4	2.3	1.9	1.3	0.5	0.3	0.4	0.6	0.8	0.5
1911	5.2	3.9	0.4	0.2	0.4	0.0	- 0.1	0.0	0.3	0.6	0.6	0.8	0.3
1912	4.2	1.7	- 1.8	- 2.1	- 1.7	- 1.3	- 0.6	0.5	1.3	1.3	0.7	0.6	0.1
1913	1.2	0.2	- 2.1	- 2.6	- 2.3	- 1.6	- 0.9	- 0.4	0.5	1.0	0.9	0.7	0.3
1914	- 0.8	- 0.9	- 1.1	- 1.1	- 0.8	- 0.6	- 0.3	- 0.1	0.2	0.4	0.3	0.3	0.0
1915	- 5.8	- 5.9	- 6.0	- 4.1	- 1.5	1.0	2.7	3.2	3.1	2.8	1.9	1.3	0.8
1916	2.2	1.3	0.6	1.9	2.6	1.5	- 0.9	- 2.5	- 2.9	- 2.2	- 1.2	- 0.4	- 0.2
1917	11.2	8.0	3.8	1.8	0.9	0.3	0.3	0.8	0.7	0.9	0.8	0.7	0.2
1918	5.2	5.4	4.3	3.7	2.6	1.3	- 0.2	- 1.2	- 1.1	- 0.1	0.6	0.9	0.7
1919	- 4.8	- 4.0	- 1.0	- 0.6	- 0.4	0.6	0.5	0.7	- 0.8	0.2	0.3	- 0.3	- 1.0
1920	5.2	3.2	1.7	1.1	0.2	- 1.3	- 1.7	- 1.4	- 0.9	- 0.1	0.5	0.5	0.1
1921	1.2	1.7	1.0	1.6	2.2	3.0	4.0	2.8	0.1	- 1.0	- 1.4	- 1.3	- 1.3
1922	1.2	1.7	1.2	1.4	2.0	2.1	1.4	0.4	0.0	- 0.4	- 0.6	- 0.6	- 0.8
1923	1.2	1.3	0.4	0.1	0.0	- 0.2	0.3	0.5	0.9	1.1	1.0	0.9	0.7
1924	4.2	3.0	0.7	0.7	0.8	1.0	1.1	0.7	0.0	- 0.4	- 0.4	- 0.3	- 0.6
1925	4.2	- 0.3	0.6	- 0.2	- 0.5	- 0.8	- 0.9	- 0.4	0.3	0.8	0.8	0.8	0.5
1926	3.2	2.4	0.0	- 1.0	- 1.9	- 2.1	- 1.6	- 1.1	- 0.6	- 0.3	- 0.4	- 0.4	- 0.4
1927		2.0	2.6	1.8	0.3	- 1.1	- 1.6	- 1.8	- 1.3	- 0.6	0.3	0.7	0.7
1928		- 2.7	2.0	2.9	2.9	2.1	1.1	0.2	0.5	0.9	0.8	0.5	- 0.1
1929	2.2	2.2	0.4	0.2	- 0.5	- 1.1	- 1.4	- 1.2	- 0.7	- 0.1	- 0.1	0.0	- 0.3
1930	3.2	2.7	0.1	- 0.4	- 0.8	- 0.9	0.1	1.0	1.5	1.1	0.8	0.4	0.1
1931	- 3.8	- 1.0	- 1.3	- 2.0	- 2.3	- 2.3	- 1.7	- 0.7	0.4	1.1	1.2	0.8	0.5
1932	- 0.8	0.0	0.9	0.7	0.0	- 0.8	- 1.1	- 0.5	0.1	0.0	- 0.5	- 0.8	- 0.9
1933	6.2	5.4	1.2	- 0.1	- 0.8	- 1.5	- 1.4	- 0.6	0.6	1.1	0.8	0.4	0.2
1934	1.2	1.6	1.2	0.3	- 0.7	- 1.4	- 1.3	- 0.7	- 0.1	0.3	0.4	0.2	0.0
1935	- 6.8	- 6.5	- 5.0	- 3.1	- 1.0	0.3	1.1	0.9	0.6	0.1	0.0	- 0.1	- 0.3
1936	0.2	1.7	1.7	2.9	3.0	2.0	0.8	0.1	- 0.3	- 0.4	- 0.3	0.0	- 0.1
1937	- 3.8	- 3.1	- 4.1	- 0.6	- 0.1	0.0	0.0	- 0.3	- 0.2	- 0.2	- 0.3	- 0.5	- 0.7
1938	- 2.8	- 3.1	- 1.8	- 1.5	- 1.3	- 1.1	- 0.5	- 0.5	- 0.1	0.2	0.2	0.2	0.1
1939	0.2	0.7	- 0.4	- 0.8	- 1.1	- 1.2	0.0	0.2	- 0.3	0.4	- 0.2	- 0.3	- 0.7
1940	- 1.8	- 0.8	- 0.4	- 0.2	- 0.1	0.0	- 0.2	- 0.9	- 1.3	- 1.1	- 0.9	- 0.8	- 1.0
1941	4.9	2.6	- 0.3	- 0.3	0.1	0.1	- 0.3	- 1.2	- 2.7	- 2.4	- 1.5	- 0.6	1.3
1942	- 4.1	- 2.8	- 1.4	- 0.8	- 0.9	- 0.9	- 0.6	- 1.1	- 1.7	- 1.7	- 1.1	- 0.2	1.6
1943	- 5.7	- 4.1	- 0.2	0.6	0.5	0.4	0.2	- 0.4	- 0.9	- 1.0	- 0.5	- 0.1	1.5
1944	- 9.0	- 6.3	- 1.7	- 0.2	0.8	1.1	1.3	1.0	- 0.8	- 0.3	0.8	1.3	2.8
1945	- 7.6	- 4.7	- 3.3	- 2.1	- 1.1	- 0.2	0.4	1.3	- 0.6	- 1.0	- 0.8	- 0.2	1.5
1946	- 6.8	- 2.9	- 0.8	- 1.0	- 1.1	- 1.0	- 1.0	- 1.9	- 2.4	- 2.6	- 1.5	- 1.5	0.4
1947	3.7	0.8	0.8	1.7	2.1	1.4	0.5	- 0.5	- 1.1	- 1.3	- 1.2	- 0.7	2.2
1948	- 2.4	- 2.8	- 2.4	- 1.9	- 2.1	- 2.4	- 1.8	- 0.8	- 0.8	- 0.6	- 0.4	- 0.4	1.7
1949	- 1.2	- 2.2	0.9	2.2	2.7	2.0	0.9	0.1	- 0.2	- 0.6	- 1.9	- 1.0	0.7
1950	6.6	3.8	- 0.1	- 0.8	- 1.0	- 0.5	- 0.2	- 0.2	0.2	0.7	0.8	0.5	
1951	- 4.0	- 3.8	- 2.2	- 1.2	- 0.6	- 0.2	- 0.1	0.1	0.3	0.2	0.1	- 0.2	2.2
1952	2.3	0.8	0.7	0.4	- 0.2	- 1.5	- 2.4	- 1.9	- 1.1	- 0.7	- 0.2	0.0	- 0.2
1953	0.3	0.0	1.4	1.6	1.1	1.0	0.8	- 0.5	- 0.8	- 0.7	- 0.1	- 0.8	- 0.6
1954	- 2.6	- 0.2	1.7	1.0	0.1	- 0.7	- 0.7	- 1.4	- 1.0	- 1.0	- 0.5	- 1.2	- 0.6
1955	2.2	4.6	5.3	3.6	1.6	0.1	0.0	- 0.7	- 0.2	- 0.9	- 1.5	- 0.8	- 1.7
1956	0.0	- 0.1	- 1.4	- 2.3	- 2.2	- 1.0	0.2	0.0	0.8	0.3	0.1	- 0.2	- 0.6
1957	- 7.5	- 4.9	- 4.3	- 4.0	- 3.2	- 1.9	- 0.1	0.8	1.1	0.7	0.2	- 0.3	- 0.9
1958	4.1	2.5	1.5	1.2	0.6	0.0	- 0.5	- 0.8	- 0.8	- 1.0	- 1.0	- 0.9	- 0.7
1959	- 0.2	2.0	0.1	- 0.9	- 1.3	- 0.8	0.1	0.7	1.0	0.6	- 0.1	0.1	- 0.6
1960	- 1.9	- 1.3	0.1	0.6	0.9	1.1	0.8	0.3	- 0.1	- 0.1	- 0.6	- 0.8	- 1.3
1961	- 1.5	1.1	4.0	2.6	1.6	1.0	0.2	- 0.3	- 0.6	- 1.1	- 1.3	- 1.3	- 1.4
1962	- 4.0	- 3.0	- 1.5	- 0.9	- 0.8	- 0.8	- 0.6	- 0.5	- 0.4	- 0.2	0.0	0.1	0.2
1963	- 0.2	- 0.2	0.0	0.7	0.5	0.6	0.6	0.6	0.5	- 0.1	- 0.5	- 0.7	- 0.7
1964	- 2.4	- 2.9	- 2.4	- 2.6	- 1.9	- 0.6	0.0	0.2	0.4	0.3	0.1	- 0.1	- 0.9
1965	- 6.2	- 4.8	- 1.2	- 0.3	- 0.1	1.0	1.9	1.8	1.7	0.9	- 0.1	- 0.4	- 0.8
1966	0.8	- 0.4	- 0.7	- 1.2	- 1.4	- 1.1	- 0.4	- 0.9	- 0.6	- 0.4	- 0.4	- 0.6	- 0.7
1967	- 10.5	- 8.2	- 2.1	- 1.1	- 0.4	0.5	1.8	2.1	2.0	0.8	0.0	- 0.5	- 1.0
1968	- 5.8	- 3.1	0.6	1.5	2.0	1.9	1.6	1.3	1.0	0.5	- 0.1	- 0.5	- 1.1

Tab.1 (Fortsetzung)

JUNI	90	80	70	65	60	55	50	45	40	35	30	25	20
	17.1	15.4	12.5	11.3	11.1	11.5	12.3	13.2	13.6	13.6	13.4	12.8	12.3
1899	- 7.1	0.3	3.0	2.8	1.4	0.4	0.2	0.5	1.1	1.2	0.6	0.3	- 0.2
1900	- 4.1	- 3.6	- 2.6	- 2.0	- 1.7	- 1.3	- 1.0	- 0.7	0.0	0.5	0.2	0.2	- 0.4
1901	- 6.1	- 5.5	- 2.5	- 0.6	0.3	0.8	1.0	0.5	0.0	0.0	- 0.2	- 0.3	- 0.9
1902	5.9	5.0	3.4	3.0	1.4	0.0	- 1.1	- 1.7	- 1.5	- 1.2	- 0.9	- 0.5	- 0.9
1903	6.9	5.5	3.0	3.1	2.6	1.4	0.0	- 0.9	- 0.7	- 0.4	0.0	0.3	0.0
1904	6.9	5.6	2.2	0.5	- 0.9	- 0.9	0.2	1.4	2.1	2.3	1.4	1.0	0.1
1905	- 5.1	- 3.8	- 0.7	0.0	0.1	0.2	0.4	0.7	0.7	0.6	0.2	- 0.1	- 0.7
1906	5.9	5.0	2.6	2.1	0.9	0.0	- 0.7	- 1.0	- 0.7	- 0.4	- 0.5	- 0.5	- 0.7
1907	8.9	6.4	1.6	0.8	0.5	0.2	0.3	0.8	1.2	1.3	0.6	0.2	- 0.5
1908	1.9	2.0	2.3	2.3	1.4	0.8	0.8	1.3	1.7	1.5	0.9	0.7	0.4
1909	6.9	5.4	2.4	2.0	1.5	0.7	0.3	0.4	0.9	1.4	1.4	1.0	0.1
1910	5.9	3.4	- 0.6	- 0.9	- 1.0	- 1.0	- 0.7	0.0	0.9	1.6	1.6	1.2	0.3
1911	- 0.1	- 0.8	- 1.3	- 0.1	1.2	1.3	0.9	0.9	1.1	1.2	0.7	0.7	0.4
1912	4.9	3.5	0.8	0.0	- 0.4	- 0.8	- 1.1	- 0.6	0.2	0.5	0.1	0.0	- 0.2
1913	- 6.1	- 4.0	- 0.6	- 0.8	- 1.3	- 1.4	- 0.7	0.2	1.0	1.5	1.3	0.9	0.2
1914	- 4.1	- 4.1	- 1.9	- 0.6	0.3	0.1	0.0	- 0.1	0.4	1.2	1.1	0.8	0.0
1915	6.9	4.9	2.2	2.1	2.3	2.1	1.8	1.7	1.7	1.4	0.8	0.5	- 0.2
1916	6.9	3.7	3.3	2.8	2.2	1.6	1.3	1.4	0.4	0.3	- 0.1	- 0.5	- 1.2
1917	4.9	4.2	3.4	3.5	2.7	2.8	2.8	3.3	2.1	2.3	1.7	1.0	0.2
1918	- 1.1	- 0.2	- 0.5	0.5	0.8	0.1	- 0.3	- 0.9	- 1.1	- 0.6	- 0.2	- 0.3	- 1.0
1919	2.9	2.3	1.9	1.9	2.3	3.0	3.3	1.9	0.0	- 0.3	- 0.4	0.0	- 0.9
1920	0.9	1.0	1.0	0.4	- 0.3	- 0.5	- 0.3	- 0.3	- 0.9	0.0	- 0.2	- 0.6	- 1.3
1921	4.9	3.0	1.4	1.6	1.9	1.5	0.6	- 0.3	- 0.4	- 0.1	0.0	0.1	- 0.4
1922	3.9	3.2	1.0	0.8	- 0.1	0.4	0.6	0.2	- 0.1	- 0.2	- 0.2	- 0.3	- 0.9
1923	4.9	2.8	0.7	0.4	0.2	- 0.2	- 0.8	- 1.1	- 0.7	0.0	0.3	0.3	- 0.3
1924	- 3.1	0.4	0.9	0.8	0.9	0.8	0.8	0.6	0.2	0.1	0.0	0.3	0.1
1925	2.9	1.3	- 1.4	- 1.7	- 1.4	- 0.9	- 0.6	- 0.2	0.0	0.3	0.1	- 0.2	- 0.7
1926	4.9	1.6	3.8	3.2	1.7	0.0	- 1.1	- 1.1	- 0.5	- 0.2	- 0.1	0.2	0.1
1927	- 1.1	- 2.8	- 0.1	- 1.1	- 2.1	- 2.0	- 1.0	0.1	0.7	0.9	0.8	0.5	- 0.2
1928	7.9	5.2	- 0.1	- 1.4	- 1.6	- 1.3	- 0.9	- 0.7	- 0.8	- 0.8	- 0.8	- 0.7	- 1.1
1929	7.9	6.3	1.3	- 0.6	- 1.5	- 2.2	- 1.8	- 1.0	- 0.5	- 0.1	- 0.2	- 0.1	- 0.3
1930	0.9	- 1.2	- 2.5	- 2.1	- 1.8	- 1.8	- 1.2	- 0.3	0.4	0.7	0.4	0.1	- 0.8
1931	2.9	3.0	0.4	- 0.5	- 0.2	- 0.2	- 0.2	- 0.4	- 0.6	- 0.4	- 0.3	- 0.1	- 0.1
1932	3.9	3.4	0.9	0.6	0.6	0.6	0.2	- 0.2	- 0.3	- 0.5	- 0.5	- 0.2	- 0.2
1933	- 2.1	- 1.8	- 0.7	- 0.4	- 0.9	- 1.2	- 1.2	- 0.7	- 0.2	0.1	- 0.2	- 0.5	- 0.8
1934	- 0.1	- 0.1	- 0.7	- 0.1	- 0.1	- 0.9	- 1.1	- 0.7	- 0.1	0.6	0.7	0.4	- 0.1
1935	0.9	0.6	- 0.1	- 0.2	- 0.6	- 1.1	- 1.1	- 0.6	- 0.2	0.1	- 0.1	- 0.1	- 0.4
1936	- 5.1	- 3.9	- 1.3	- 0.6	- 0.5	- 0.5	- 0.8	- 1.1	- 1.0	- 0.6	- 0.5	- 0.7	- 0.9
1937	- 9.1	- 6.1	- 3.0	- 1.4	- 0.5	0.0	0.2	0.0	- 0.2	- 0.2	- 0.2	- 0.4	- 0.5
1938		- 2.6	- 2.5	- 3.0	- 2.0	- 0.5	0.5	1.2	0.7	0.8	0.9	0.9	0.4
1939	- 8.1	- 2.7	0.8	1.4	1.6	1.1	0.7	0.6	- 0.6	- 0.5	- 0.7	- 0.4	- 0.7
1940	2.0	1.4	- 0.4	- 0.7	- 0.7	- 0.1	0.0	- 1.0	- 2.8	- 2.7	- 0.2	1.0	2.8
1941	- 3.2	- 3.6	- 3.7	- 2.6	- 1.1	- 0.4	- 0.5	- 0.9	- 1.7	- 1.9	0.8	1.8	3.8
1942	- 3.0	- 1.2	0.3	0.0	0.0	- 0.1	0.2	- 0.7	- 2.1	- 2.8	- 0.8	0.2	2.4
1943	2.9	0.8	- 0.4	0.2	0.5	0.5	0.6	- 0.3	- 0.9	- 1.5	0.7	1.0	3.1
1944	- 1.4	- 1.5	- 1.6	- 1.4	- 1.0	- 0.7	- 0.4	- 1.3	- 2.6	- 4.1	- 2.0	- 0.9	1.6
1945	- 4.3	- 2.2	- 0.1	- 0.6	- 0.4	0.2	0.8	0.8	- 0.1	- 0.8	- 0.9	- 0.4	1.7
1946	6.9	2.4	- 2.1	- 2.9	- 2.5	- 1.5	- 0.6	1.1	2.0	1.6	1.1	1.4	4.2
1947	0.4	0.4	- 0.4	- 0.6	- 0.9	- 0.9	- 1.0	- 0.8	- 0.4	- 0.5	- 0.3	0.3	2.3
1948	- 1.1	0.0	1.0	0.6	- 0.1	- 0.6	- 0.9	- 0.9	- 0.9	- 0.7	0.7	0.5	2.6
1949	1.8	1.4	0.9	0.2	0.0	0.3	0.9	1.0	1.1	0.7	0.2	- 0.1	
1950	- 6.7	- 5.4	- 2.9	- 2.5	- 2.1	- 1.5	- 0.7	0.4	0.9	0.6	0.2	- 0.2	2.2
1951	- 1.6	- 1.6	0.5	0.8	0.8	0.8	0.1	- 0.2	- 0.7	- 0.5	- 0.4	- 0.6	3.0
1952	5.1	3.5	- 0.4	- 1.6	- 1.9	- 1.8	- 1.0	- 0.8	0.1	0.3	0.4	2.1	- 0.3
1953	- 8.6	- 4.3	0.8	1.6	1.2	0.5	0.5	- 0.8	0.3	0.0	0.0	0.3	- 0.7
1954	- 0.1	- 1.0	- 1.7	- 1.7	- 0.7	- 0.1	0.3	- 0.6	- 0.5	- 0.8	- 0.9	- 0.2	- 1.4
1955	- 1.4	- 1.5	- 0.9	- 1.0	- 0.6	0.0	0.4	- 1.2	- 0.2	- 0.2	0.1	- 0.7	- 1.0
1956	-12.4	- 4.8	0.2	0.5	0.5	0.8	1.1	1.2	1.5	1.0	0.1	- 0.5	- 0.5
1957	0.6	- 0.3	- 0.1	0.2	0.5	0.4	- 0.2	- 1.0	- 1.0	- 1.1	- 1.2	- 0.8	- 0.9
1958	- 0.4	0.7	2.6	1.7	1.2	0.2	- 0.6	- 0.8	- 0.5	- 0.6	- 0.9	- 0.9	- 1.2
1959	- 7.4	- 2.6	0.6	0.6	0.7	0.7	0.2	- 0.2	- 0.3	- 0.7	- 0.8	- 0.7	- 0.7
1960	- 0.6	- 1.6	- 1.0	- 0.7	- 0.3	0.4	0.9	1.0	0.7	0.0	- 0.6	- 0.9	- 1.0
1961	- 5.2	- 3.5	- 2.5	- 2.8	- 1.6	- 0.4	0.0	0.7	0.7	0.5	- 0.2	- 0.5	- 1.0
1962	- 0.8	- 1.4	- 1.2	- 1.4	- 0.6	0.8	1.5	1.7	1.0	0.3	- 0.3	- 0.7	- 1.1
1963	0.1	0.5	- 0.2	- 0.9	- 0.9	- 0.7	- 0.9	- 0.8	0.2	0.0	- 0.3	- 0.4	- 0.9
1964	- 6.0	- 5.1	- 2.6	- 1.7	- 0.7	- 0.6	- 1.2	- 1.3	- 1.3	- 1.3	- 1.4	- 1.2	- 1.4
1965	- 0.8	- 1.6	- 2.2	- 2.1	- 1.7	- 1.2	- 1.1	- 0.6	- 0.2	- 0.2	- 0.3	0.1	- 0.3
1966	-10.1	- 7.3	- 2.1	- 1.0	- 0.2	0.1	- 0.1	- 0.2	- 0.1	- 0.1	- 0.1	- 0.1	- 0.7
1967	- 6.6	- 4.9	- 1.4	- 0.4	0.7	1.8	1.8	1.2	0.6	- 0.1	- 1.0	- 1.3	- 1.9

Tab.1 (Fortsetzung)

JULI	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	14.8	13.7	11.2	10.0	10.0	11.0	12.5	13.6	14.1	13.9	13.4	12.5	11.9
1900	1.2	0.8	2.0	2.3	2.1	1.8	1.4	0.6	0.4	- 0.1	- 0.8	- 1.0	- 1.1
1901	3.2	0.8	- 2.4	- 2.6	- 2.3	- 2.0	- 1.7	- 1.5	- 1.0	- 0.4	- 0.4	- 0.6	- 1.0
1902	- 0.8	- 1.6	- 1.0	- 0.1	0.3	- 0.1	- 0.7	- 1.0	- 0.9	- 0.5	- 0.5	- 0.7	- 1.3
1903	5.2	3.1	0.2	0.1	- 0.1	- 0.1	0.1	0.3	0.4	0.5	0.3	- 0.1	- 0.9
1904	7.2	5.6	1.8	0.7	- 0.4	- 0.7	- 0.6	0.0	0.7	1.1	0.7	0.4	0.0
1905	7.2	4.9	0.2	- 1.6	- 2.0	- 1.3	- 0.2	1.0	1.5	1.6	1.0	0.5	- 0.2
1906	3.2	1.8	- 0.3	- 0.6	- 0.6	- 0.1	0.4	0.4	0.2	- 0.1	- 0.5	- 0.5	- 0.7
1907	6.2	4.2	1.2	0.7	0.6	0.5	0.3	0.3	0.3	0.1	- 0.4	- 0.5	- 0.7
1908	6.2	5.0	2.4	2.2	1.8	1.0	0.4	0.0	- 0.3	- 0.2	- 0.2	- 0.2	- 0.6
1909	4.2	3.1	1.7	1.6	0.8	0.0	- 0.2	0.0	0.2	0.6	0.5	0.4	- 0.1
1910	7.2	3.9	- 0.6	- 1.4	- 1.6	- 1.1	- 0.2	0.8	1.7	2.1	1.6	0.9	0.1
1911	7.2	4.2	0.0	- 0.3	- 0.4	- 0.8	- 1.2	- 1.0	- 0.6	0.2	0.1	0.1	- 0.1
1912	4.2	2.7	1.8	2.7	3.3	2.8	1.6	0.8	0.9	1.0	0.8	0.5	- 0.2
1913	2.2	1.1	1.0	1.3	1.5	1.4	0.3	- 0.1	- 0.3	0.2	0.3	0.3	- 0.1
1914	5.2	3.6	3.4	3.2	2.6	1.6	0.9	1.3	1.4	1.6	1.2	0.5	- 0.3
1915	4.2	3.1	0.4	- 0.4	- 0.9	- 1.3	- 1.0	- 0.2	0.0	0.5	0.3	- 0.1	- 0.9
1916	11.2	8.6	3.9	2.5	1.5	0.9	0.6	0.5	0.3	0.4	0.0	- 0.3	- 0.8
1917	1.2	0.8	- 0.5	- 0.2	0.0	0.6	1.0	1.3	0.8	1.0	0.6	0.4	- 0.2
1918	2.2	0.1	0.7	1.2	2.0	1.7	1.3	1.1	1.1	1.3	0.8	0.3	- 0.4
1919	3.2	7.9	6.9	6.3	4.4	2.5	1.0	0.3	- 1.0	- 0.4	- 0.1	- 0.2	- 1.0
1920	0.2	0.1	1.4	2.0	1.6	2.0	2.3	2.2	1.3	1.1	0.5	0.0	- 0.9
1921	2.2	0.1	- 1.5	- 0.7	- 0.2	0.8	0.8	0.2	0.8	1.0	0.1	- 0.4	- 1.1
1922	4.2	3.4	1.3	0.5	0.7	1.0	1.0	1.4	1.6	1.7	1.0	0.6	- 0.2
1923	7.2	5.2	3.4	3.3	2.9	2.5	2.4	2.1	1.7	1.7	1.2	0.7	- 0.1
1924	5.2	2.5	0.3	0.6	0.6	0.4	0.1	0.1	0.2	0.6	0.5	0.1	- 0.5
1925	- 0.8	- 1.1	- 3.0	- 3.3	- 3.4	- 3.0	- 2.0	- 0.5	0.6	1.1	0.6	0.2	- 0.2
1926	3.2	2.4	1.6	1.8	1.5	0.7	- 0.2	- 0.1	0.2	0.5	0.3	- 0.1	- 0.8
1927	- 5.8	- 3.1	- 2.2	- 2.0	- 1.8	- 1.9	- 1.8	- 0.9	- 0.2	0.5	0.5	0.4	- 0.2
1928	- 3.8	- 1.8	1.2	1.8	1.2	0.2	- 0.2	0.3	0.8	1.2	0.7	0.3	- 0.1
1929	0.2	- 0.8	- 2.2	- 1.9	- 1.0	- 0.1	0.6	1.1	1.3	1.2	0.5	0.1	- 0.4
1930	4.2	2.7	- 0.3	- 1.0	- 1.0	- 0.7	- 0.2	0.9	1.2	1.1	0.5	0.0	- 0.4
1931	7.2	3.6	- 1.1	- 2.3	- 2.8	- 2.3	- 1.5	- 0.7	- 0.6	- 0.5	- 0.7	- 1.0	- 1.4
1932	- 1.8	- 2.9	- 1.5	- 0.4	0.1	- 0.2	- 0.7	- 0.7	- 0.9	- 1.0	- 1.0	- 0.8	- 1.0
1933	0.2	1.4	0.3	- 0.8	- 1.1	- 1.7	- 2.0	- 1.3	- 0.8	- 0.4	- 0.4	- 0.3	- 0.7
1934	- 4.8	- 3.7	- 1.8	- 0.5	0.0	0.0	0.3	0.7	1.1	1.2	0.6	0.1	- 0.4
1935	- 0.8	- 0.3	1.1	1.1	0.8	0.5	0.4	0.3	- 0.2	0.1	0.0	0.1	- 0.4
1936	- 2.8	- 3.0	- 2.9	- 2.9	- 2.0	- 0.9	0.2	0.8	1.0	0.9	0.3	- 0.2	- 0.7
1937	0.2	- 0.2	- 0.4	- 0.1	- 0.4	- 0.8	- 1.0	- 0.7	- 0.4	- 0.2	- 0.3	- 0.3	- 0.6
1938	- 2.8	0.7	- 0.7	- 1.5	- 2.1	- 1.9	- 1.4	- 0.7	- 0.3	0.1	- 0.2	- 0.6	- 0.7
1939	- 7.8	- 3.3	0.8	2.2	2.3	2.0	1.2	0.8	0.4	0.5	0.2	0.2	0.0
1940	4.9	2.3	- 0.7	- 1.6	- 1.6	- 1.2	- 0.9	- 1.4	- 2.6	- 3.1	0.1	1.6	3.5
1941	- 0.4	- 0.2	- 0.2	0.0	- 0.2	- 0.3	- 0.3	- 1.0	- 2.0	- 2.2	0.9	2.2	4.2
1942	- 6.7	- 5.5	- 2.3	- 1.1	- 0.3	0.0	- 0.2	- 0.8	- 1.8	- 2.6	0.2	1.5	3.6
1943	1.8	- 0.6	- 1.8	- 1.5	- 1.2	- 0.5	- 0.2	- 0.7	- 1.8	- 2.2	0.2	1.1	3.6
1944	2.9	0.1	- 1.3	- 1.3	- 1.3	- 0.9	- 0.4	- 0.9	- 1.5	- 2.0	0.0	0.8	3.7
1945	- 1.3	- 0.5	- 0.4	- 0.5	- 1.1	- 1.9	- 2.5	- 2.9	- 3.3	- 3.7	- 1.6	- 0.5	2.8
1946	- 6.5	- 4.2	- 1.0	- 0.7	- 0.5	- 0.3	- 0.2	- 0.4	- 0.7	- 1.2	- 1.2	- 0.5	2.0
1947	- 0.1	- 1.9	- 1.1	- 1.1	- 1.3	- 1.1	- 0.3	1.0	1.0	0.2	1.2	0.6	3.2
1948	- 6.1	- 4.0	- 2.6	- 2.6	- 2.4	- 2.0	- 1.3	- 0.2	0.2	0.0	1.4	0.3	3.2
1949	- 2.9	- 1.3	- 1.2	- 1.2	- 1.0	- 0.8	- 0.5	- 0.3	- 0.5	- 0.6	0.1	0.7	1.9
1950	- 2.2	- 3.3	- 0.7	0.4	0.7	0.6	0.5	1.0	1.1	0.8	0.4	1.3	2.8
1951	1.1	1.1	- 0.4	- 1.2	- 2.0	- 2.6	- 2.1	- 0.7	- 0.4	- 0.4	- 0.5	- 0.9	2.6
1952	0.6	- 0.8	- 2.1	- 1.5	- 0.4	0.4	0.9	- 0.5	0.3	- 0.1	- 0.1	2.3	- 0.5
1953	- 7.1	- 5.2	- 1.8	- 0.4	0.8	1.5	2.1	0.4	0.8	0.1	- 0.3	1.1	- 0.7
1954	- 6.6	- 4.3	- 1.1	- 0.2	- 0.5	- 0.3	0.5	- 0.7	0.1	- 0.2	- 0.2	0.1	- 0.7
1955	- 10.7	- 6.1	- 0.7	- 0.3	- 0.3	0.2	0.6	- 0.7	0.1	- 0.7	- 1.3	- 0.8	- 1.5
1956	- 9.1	- 6.7	- 2.2	- 1.3	- 0.9	- 0.7	- 0.5	- 2.1	- 0.9	- 1.1	- 1.2	- 0.7	- 1.3
1957	- 9.1	- 2.5	1.4	1.3	1.1	0.9	0.2	0.4	0.5	0.4	0.1	0.0	- 0.5
1958	- 2.3	- 1.7	1.6	1.7	1.2	0.4	- 0.1	- 0.1	- 0.1	- 0.7	- 0.8	- 0.5	- 0.3
1959	0.3	0.2	- 0.5	- 0.1	- 0.2	- 0.9	- 1.5	- 1.1	- 0.7	- 0.5	- 1.3	- 1.3	- 1.3
1960	- 3.0	- 2.9	- 1.1	- 0.7	- 0.2	0.3	0.5	0.6	0.1	- 0.5	- 0.7	- 0.7	- 0.9
1961	- 2.6	0.3	1.2	0.5	- 0.2	- 0.7	- 0.7	- 0.1	- 0.1	- 0.3	- 0.6	- 0.7	- 0.8
1962	- 4.3	- 2.2	- 0.2	- 0.1	0.7	0.6	0.2	0.0	- 0.5	- 1.0	- 1.2	- 1.1	- 1.3
1963	- 1.7	- 0.4	3.3	3.3	2.6	1.8	0.6	0.0	- 0.5	- 0.8	- 1.2	- 0.9	- 1.3
1964	- 2.4	- 2.8	- 0.6	0.5	0.8	0.9	0.3	0.0	- 0.3	- 0.7	- 1.2	- 1.1	- 1.5
1965	- 12.0	- 8.7	- 2.1	- 1.5	- 0.5	0.2	- 0.2	0.0	- 0.3	- 0.5	- 0.6	- 0.6	- 1.1
1966	0.9	1.0	1.0	0.6	0.3	0.0	- 0.4	- 0.4	- 0.5	- 0.4	- 0.3	0.1	- 0.5
1967	- 2.8	- 2.4	- 1.7	- 0.7	0.3	0.3	0.4	- 0.4	- 0.7	- 1.1	- 1.1	- 0.9	- 1.4
1968	- 7.4	- 3.7	0.0	0.6	0.7	0.8	0.9	1.1	0.7	0.1	- 0.5	- 1.0	- 1.7

Tab.1 (Fortsetzung)

AUGUST	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	15.8	14.1	11.4	10.4	10.5	11.6	13.3	14.3	14.5	14.0	13.2	12.1	11.4
1900	2.2	2.8	2.6	2.4	1.6	0.8	0.3	0.0	- 0.2	0.4	0.8	0.8	0.1
1901	4.2	0.7	- 3.0	- 2.9	- 1.6	- 0.1	0.3	0.1	0.3	0.7	0.2	- 0.2	- 0.9
1902	0.2	- 0.3	- 1.5	- 1.6	- 1.1	- 0.3	0.6	0.8	0.7	0.6	0.0	- 0.6	- 1.0
1903	8.2	5.8	2.0	0.8	- 0.1	- 0.4	- 0.2	0.4	0.8	1.0	0.4	0.0	- 0.8
1904	6.2	3.8	- 0.3	- 1.1	- 1.4	- 0.9	- 0.5	- 0.2	0.2	0.9	1.1	0.9	0.5
1905	11.2	8.3	3.7	1.8	0.7	0.9	1.4	1.9	2.2	2.1	1.5	0.9	0.2
1906	4.2	3.3	0.9	0.2	- 0.3	- 0.4	- 0.5	- 0.2	0.0	0.3	0.1	0.3	0.0
1907	7.2	5.5	2.3	1.3	0.1	- 0.8	- 1.1	- 1.0	- 0.6	- 0.1	0.0	- 0.1	- 0.6
1908	7.2	5.7	1.6	0.7	0.0	0.0	0.3	0.9	1.0	0.8	0.3	- 0.1	- 0.5
1909	3.2	2.5	1.0	0.8	0.2	0.0	0.4	0.8	1.1	1.0	0.6	0.2	- 0.3
1910	3.2	0.4	- 4.0	- 3.8	- 2.2	- 0.3	0.6	0.9	1.0	1.3	0.9	0.7	0.2
1911	8.2	6.0	3.1	2.7	2.0	1.1	0.7	0.8	1.0	0.9	0.2	0.0	- 0.4
1912	6.2	5.0	2.3	1.9	1.6	1.1	0.7	1.0	1.0	0.8	- 0.1	- 0.5	- 1.1
1913	4.2	3.3	1.4	0.4	- 0.2	- 0.7	- 1.0	- 0.5	0.2	0.7	0.4	0.0	- 0.6
1914	3.2	2.4	2.0	2.4	3.0	2.7	1.7	1.1	0.9	1.0	0.4	- 0.1	- 0.7
1915	8.2	6.0	2.5	0.9	- 0.2	- 0.7	- 0.2	0.6	1.2	1.5	1.0	0.3	- 0.5
1916	7.2	5.2	2.4	1.8	1.5	0.6	- 0.3	- 0.7	- 0.7	- 0.6	- 0.9	- 0.9	- 1.2
1917	1.2	- 1.0	- 1.2	- 1.6	- 1.9	- 1.7	- 1.0	- 0.1	0.2	0.6	0.3	0.1	- 0.4
1918	2.2	2.4	2.4	1.4	0.7	0.4	0.2	1.1	1.0	1.4	1.2	1.1	0.5
1919	8.2	4.7	2.6	0.9	0.4	1.2	1.0	0.8	0.1	0.7	0.9	0.9	0.3
1920	2.2	1.8	0.7	0.1	0.1	0.5	0.3	- 0.2	0.7	1.1	1.3	0.9	0.1
1921	5.2	3.9	3.2	2.9	2.9	1.8	1.8	1.7	1.0	0.6	0.0	- 0.3	- 0.9
1922	2.2	3.6	1.1	0.7	0.7	0.9	0.7	0.6	0.6	0.5	0.0	- 0.4	- 0.7
1923	7.2	6.2	2.8	1.6	0.9	0.4	- 0.1	0.1	0.4	0.4	0.0	- 0.2	- 0.8
1924	6.2	5.6	3.0	1.4	- 0.5	- 1.4	- 1.6	- 0.8	- 0.1	0.6	0.6	0.1	- 0.6
1925	- 6.6	- 1.9	- 1.6	- 1.4	- 1.2	- 1.2	- 0.7	- 0.3	0.2	0.5	0.2	- 0.2	- 0.3
1926	4.2	2.5	0.3	- 0.3	- 0.2	0.1	0.3	0.8	1.3	1.3	0.6	- 0.2	- 1.0
1927	- 0.4	- 0.6	- 0.7	- 0.6	- 0.6	- 0.6	- 0.8	- 0.6	- 0.2	0.7	1.0	0.9	0.3
1928	- 0.8	0.4	0.4	- 0.2	- 0.7	- 0.9	- 1.0	- 0.5	- 0.2	0.3	0.2	0.2	- 0.2
1929	3.2	2.9	0.6	- 0.1	- 0.7	- 0.5	0.2	0.6	0.6	0.7	0.3	0.1	- 0.3
1930	4.2	1.9	- 0.5	- 0.5	- 0.1	0.4	0.4	0.3	0.3	0.4	0.1	0.1	- 0.1
1931	3.2	3.1	1.4	1.1	0.8	0.8	0.7	0.6	0.2	0.0	- 0.1	- 0.3	- 0.5
1932	- 3.8	- 2.0	- 0.3	0.6	0.6	- 0.8	- 1.6	- 1.1	- 0.6	- 0.1	- 0.1	- 0.3	- 0.6
1933	- 3.8	- 4.7	- 1.0	0.1	1.7	2.1	1.5	1.0	0.5	- 0.1	- 0.7	- 0.9	- 0.5
1934	- 4.8	- 4.7	- 3.8	- 3.1	- 2.6	- 1.3	- 0.6	- 0.2	0.0	0.2	0.2	0.2	0.1
1935	1.2	2.1	1.2	0.3	- 0.1	0.2	0.3	0.6	0.7	0.9	0.8	0.7	0.1
1936	- 4.8	- 3.3	- 2.0	- 1.1	- 0.4	0.4	0.7	0.6	0.1	- 0.1	- 0.4	- 0.4	- 0.5
1937	- 3.8	- 2.4	- 0.8	0.6	1.5	1.5	1.0	0.8	0.7	0.6	- 0.1	- 0.5	- 0.7
1938	- 9.8	- 6.7	- 1.9	- 0.7	0.4	0.8	0.7	0.6	0.4	0.7	0.3	0.1	- 0.1
1939	- 8.8	- 5.5	- 1.8	0.6	1.3	1.6	0.8	0.4	0.0	0.0	0.0	- 0.2	- 0.7
1940	- 4.2	- 3.2	- 1.7	- 0.4	0.6	0.8	0.7	- 0.4	- 1.9	- 2.8	- 0.2	1.0	2.6
1941	- 7.0	- 5.0	- 2.3	- 1.4	- 0.2	0.8	2.2	1.6	- 0.4	- 1.6	- 0.1	1.4	3.0
1942	- 7.8	- 3.0	0.6	0.6	- 0.2	- 0.7	- 1.3	- 1.6	- 2.5	- 3.2	- 0.5	1.1	3.1
1943	- 3.1	- 3.5	- 2.9	- 1.8	- 0.9	- 0.1	0.4	0.1	- 1.0	- 1.9	0.0	1.2	2.8
1944	5.4	3.3	0.6	0.2	- 0.4	- 0.7	- 0.7	- 1.3	- 1.9	- 2.6	- 1.2	- 0.3	2.4
1945	- 8.6	- 7.4	- 3.2	- 1.7	- 1.1	0.0	0.1	- 0.8	- 1.6	- 2.3	- 1.0	- 0.1	2.4
1946	- 8.8	- 6.4	- 2.1	- 0.6	- 0.4	- 0.3	- 0.4	0.1	0.2	0.0	- 0.2	- 0.9	1.4
1947	- 3.8	- 3.4	- 1.3	0.0	0.2	0.1	0.3	0.4	0.0	- 0.6	0.2	0.2	3.2
1948	- 3.7	- 3.0	1.0	1.9	1.8	1.3	0.8	0.8	0.3	- 0.1	1.3	0.4	2.8
1949	- 6.8	- 4.2	- 0.8	- 0.4	- 0.7	- 0.6	- 0.6	- 0.3	- 0.2	- 0.5	0.2	- 0.4	1.7
1950	- 4.0	- 3.3	- 1.4	- 0.3	0.3	0.4	0.1	0.4	0.2	0.0	0.1	1.1	2.5
1951	- 2.0	- 0.3	0.6	- 0.8	- 2.3	- 2.1	- 1.9	- 1.2	- 1.4	- 1.2	- 1.2	- 1.7	1.4
1952	- 3.9	- 3.0	0.2	0.7	1.3	0.7	0.2	- 1.1	0.1	- 0.4	- 0.6	0.9	- 0.7
1953	- 6.7	- 3.6	- 1.0	- 0.7	- 0.6	- 0.3	0.1	- 1.2	- 0.3	- 0.7	- 0.8	- 0.2	- 0.9
1954	- 7.0	- 3.7	- 1.2	- 1.6	- 1.3	- 0.3	0.5	- 0.4	0.4	- 0.2	- 0.5	0.3	- 0.8
1955	- 5.0	- 3.4	- 1.2	- 0.5	- 0.7	- 0.9	- 0.8	- 2.2	- 0.9	- 1.0	- 0.7	- 0.2	- 1.4
1956	- 12.7	- 10.0	- 4.0	- 1.7	- 0.2	1.0	1.0	- 1.1	0.3	- 0.4	- 0.9	- 1.5	- 1.1
1957	- 2.9	0.2	0.8	- 0.6	- 1.5	- 1.4	- 0.9	- 0.7	- 0.8	- 0.8	- 0.6	- 0.1	0.1
1958	- 9.5	- 5.8	0.3	1.0	0.8	0.8	0.8	0.5	0.2	0.1	- 0.3	- 0.3	- 0.5
1959	- 0.3	- 0.3	0.9	0.7	0.3	- 0.5	- 1.3	- 0.6	- 0.2	- 0.5	- 0.7	- 0.5	- 0.6
1960	1.8	2.2	1.1	1.0	0.7	0.7	- 0.2	- 1.1	- 1.7	- 3.2	- 2.2	- 1.8	- 1.4
1961	5.6	3.1	0.0	- 0.6	- 1.3	- 2.0	- 1.8	- 0.8	- 0.2	- 0.3	- 0.9	- 1.1	- 1.4
1962	0.3	0.5	- 1.7	- 2.7	- 2.2	- 0.8	0.1	0.6	0.5	0.1	- 0.8	- 0.6	- 0.7
1963	- 1.9	- 2.5	- 1.4	- 1.5	- 1.5	- 0.4	0.1	0.5	0.6	0.4	0.2	0.2	- 0.1
1964	- 3.2	- 0.7	0.4	0.6	0.3	0.2	- 0.1	- 0.4	- 0.9	- 1.3	- 1.3	- 1.0	- 1.3
1965	2.3	3.0	0.9	0.7	0.0	- 0.7	- 1.1	- 1.2	- 0.7	- 1.3	- 1.2	- 1.0	- 1.6
1966	0.6	- 0.1	- 1.8	- 1.8	- 1.1	- 0.7	- 0.4	- 0.3	- 0.5	- 0.6	- 0.6	- 0.1	- 0.3
1967	0.4	0.4	0.4	1.0	1.3	1.0	0.0	- 0.7	- 0.6	- 1.1	- 1.1	- 0.9	- 1.1
1968	- 7.5	- 3.9	- 0.2	0.2	0.3	0.3	- 0.2	- 0.1	- 0.2	- 0.4	- 0.6	- 0.7	- 1.1

Tab.1 (Fortsetzung)

SEPTEMBER	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	15.4	13.6	11.1	10.6	11.2	12.9	15.0	16.3	16.4	15.7	14.5	13.0	11.9
1900	- 1.4	- 0.5	- 0.8	- 0.7	- 0.4	0.2	0.8	0.8	0.8	0.7	0.6	0.8	0.5
1901	0.6	- 2.3	- 5.7	- 5.1	- 2.3	0.2	1.2	1.2	0.8	1.4	0.8	0.3	- 0.2
1902	0.6	0.1	- 1.1	- 1.1	- 1.0	- 1.1	- 1.2	- 1.0	- 0.4	0.1	0.2	0.2	- 0.1
1903	8.6	5.4	0.0	- 0.6	0.0	0.6	1.3	1.4	1.1	0.7	0.3	0.3	- 0.2
1904	2.6	1.1	1.0	0.8	- 0.1	- 0.7	- 0.5	0.3	1.1	1.2	1.0	0.9	0.8
1905	6.6	5.4	4.0	3.3	2.7	2.1	1.3	1.1	1.4	1.7	1.4	1.3	0.7
1906	2.6	1.9	0.2	0.1	0.1	0.3	- 0.1	0.2	0.6	0.9	0.7	0.6	0.0
1907	1.6	1.3	1.5	1.7	1.3	0.5	0.3	0.7	1.0	0.7	0.2	0.3	- 0.3
1908	6.6	5.1	4.1	4.6	4.6	3.4	2.1	1.5	1.0	0.6	0.2	- 0.1	- 0.4
1909	- 0.4	0.2	0.0	- 0.2	- 0.1	0.0	0.2	0.7	0.9	1.0	0.6	0.3	- 0.2
1910	6.6	4.3	0.9	1.2	2.0	2.0	0.8	0.1	0.2	0.9	1.1	0.9	0.4
1911	- 5.4	- 3.4	0.7	2.2	3.2	3.4	2.7	1.5	0.5	0.5	0.3	0.2	- 0.2
1912	4.6	3.3	0.2	- 0.3	0.1	0.4	0.6	0.8	1.2	1.5	1.2	0.8	- 0.1
1913	7.6	5.5	3.6	3.2	3.0	2.3	0.9	0.3	0.3	0.7	0.9	0.8	0.4
1914	4.6	3.7	3.7	2.5	1.3	0.2	- 0.3	- 0.2	0.4	0.8	0.6	0.4	- 0.1
1915	6.6	5.2	1.5	1.1	1.0	0.6	0.7	1.0	1.5	1.7	1.3	0.8	0.0
1916	12.6	9.4	3.7	1.7	0.1	- 1.0	- 1.1	- 0.2	0.4	0.5	0.2	- 0.1	- 0.8
1917	0.6	0.7	1.6	0.8	0.7	0.0	- 0.3	- 0.4	0.1	0.6	0.5	0.2	- 0.5
1918	- 1.4	- 2.6	- 4.2	- 3.5	- 2.4	- 1.1	0.1	0.9	1.2	1.6	1.5	1.1	0.5
1919	1.6	1.3	0.3	- 0.3	- 0.8	- 1.0	- 1.1	- 0.4	0.4	1.1	1.0	1.1	0.9
1920	0.6	- 0.3	- 1.0	- 1.5	- 1.1	0.3	0.4	0.2	0.0	0.2	0.5	0.5	- 0.1
1921	3.6	3.3	2.8	1.6	0.5	- 0.2	0.0	- 0.4	- 0.1	- 0.1	- 0.2	- 0.2	- 0.5
1922	7.6	6.0	3.0	2.0	1.1	0.4	0.1	0.1	0.4	0.8	0.8	0.5	0.1
1923	4.6	4.5	3.2	2.3	1.3	0.4	0.3	0.7	1.2	1.2	1.0	0.7	- 0.1
1924	4.6	2.6	0.5	0.7	1.1	1.4	1.6	1.8	1.7	1.3	0.6	0.1	- 0.5
1925	- 1.3	- 1.9	- 2.7	- 2.8	- 2.0	- 1.1	- 0.2	0.3	0.6	0.4	0.4	0.4	0.7
1926	- 3.4	- 3.0	- 2.0	- 1.0	- 0.1	0.5	0.6	0.2	0.0	0.1	- 0.1	- 0.3	- 0.8
1927	- 5.6	- 0.3	1.0	1.7	1.2	0.4	0.1	- 0.1	0.2	0.3	0.3	- 0.2	- 0.2
1928	3.0	1.7	0.1	- 1.6	- 2.6	- 2.8	- 2.0	- 1.5	- 1.0	- 1.0	- 0.8	- 0.8	- 0.8
1929	0.6	- 0.7	- 1.1	- 0.4	0.2	0.5	0.8	0.7	0.8	0.2	- 0.3	- 0.7	- 0.7
1930	1.6	1.8	1.5	0.9	0.2	- 0.3	- 0.5	- 0.1	- 0.1	- 0.3	0.0	0.1	- 0.3
1931	0.6	2.6	3.6	3.2	2.1	0.9	0.1	- 0.2	- 0.1	0.2	0.3	0.4	0.1
1932	- 1.4	- 1.2	0.6	1.4	1.2	0.4	- 0.5	- 0.7	- 0.5	- 0.1	0.2	0.1	- 0.1
1933	- 5.4	- 4.0	- 3.4	- 2.3	- 0.7	0.7	1.0	0.8	0.3	0.0	- 0.4	- 0.3	- 0.1
1934	3.6	4.0	2.2	1.5	0.7	- 0.6	- 1.4	- 1.5	- 1.2	- 0.5	- 0.2	- 0.1	0.0
1935	10.6	8.3	3.3	1.7	0.8	0.2	0.2	0.4	0.2	- 0.1	- 0.2	- 0.1	- 0.4
1936	3.6	2.6	- 0.1	- 0.7	- 1.5	- 1.8	- 1.4	- 1.1	- 0.9	- 0.8	- 0.7	- 0.5	- 0.7
1937	- 2.4	- 1.7	0.8	1.7	1.2	0.1	- 0.4	- 0.4	- 0.5	- 0.1	0.0	- 0.2	- 0.2
1938	- 9.4	- 7.0	- 2.9	- 1.7	- 0.6	0.1	0.0	0.0	0.0	0.2	0.3	0.2	0.2
1939	- 4.4	- 1.7	- 2.2	- 1.2	- 0.1	0.3	- 0.1	- 0.2	- 0.1	0.1	0.1	0.2	- 0.5
1940	- 7.0	- 5.0	- 2.5	- 0.6	0.4	0.6	0.4	- 0.9	- 2.3	- 3.4	- 2.1	- 0.5	1.3
1941	- 2.6	- 1.5	- 0.9	- 1.4	- 0.9	0.1	1.1	0.2	- 1.0	- 2.0	- 0.5	0.7	1.6
1942	- 3.0	- 2.4	- 0.4	1.3	1.3	0.6	0.6	0.1	- 1.1	- 1.9	- 0.8	0.0	1.1
1943	- 4.4	- 5.1	- 2.2	- 0.8	- 0.4	- 0.3	0.4	0.2	- 0.8	- 1.8	- 0.7	0.5	2.2
1944	3.4	0.7	- 0.9	- 1.3	- 0.9	0.2	1.5	1.3	0.3	- 1.0	- 0.7	- 0.3	1.7
1945	- 8.8	- 5.6	- 0.9	1.0	1.9	2.0	1.8	1.3	0.4	- 0.3	0.4	0.8	1.6
1946	- 4.8	- 2.0	0.8	0.0	- 0.8	- 0.4	0.0	0.3	0.1	- 0.2	0.1	0.0	1.6
1947	0.9	0.8	1.7	0.7	- 0.5	- 1.1	- 0.9	- 0.4	0.0	- 0.6	0.1	0.1	1.6
1948	- 2.8	- 5.2	- 2.6	- 0.5	0.9	1.7	1.3	0.9	0.5	0.1	- 0.5	0.3	2.0
1949	- 2.5	- 3.0	- 1.1	- 0.5	- 1.2	- 1.3	- 0.2	0.1	- 0.4	- 0.6	0.1	- 0.7	0.6
1950	- 2.6	- 1.5	0.8	1.7	1.5	0.3	- 0.6	- 0.4	0.0	0.2	- 0.3	0.1	1.6
1951	- 3.0	- 3.1	- 1.7	- 2.9	- 3.9	- 3.1	- 1.8	- 1.2	- 0.4	- 0.3	- 0.4	- 0.4	2.4
1952	0.0	0.6	2.1	1.8	0.6	- 0.4	- 0.9	- 1.0	- 1.7	- 1.7	- 1.1	0.2	- 0.7
1953	- 2.8	- 1.3	0.9	0.9	0.2	0.0	0.0	- 0.1	- 0.6	- 0.8	- 0.6	- 0.3	- 0.7
1954	- 9.1	- 6.4	- 2.2	- 1.4	- 1.7	- 1.4	- 0.7	- 0.6	- 0.1	- 0.9	- 1.3	0.0	- 0.4
1955	- 4.7	- 2.3	- 0.7	- 1.0	- 1.2	- 1.0	- 0.4	- 0.7	- 0.1	- 0.7	- 0.8	- 0.1	- 1.5
1956	- 2.4	- 1.3	- 0.9	- 0.7	- 0.7	- 0.1	0.2	0.1	0.2	- 0.1	- 0.7	- 1.2	- 1.1
1957	- 1.4	- 0.7	- 0.8	- 0.6	- 0.3	- 0.3	- 0.4	- 0.4	- 0.2	- 0.5	- 1.1	- 1.0	- 0.8
1958	2.6	1.3	0.7	0.7	0.6	0.2	- 0.5	- 1.2	- 0.6	- 0.4	- 0.6	- 1.0	- 1.0
1959	- 9.3	- 3.6	- 0.8	- 0.5	- 1.0	- 1.8	- 2.0	- 1.1	- 0.6	- 0.8	- 1.1	- 1.0	- 1.0
1960	3.1	1.4	- 2.0	- 1.7	- 1.4	- 1.2	- 1.5	- 1.9	- 1.9	- 2.0	- 1.8	- 1.3	- 1.3
1961	0.0	1.0	1.0	0.1	- 0.2	0.3	0.7	0.9	0.8	0.2	- 0.5	- 0.7	- 0.8
1962	- 1.3	- 3.5	- 4.0	- 3.6	- 2.7	- 1.7	- 0.9	0.1	0.3	- 0.4	- 1.1	- 1.5	- 1.4
1963	- 5.3	- 2.3	- 0.2	0.0	- 0.1	0.0	- 0.2	- 0.3	- 0.2	0.0	- 0.3	- 0.7	- 0.6
1964	- 6.1	- 4.5	- 2.6	- 2.2	- 1.3	- 0.5	- 0.8	- 1.1	- 0.8	- 0.9	- 1.1	- 0.6	- 1.2
1965	3.7	2.6	- 0.1	- 0.2	- 0.6	- 0.7	- 0.3	0.2	0.4	0.7	- 0.1	- 0.1	- 0.6
1966	3.9	3.8	1.2	0.8	0.6	0.2	0.1	- 0.2	- 0.2	- 0.6	- 0.8	- 0.5	- 0.8
1967	- 4.4	- 3.7	- 3.8	- 3.5	- 2.9	- 2.1	- 1.3	- 1.1	- 0.8	- 0.6	- 0.5	- 0.4	- 0.7
1968	-10.1	- 7.0	- 2.4	- 1.6	- 1.3	- 1.2	- 0.9	- 0.7	- 0.6	- 0.9	- 1.1	- 1.1	- 1.3

Tab.1 (Fortsetzung)

OKTOBER	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	15.8	13.1	10.4	10.2	10.8	12.7	15.5	17.6	18.3	17.9	16.7	15.1	13.4
1900	- 5.8	- 3.7	- 1.1	0.1	1.7	2.8	2.5	1.7	1.1	0.8	0.6	0.3	0.3
1901	0.2	- 0.2	- 2.3	- 2.8	- 1.8	- 0.4	0.7	0.7	1.1	1.3	1.3	1.0	0.5
1902	3.2	2.8	1.0	1.0	1.1	1.5	1.7	1.2	1.2	1.1	0.5	- 0.1	- 0.5
1903	4.2	3.2	0.4	- 0.1	- 0.2	0.1	0.4	0.7	1.0	1.1	0.9	0.8	0.4
1904	3.2	2.9	2.1	1.1	- 0.4	- 1.8	- 1.8	- 0.8	0.2	0.6	0.7	0.6	0.6
1905	0.2	0.8	2.0	2.3	3.1	3.2	2.6	1.8	1.4	1.0	0.6	0.3	0.3
1906	4.2	4.6	3.7	3.6	3.4	2.4	1.3	0.2	- 0.3	- 0.1	0.2	0.3	0.1
1907	0.2	0.1	0.2	0.8	1.4	1.1	0.4	0.2	0.2	0.0	0.0	0.2	- 0.1
1908	7.2	6.7	4.6	3.4	2.0	0.4	- 0.5	- 0.3	0.4	0.7	0.8	0.7	0.9
1909	2.2	2.5	1.7	1.9	1.9	1.3	0.2	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1
1910	8.2	6.4	1.6	1.0	1.6	1.7	0.3	- 0.5	0.0	0.9	1.3	1.1	0.4
1911	- 0.8	- 2.3	- 1.9	- 0.9	0.0	0.4	0.5	0.8	0.8	0.7	0.8	1.0	1.1
1912	6.2	3.7	- 0.6	- 0.1	1.1	0.8	0.3	0.3	0.6	0.5	0.5	0.5	0.4
1913	6.2	4.8	3.7	2.5	1.4	0.3	0.2	0.8	1.4	1.6	1.1	0.8	0.4
1914	4.2	3.8	3.0	2.3	1.9	0.9	0.3	0.2	0.0	- 0.2	0.1	0.5	0.5
1915	4.2	3.5	1.9	1.5	1.3	0.4	- 0.5	- 0.7	- 0.3	0.4	1.0	1.2	1.0
1916	11.2	9.3	5.1	4.0	2.7	1.6	0.7	0.4	0.6	0.6	0.1	- 0.4	- 0.9
1917	1.2	- 0.5	- 1.3	- 1.5	- 1.4	- 0.7	0.3	1.5	2.3	2.2	1.7	1.1	0.1
1918	2.2	1.7	2.2	1.3	0.4	0.0	- 0.2	0.4	0.6	0.7	0.8	0.5	0.2
1919	5.2	4.1	1.9	0.2	- 1.1	- 1.3	- 1.2	- 0.9	0.0	0.9	0.9	0.2	- 0.3
1920	7.2	8.3	7.9	6.8	4.7	3.5	1.7	0.0	- 0.8	- 0.4	0.7	0.8	0.2
1921	6.2	6.4	3.7	1.1	- 0.3	- 1.1	- 2.2	- 2.3	- 1.9	- 0.9	- 0.4	- 0.3	- 0.4
1922	6.2	5.2	2.0	1.2	1.3	1.5	1.1	0.4	- 0.1	0.1	0.6	0.8	0.6
1923	9.2	8.5	5.5	3.6	1.7	- 0.5	- 2.4	- 2.8	- 1.9	- 0.6	0.3	0.6	0.5
1924	5.2	3.8	- 0.8	- 2.2	- 2.6	- 2.8	- 2.6	- 1.5	- 0.2	0.6	0.9	0.6	0.2
1925	4.2	0.6	1.2	0.9	0.4	0.3	0.0	0.1	0.4	0.7	0.6	0.1	0.0
1926	- 1.8	- 0.7	- 0.2	- 0.5	- 1.0	- 2.0	- 2.4	- 1.8	- 1.4	- 0.4	0.3	0.6	0.4
1927	3.2	- 1.1	1.5	1.0	- 0.3	- 1.6	- 2.9	- 3.1	- 2.5	- 1.7	- 1.0	- 0.7	- 1.0
1928	0.4	1.6	0.9	- 0.1	- 0.9	- 0.9	- 0.9	- 1.5	- 1.3	- 0.5	- 0.1	0.1	0.0
1929	3.2	1.8	- 0.5	- 1.0	- 1.4	- 1.0	- 0.3	0.5	1.1	1.4	0.9	0.2	- 0.1
1930	- 5.8	- 4.2	- 3.3	- 2.5	- 1.9	- 1.1	- 0.5	0.0	0.2	0.4	0.3	0.2	0.0
1931	1.2	2.3	0.9	- 0.1	- 0.5	- 0.3	- 0.3	- 0.7	- 0.7	- 0.6	- 0.1	- 0.1	0.1
1932	- 4.8	- 3.8	- 2.8	- 2.2	- 0.6	0.3	0.3	0.0	0.4	1.1	1.0	0.6	0.0
1933	- 2.8	- 1.5	- 0.4	- 0.9	- 1.4	- 1.4	- 1.1	- 0.5	0.0	0.2	0.1	- 0.4	- 0.4
1934	0.2	- 0.6	1.4	3.0	4.0	3.6	1.7	0.1	- 0.5	- 0.6	- 0.3	- 0.2	- 0.3
1935	1.2	- 0.3	- 2.7	- 2.7	- 1.4	- 0.1	0.8	1.2	1.4	1.3	0.9	0.5	0.3
1936	1.2	0.2	- 0.8	- 0.8	0.1	1.5	1.6	0.8	0.3	- 0.1	- 0.2	- 0.1	- 0.4
1937	1.2	1.5	- 0.8	- 1.1	- 0.9	- 0.7	- 0.9	- 1.2	- 0.9	- 0.2	0.2	0.4	0.4
1938	- 4.8	- 2.1	- 0.6	0.0	- 0.2	- 0.6	- 0.9	- 1.1	- 1.2	- 0.8	- 0.3	0.1	0.2
1939	1.2	- 0.7	- 2.9	- 4.4	- 4.2	- 3.7	- 2.8	- 2.0	- 1.5	- 0.7	- 0.4	- 0.1	0.1
1940	- 6.6	- 3.9	0.9	2.0	1.8	1.4	0.8	- 0.2	- 1.3	- 1.7	- 1.5	- 1.2	- 0.2
1941	4.3	2.5	0.9	- 0.1	- 1.1	- 1.9	- 2.1	- 2.7	- 2.5	- 1.9	- 0.5	0.2	1.2
1942	- 4.0	- 3.7	- 1.7	- 0.9	- 0.7	- 0.1	- 0.1	- 0.1	- 0.1	- 0.1	- 0.1	- 0.1	- 0.1
1943	- 3.6	- 0.1	1.4	- 0.3	- 0.6	0.3	1.3	1.2	- 0.1	- 1.3	- 1.6	- 0.7	0.9
1944	0.4	- 1.0	- 1.1	- 0.9	- 0.3	0.2	0.8	0.6	- 0.7	- 1.6	- 1.7	- 1.3	0.4
1945	- 8.3	- 6.9	- 2.3	- 0.3	0.9	1.5	1.5	0.7	0.1	- 0.8	- 0.8	- 1.0	0.6
1946	- 2.7	- 4.4	- 2.6	- 1.3	- 0.9	- 0.8	0.0	0.1	0.5	0.4	0.4	0.3	1.6
1947	- 0.9	- 3.2	- 2.7	- 1.4	- 0.7	- 0.2	0.3	0.0	- 0.4	- 0.9	- 0.5	- 0.8	0.4
1948	- 11.3	- 8.4	- 2.8	- 1.1	- 0.9	- 0.5	- 0.2	- 0.2	- 0.1	- 0.3	- 0.1	- 0.7	0.4
1949	- 2.9	- 4.8	- 5.5	- 4.3	- 2.8	- 0.8	0.3	0.8	0.5	0.2	- 1.2	- 0.4	0.4
1950	- 4.1	- 4.3	- 3.0	- 2.2	- 1.8	- 0.5	0.3	0.9	1.5	1.1	0.6	0.0	1.4
1951	- 0.2	- 1.6	- 0.5	- 0.1	- 0.3	- 0.4	- 0.3	- 0.5	- 0.2	- 0.3	- 0.9	- 1.0	- 0.9
1952	- 3.5	- 3.9	0.2	2.0	2.6	2.0	1.0	1.0	- 0.7	- 1.5	- 1.5	- 1.3	- 1.3
1953	- 0.9	0.4	1.1	0.5	- 1.3	- 1.8	- 0.9	- 0.4	- 0.2	- 0.1	0.1	0.1	- 0.5
1954	- 1.7	- 0.2	- 0.8	- 1.0	- 1.1	- 0.3	0.1	1.7	0.5	- 0.3	- 0.5	- 0.5	- 0.2
1955	- 6.5	- 4.2	- 1.7	- 1.5	- 1.5	- 1.0	- 0.6	0.4	- 0.5	- 0.8	- 0.5	- 0.5	- 0.2
1956	- 4.6	- 4.4	- 3.1	- 1.5	- 0.3	0.8	1.0	- 0.3	- 0.3	- 0.9	- 0.8	- 1.4	- 0.9
1957	- 5.8	- 3.2	- 2.4	- 1.9	- 1.3	0.6	2.0	2.4	2.1	0.7	- 0.1	- 0.5	- 0.4
1958	- 4.0	- 3.7	- 3.5	- 3.0	- 1.9	0.0	0.5	0.3	- 0.3	- 0.5	- 0.8	- 0.3	- 0.3
1959	- 7.7	- 3.1	- 0.5	- 0.4	- 0.7	0.5	1.4	1.8	1.5	0.5	- 0.3	- 0.6	- 0.6
1960	- 2.0	0.2	2.2	1.7	0.3	- 0.8	- 1.3	- 1.2	- 1.4	- 1.4	- 1.6	- 1.1	- 0.7
1961	1.5	1.0	0.5	0.7	- 0.5	- 1.5	- 1.7	- 1.3	- 0.6	- 0.6	- 0.8	- 0.9	- 0.5
1962	- 1.4	- 0.6	1.2	1.0	0.8	1.3	2.1	2.2	1.9	0.8	- 0.7	- 1.3	- 1.1
1963	3.1	0.0	- 1.6	- 0.7	- 0.2	0.3	0.4	0.1	- 0.1	- 0.6	0.1	- 0.2	- 0.5
1964	- 4.3	- 5.2	- 4.0	- 3.9	- 3.6	- 1.9	- 0.2	0.7	0.6	0.3	- 0.5	- 0.5	- 0.7
1965	- 6.7	- 2.6	- 0.2	0.3	0.7	1.4	1.6	1.6	1.5	0.9	0.0	- 0.3	0.0
1966	- 3.8	- 4.2	- 3.3	- 2.5	- 2.3	- 1.4	- 0.8	- 0.5	- 0.4	- 0.5	- 0.7	- 0.4	- 0.6
1967	3.9	3.7	2.5	2.2	1.6	1.0	0.4	- 0.7	- 0.6	- 0.6	- 0.6	- 0.7	- 0.4
1968	- 14.6	- 8.6	- 3.3	- 2.9	- 2.5	- 1.7	- 0.9	- 0.2	0.6	0.6	0.5	0.1	- 0.3

Tab.1 (Fortsetzung)

NOVEMBER	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	19.1	16.2	13.0	12.4	12.2	13.4	15.9	18.3	19.3	19.5	18.8	17.0	15.0
1899	- 3.1	- 3.7	- 5.3	- 4.9	- 4.0	- 3.1	- 2.6	- 2.3	- 1.6	- 1.2	- 0.7	0.2	0.1
1900	0.9	0.6	- 0.5	- 0.5	0.3	1.1	0.7	- 0.1	0.0	0.0	- 0.2	- 0.1	- 0.2
1901	- 0.1	- 0.6	- 1.9	- 2.3	- 2.0	- 1.5	- 1.0	- 1.2	- 1.0	- 0.6	- 0.1	0.1	- 0.2
1902	5.9	4.1	1.0	- 0.3	- 0.8	- 1.1	- 1.1	- 1.0	- 0.6	- 0.2	0.3	0.8	0.4
1903	- 8.1	- 5.6	- 1.4	0.4	1.5	1.5	0.9	0.4	0.4	0.4	0.4	0.7	0.6
1904	- 2.1	- 1.3	- 2.2	- 2.6	- 1.8	- 1.1	- 0.9	- 1.4	- 1.4	- 0.9	0.2	1.2	1.3
1905	4.9	2.8	- 2.5	- 3.1	- 2.3	- 1.7	- 1.6	- 1.2	- 0.1	0.6	1.2	1.9	1.8
1906	11.9	12.2	9.3	7.6	6.2	3.7	1.3	0.4	0.6	0.7	0.5	0.6	0.2
1907	- 2.1	- 0.4	1.6	2.2	3.3	3.1	2.7	2.0	1.2	0.6	0.4	0.5	0.3
1908	3.9	3.1	0.6	- 0.6	- 1.1	- 1.9	- 2.6	- 3.0	- 2.5	- 1.5	- 0.6	0.3	0.6
1909	3.9	3.2	0.7	0.6	1.5	1.7	0.5	- 0.9	- 1.1	- 0.5	0.0	0.2	- 0.2
1910	14.9	13.2	7.8	5.8	4.0	1.3	- 0.9	- 2.0	- 1.7	- 0.9	- 0.4	0.4	0.4
1911	1.9	1.2	- 2.0	- 2.8	- 2.1	- 2.1	- 1.8	- 0.8	0.5	1.2	1.5	1.6	0.9
1912	- 1.1	- 0.9	- 1.4	- 1.4	- 0.8	- 0.6	- 0.4	0.0	0.9	1.6	1.6	1.3	0.5
1913	- 0.1	- 0.3	- 2.4	- 3.8	- 3.5	- 2.5	- 0.9	0.7	1.8	2.2	1.8	1.5	0.8
1914	- 3.1	- 2.6	- 2.0	- 1.9	- 1.7	- 1.7	- 1.2	- 0.7	- 0.4	- 0.1	0.0	0.2	0.0
1915	13.9	10.6	3.8	1.2	- 0.1	- 0.9	- 1.2	- 0.8	0.3	1.2	1.3	0.9	0.3
1916	4.9	0.5	0.4	- 1.0	- 1.5	- 1.3	- 1.2	- 0.1	1.6	1.6	1.5	1.2	0.3
1917	- 2.1	0.7	- 1.1	- 1.6	- 1.4	- 1.0	- 0.3	- 0.6	- 0.1	0.5	0.9	1.0	0.9
1918	- 3.1	- 1.4	- 0.2	- 0.9	- 0.6	- 1.8	- 2.5	- 3.4	- 1.1	0.2	0.7	1.3	1.3
1919	8.9	7.0	4.4	3.5	1.4	0.9	- 0.7	- 1.4	- 0.7	- 0.4	- 0.2	0.3	- 0.1
1920	- 7.1	- 3.9	- 3.1	- 3.2	- 1.6	- 0.8	- 0.2	- 0.3	0.3	0.3	0.4	0.5	- 0.1
1921	9.9	9.8	7.0	4.6	2.9	1.4	- 0.1	- 1.2	- 1.0	0.1	0.9	1.4	0.9
1922	0.9	1.4	0.1	0.0	0.5	0.7	0.1	- 0.5	- 0.5	- 0.1	0.0	0.0	- 0.5
1923	7.9	6.6	1.4	- 0.7	- 1.2	- 1.3	- 1.1	- 1.0	- 0.4	- 0.2	- 0.1	0.0	- 0.2
1924		- 4.9	- 2.8	- 1.9	- 1.2	- 0.9	- 1.1	- 1.2	- 0.7	0.1	0.8	1.3	1.1
1925	0.9	1.0	- 0.8	- 1.8	- 2.4	- 2.3	- 1.8	- 1.4	- 0.6	0.1	0.3	0.8	0.7
1926		- 0.3	- 0.6	- 1.1	- 0.9	- 0.9	- 1.6	- 1.5	- 0.7	0.0	0.5	0.6	0.4
1927		- 4.6	- 1.7	- 0.3	0.3	0.8	0.8	- 0.1	- 0.2	0.1	0.0	0.0	- 0.2
1928	0.9	- 1.0	- 2.7	- 2.7	- 3.1	- 3.5	- 2.9	- 2.2	- 1.0	0.5	1.3	1.2	0.6
1929	1.9	1.4	- 0.7	- 1.7	- 2.0	- 1.4	0.0	1.1	1.4	0.8	0.3	0.2	- 0.1
1930	- 3.1	- 2.4	- 1.2	- 1.1	- 1.1	- 0.8	- 0.1	0.5	1.1	1.3	1.1	0.8	0.2
1931	- 4.1	- 3.7	- 2.6	- 2.2	- 0.8	0.2	0.6	1.0	1.7	1.4	0.7	0.0	- 0.4
1932	- 5.1	- 3.7	- 0.8	- 0.3	- 0.2	0.7	1.5	1.4	0.9	0.2	- 0.5	- 0.7	- 1.4
1933	- 0.1	0.3	- 1.1	- 1.1	- 0.7	- 0.4	- 0.4	- 0.6	- 0.3	0.0	0.0	0.2	0.1
1934	- 0.1	- 1.5	- 2.2	- 0.9	0.5	0.7	0.5	- 0.1	- 0.2	- 0.2	- 0.2	- 0.1	- 0.4
1935	- 0.1	0.3	1.7	2.4	3.4	4.2	4.0	2.5	1.1	0.4	0.1	0.3	0.2
1936	- 7.1	- 5.1	- 1.2	- 0.6	- 0.3	0.3	0.9	0.6	0.9	1.0	0.8	0.4	- 0.3
1937	- 2.1	- 2.7	0.7	2.4	2.6	1.9	0.5	- 0.9	- 1.3	- 1.2	- 0.8	- 0.1	0.2
1938	3.9	1.6	- 2.8	- 3.2	- 2.6	- 1.0	- 0.1	0.0	0.5	0.8	1.0	0.8	0.0
1939	- 4.7	- 4.3	- 1.5	- 1.4	- 2.1	- 1.8	0.0	1.7	- 0.2	- 0.5	- 0.6	- 0.3	0.6
1940	- 3.4	- 4.6	- 3.9	- 3.3	- 2.6	- 1.3	0.2	0.3	0.4	0.0	- 0.2	0.2	0.2
1941							1.0	0.8	0.1	- 1.0	- 1.5	- 0.9	- 0.2
1942	- 7.5	- 5.7	0.4	1.8	2.5	2.5	1.6	0.2	- 1.1	- 2.2	- 3.2	- 2.3	- 1.4
1943	- 6.0	- 3.6	- 1.7	- 0.8	0.2	0.9	2.6	3.3	1.6	0.2	- 0.5	- 0.4	0.4
1944	- 7.4	- 2.1	4.3	5.1	3.9	1.8	- 0.7	- 2.1	- 2.8	- 3.0	- 2.3	- 1.7	- 0.4
1945	8.2	2.7	0.8	1.3	1.0	0.6	0.9	0.5	- 0.3	- 1.1	- 1.1	- 1.0	- 0.1
1946	- 0.3	- 2.5	- 1.3	0.0	0.0	0.4	1.3	0.6	- 0.1	- 0.9	- 1.4	- 1.5	- 0.7
1947	11.0	10.7	8.2	5.1	2.5	0.1	- 1.7	- 2.8	- 2.8	- 2.3	- 1.6	- 2.2	- 0.4
1948	- 5.7	- 6.9	- 3.4	- 1.3	- 0.5	- 0.3	0.1	0.9	1.5	1.0	1.2	- 0.1	- 0.4
1949	3.7	4.0	1.9	0.5	- 1.2	- 1.7	- 1.1	- 0.5	0.5	0.4	0.2	0.2	0.2
1950	1.6	- 1.3	1.5	4.2	4.9	4.5	3.1	1.0	0.1	- 1.1	- 1.9	- 1.8	- 0.8
1951	- 3.0	- 4.1	- 4.1	- 3.5	- 3.1	- 1.7	- 1.0	0.5	- 0.6	- 0.5	- 0.3	- 0.2	0.2
1952	1.2	2.2	3.6	3.4	3.1	2.5	1.7	2.7	0.3	- 0.5	- 0.5	- 1.1	- 0.7
1953	-10.3	- 6.2	- 1.5	- 1.9	- 1.7	- 0.6	- 0.1	3.7	1.1	0.7	0.2	0.2	0.4
1954	- 8.4	- 5.2	- 1.5	- 1.4	- 1.4	- 0.4	- 0.2	2.3	- 0.9	- 1.4	- 1.0	- 0.7	- 0.2
1955	3.4	4.0	3.1	2.9	1.7	0.9	- 0.3	- 0.7	- 2.0	- 2.3	- 1.6	- 1.5	- 1.3
1956	- 6.3	- 1.6	2.3	3.0	2.8	2.6	2.6	1.9	2.2	1.0	- 0.2	- 0.6	- 1.0
1957	7.5	4.5	1.2	0.2	- 0.8	- 0.7	- 0.3	- 0.4	0.2	- 0.3	- 0.7	- 0.3	- 0.2
1958	- 2.6	- 2.0	- 1.6	- 1.4	- 1.8	- 0.2	1.5	2.3	2.6	1.5	0.0	- 0.6	- 0.7
1959	- 2.8	1.8	3.9	3.4	2.2	1.9	2.1	1.6	1.3	1.0	- 0.6	- 0.8	- 0.7
1960	- 0.6	- 0.2	0.9	0.3	- 2.1	- 1.9	- 0.6	- 0.2	1.0	0.9	0.2	- 0.1	- 0.2
1961	- 7.0	- 5.6	- 2.1	- 0.8	- 0.9	0.0	0.5	0.1	0.2	- 0.3	- 0.4	- 0.6	- 0.2
1962	- 4.6	- 2.5	1.1	2.0	1.4	1.1	1.8	2.3	1.8	0.9	0.0	- 0.6	- 0.4
1963	- 3.4	- 1.6	- 0.1	- 0.2	- 2.1	- 3.5	- 3.4	- 2.4	- 1.3	- 0.8	- 0.8	- 0.2	0.1
1964	5.9	3.7	- 0.1	- 0.1	- 1.0	- 0.6	- 0.2	- 0.5	- 0.4	- 0.5	- 0.5	- 0.5	- 0.8
1965	5.2	3.7	2.6	2.7	0.6	- 0.7	- 1.5	- 1.1	0.0	0.3	0.0	0.2	- 0.1
1966	- 2.8	- 3.5	- 2.5	0.6	2.9	4.8	4.9	3.1	1.8	0.6	- 0.7	- 1.1	- 1.5
1967	- 8.2	- 6.2	- 1.5	0.8	1.8	2.5	2.5	1.7	1.3	0.5	- 0.2	- 0.4	- 0.9

Tab.1 (Fortsetzung)

DEZEMBER	90	80	70	65	60	55	50	45	40	35	30	25	20
	19.0	16.3	13.5	13.0	12.3	13.1	15.4	17.6	19.1	19.8	19.6	18.5	16.3
1899	1.0	2.5	4.0	3.4	3.5	2.5	1.0	- 0.1	- 0.4	- 0.9	- 1.3	- 1.3	- 1.0
1900	- 2.0	- 1.9	- 4.4	- 5.5	- 4.3	- 3.1	- 2.1	- 1.2	- 0.1	0.4	0.7	0.9	1.3
1901	4.0	4.8	3.2	1.7	1.0	0.4	0.3	0.2	0.1	0.0	- 0.2	- 0.7	- 0.9
1902	4.0	2.4	0.4	1.1	2.0	2.3	2.1	1.5	0.7	0.4	0.3	0.2	0.2
1903	3.0	2.4	1.9	1.5	1.7	1.0	- 0.3	- 0.5	0.1	0.6	0.9	0.9	0.8
1904	2.0	1.3	- 1.2	- 2.0	- 1.3	- 1.2	- 1.4	- 1.3	- 0.8	0.1	1.1	1.4	1.5
1905	- 1.0	- 1.2	- 3.1	- 2.7	- 1.2	- 1.0	- 0.5	0.1	0.4	0.5	1.2	1.4	1.0
1906	4.0	4.5	3.3	3.7	4.3	4.0	2.8	- 1.3	0.9	0.8	0.9	0.9	0.8
1907	6.0	6.6	3.8	1.4	0.1	- 1.7	- 2.6	- 2.3	- 1.1	0.3	1.1	0.9	0.5
1908	5.0	3.6	0.5	- 1.0	- 1.4	- 1.8	- 1.3	- 0.6	0.1	0.9	1.5	1.4	1.3
1909	5.0	3.4	- 0.1	0.3	2.0	2.3	0.7	- 1.2	- 1.9	- 1.5	- 1.0	- 0.9	- 0.7
1910	4.0	4.1	1.9	0.5	0.6	0.0	- 0.2	0.4	0.6	0.7	0.5	0.1	- 0.1
1911	1.0	0.8	- 1.2	- 1.0	0.0	0.4	0.4	0.8	1.3	1.9	1.7	1.1	0.6
1912	- 1.0	- 1.5	- 2.1	- 2.9	- 2.4	- 1.8	- 0.6	1.3	2.8	3.6	3.1	1.9	1.0
1913	- 1.0	- 0.6	- 2.6	- 4.0	- 3.0	- 1.8	- 0.9	- 0.7	- 0.7	- 0.3	0.3	0.6	0.8
1914	- 4.0	- 3.8	- 4.9	- 4.1	- 1.8	0.1	3.3	1.8	1.7	1.6	1.3	0.8	0.6
1915	12.0	9.6	2.9	- 0.3	- 2.2	- 3.6	- 2.8	- 1.5	- 0.1	0.9	1.1	0.8	0.8
1916	13.0	11.0	5.4	1.3	- 1.3	- 3.6	- 5.5	- 5.5	- 2.3	- 1.7	- 1.3	- 1.0	- 0.6
1917	2.0	1.5	4.7	5.2	5.0	3.5	0.9	- 0.6	- 1.6	- 1.9	- 1.6	- 1.1	- 0.6
1918	3.0	2.9	1.0	- 0.4	- 1.1	- 2.8	- 2.4	- 1.5	- 0.3	0.8	1.3	1.4	1.4
1919	5.0	3.1	- 0.2	- 2.6	- 3.6	- 2.6	- 2.0	- 2.0	- 1.3	0.3	1.0	1.0	0.5
1920	2.0	1.0	- 0.8	- 1.1	- 1.5	- 3.7	- 5.0	- 4.5	- 2.8	- 1.1	0.0	0.3	0.1
1921	0.0	- 0.5	- 3.3	- 4.1	- 1.8	0.6	1.3	1.0	0.5	0.5	0.7	0.2	0.1
1922	- 1.0	0.1	- 1.1	- 2.0	- 2.2	- 2.8	- 3.7	- 3.3	- 2.2	- 0.7	0.7	0.9	0.8
1923	2.0	1.1	- 1.6	- 2.1	- 1.3	- 0.6	0.1	1.1	1.8	2.0	1.7	1.0	0.5
1924	- 7.0	- 5.1	- 3.8	- 2.7	- 1.0	0.4	0.7	0.7	0.7	0.6	0.9	0.7	0.7
1925	5.0	3.5	0.6	- 0.2	- 0.7	- 1.8	- 2.9	- 3.4	- 3.4	- 2.4	- 0.9	0.1	0.8
1926		- 4.3	2.0	1.9	2.1	2.1	1.4	0.8	0.2	0.1	0.3	0.2	- 0.1
1927	- 5.0	2.3	3.9	3.2	2.3	0.5	- 0.9	- 1.3	- 1.6	- 1.0	- 0.4	- 0.3	- 0.2
1928	3.0	0.5	- 2.8	- 2.7	- 1.2	0.0	0.6	0.5	0.5	0.6	1.1	0.8	0.4
1929	- 5.0	- 3.2	- 1.4	- 0.8	0.5	1.7	2.1	1.9	1.3	0.8	0.6	- 0.1	- 0.2
1930	2.0	1.5	- 1.6	- 2.9	- 2.4	- 1.5	- 0.5	0.2	0.3	0.7	0.8	0.5	0.1
1931	- 8.0	- 6.9	- 4.7	- 3.8	- 1.6	- 0.1	1.1	1.7	1.6	1.3	1.0	0.3	- 0.1
1932	- 5.0	- 6.2	- 5.4	- 4.5	- 2.9	- 1.1	0.5	1.7	2.4	1.8	0.9	- 0.3	- 0.9
1933	- 5.0	- 2.8	0.9	3.6	4.6	3.5	0.6	- 2.9	- 3.1	- 2.7	- 1.6	- 0.7	- 0.5
1934	3.0	0.6	- 1.6	- 1.4	- 1.8	- 2.1	- 2.3	- 1.9	- 0.8	0.0	0.5	0.3	- 0.1
1935	2.0	3.5	4.4	4.0	2.5	0.5	- 1.5	- 2.6	- 2.5	- 1.5	- 0.5	- 0.1	- 0.1
1936	-11.0	-10.0	- 6.5	- 4.1	- 2.3	0.2	2.4	3.6	3.5	2.8	1.4	0.0	- 0.4
1937	5.0	4.0	6.7	7.0	4.9	2.4	0.4	- 1.0	- 1.6	- 1.6	- 1.2	- 1.0	- 0.7
1938	5.0	4.0	3.9	1.6	0.3	- 0.7	- 1.4	- 2.0	- 1.4	- 0.8	0.3	0.1	- 0.1
1939	- 7.2	- 5.4	- 4.0	- 3.6	- 2.8	- 2.9	- 1.6	0.3	- 0.4	- 0.7	- 1.4	- 0.6	0.6
1940	- 2.6	- 2.7	- 1.1	- 1.0	- 1.0	- 0.9	- 1.6	- 2.5	- 2.9	- 2.7	- 2.3	- 1.8	- 0.1
1941	- 4.2	- 5.2	- 4.3	- 2.8	- 2.1	- 1.2	0.9	2.0	1.0	- 0.1	- 1.7	- 0.6	- 0.1
1942	- 5.3	- 5.5	0.5	1.7	1.3	0.9	1.2	2.1	1.1	0.2	- 1.0	- 0.8	0.5
1943	- 3.0	- 3.1	- 3.4	- 2.7	- 1.3	0.0	2.4	3.8	2.0	0.9	0.1	- 0.3	0.4
1944	1.4	- 1.5	0.6	6.9	2.6	3.3	3.8	3.2	2.0	0.1	0.1	- 0.8	0.3
1945	15.2	10.8	6.2	4.9	1.7	- 1.6	- 3.2	- 3.3	- 3.2	- 2.1	- 0.9	- 0.5	0.7
1946	3.5	3.1	5.1	5.2	4.1	3.9	3.2	1.7	0.3	- 0.4	- 1.1	- 0.8	- 0.3
1947	7.9	5.5	3.9	3.2	2.3	0.7	0.3	0.0	- 0.3	- 0.5	- 0.3	- 1.5	- 1.1
1948	- 1.8	- 2.8	- 2.7	- 1.5	- 1.4	- 1.0	0.6	2.0	2.4	1.4	0.7	1.3	
1949	2.6	3.0	1.8	1.5	1.3	1.7	2.1	1.7	0.6	0.2	- 0.8	- 1.6	- 0.7
1950	10.0	6.0	3.0	1.7	1.5	1.8	1.9	0.8	0.0	- 0.8	- 0.9	- 1.4	- 0.5
1951	- 4.8	- 7.0	- 7.9	- 6.9	- 3.4	- 0.9	1.1	2.2	1.0	0.3	0.8	0.9	- 0.1
1952	3.2	3.3	1.1	- 0.1	- 0.9	- 0.5	0.8	3.0	- 0.1	- 0.3	0.1	- 0.6	0.0
1953	-12.1	-10.3	- 5.2	- 3.0	- 1.3	0.5	0.9	4.5	1.9	0.9	0.6	1.3	- 0.3
1954	-11.0	- 6.9	0.3	1.9	2.9	3.7	3.5	4.7	1.7	- 0.1	- 0.4	- 0.7	- 0.9
1955	- 0.3	0.0	0.3	1.2	- 0.5	- 1.4	- 1.8	- 1.0	- 1.9	- 2.4	- 2.0	- 0.5	- 1.3
1956	- 8.0	- 2.5	3.0	3.8	3.0	2.6	2.5	2.0	1.3	0.5	0.1	- 0.3	- 0.8
1957	1.2	- 1.7	- 4.7	- 5.0	- 4.7	- 2.5	- 0.5	0.7	1.4	1.4	0.7	0.1	0.1
1958	5.2	4.9	3.7	1.8	- 1.0	- 1.9	- 1.7	- 1.0	0.0	0.2	- 0.3	- 0.5	0.0
1959	-10.0	- 6.1	0.0	0.3	- 0.9	- 0.5	0.9	1.7	2.1	2.0	1.0	0.0	- 0.7
1960	- 4.8	- 3.0	- 0.6	- 0.6	- 1.1	- 0.5	0.6	1.0	1.5	0.5	0.1	- 0.4	- 0.3
1961	- 1.0	1.1	4.9	5.4	3.1	1.4	- 0.8	- 2.5	- 2.5	- 2.2	- 1.6	- 1.1	- 0.7
1962	0.2	- 0.8	- 1.7	- 0.8	- 0.5	0.2	0.1	- 0.5	- 1.0	- 1.6	- 1.5	- 1.0	- 0.7
1963	- 5.1	- 3.3	- 2.4	- 1.5	- 1.5	- 0.9	- 1.1	- 1.9	- 2.8	- 1.4	- 1.1	- 0.6	- 0.2
1964	- 0.8	- 1.9	- 0.8	1.4	2.2	3.5	3.8	2.1	0.7	- 0.4	- 2.2	- 1.6	- 1.6
1965	- 4.2	- 3.1	- 0.5	- 0.4	- 1.6	- 1.3	- 0.6	- 0.4	0.4	0.6	0.2	- 0.2	- 0.6
1966	- 6.0	- 0.6	5.4	5.9	5.1	3.4	1.5	- 0.2	- 0.5	- 0.7	- 0.8	- 1.1	- 1.5
1967	- 4.7	- 1.9	- 0.4	0.6	1.5	2.0	1.9	0.9	0.0	- 0.6	- 0.6	- 0.8	- 0.8

Tab. 2

Abweichungen der Breitenkreismittel des Luftdrucks vom Normalwert für die Jahre 1899-1967

	90	80	70	65	60	55	50	45	40	35	30	25	20
1899	18.4	16.2	13.4	12.5	12.2	13.0	14.6	16.0	16.7	16.8	16.4	15.3	14.0
1899	- 0.4	0.2	0.3	0.0	0.1	0.1	0.1	0.0	0.2	0.3	0.2	0.3	0.0
1900	1.2	0.4	- 1.5	- 1.6	- 0.8	- 0.2	0.0	- 0.3	- 0.1	0.1	0.1	0.2	0.0
1901	- 1.0	- 0.8	- 0.8	- 0.3	0.3	0.7	0.8	0.4	0.1	0.0	- 0.2	- 0.2	- 0.4
1902	5.7	4.4	1.4	0.7	0.2	- 0.1	- 0.1	- 0.1	0.1	0.3	0.2	0.3	0.0
1903	2.7	1.7	- 0.3	- 0.5	- 0.3	- 0.1	0.1	0.6	0.9	1.1	0.9	0.8	0.5
1904	1.9	1.6	0.7	0.4	0.5	0.8	1.0	1.1	1.1	1.1	0.9	0.9	0.6
1905	- 0.4	- 0.2	- 0.7	- 0.4	0.1	0.2	0.2	0.3	0.4	0.5	0.4	0.6	0.3
1906	5.2	4.4	2.3	2.1	2.1	1.5	0.8	0.2	0.4	0.4	0.2	0.3	- 0.1
1907	4.1	3.8	2.5	2.4	2.4	1.8	1.2	0.9	0.7	0.7	0.5	0.4	0.2
1908	3.1	2.6	0.9	0.7	0.6	0.4	0.4	0.7	0.9	1.1	1.0	0.8	0.4
1909	7.1	5.4	1.6	1.1	1.4	1.3	0.7	0.2	0.2	0.6	0.7	0.6	0.3
1910	4.2	2.9	0.3	0.1	0.4	0.3	0.2	0.3	0.5	0.8	0.7	0.7	0.3
1911	2.4	1.2	- 1.1	- 0.8	0.3	0.8	0.9	1.1	1.4	1.4	1.0	0.7	0.1
1912	3.6	2.5	0.5	- 0.3	- 0.5	- 0.7	- 0.8	- 0.3	0.4	1.0	1.0	0.9	0.4
1913	- 0.6	- 0.6	- 0.5	- 0.8	- 0.5	- 0.4	- 0.1	0.5	0.9	1.1	0.9	0.7	0.2
1914	- 0.3	- 0.6	- 1.6	- 1.6	- 1.2	- 0.9	- 0.2	0.1	0.5	0.9	0.8	0.8	0.4
1915	8.9	6.8	2.9	1.7	1.0	0.1	- 0.5	- 0.6	- 0.2	0.3	0.3	0.3	0.0
1916	4.4	2.5	1.6	0.5	- 0.1	- 0.5	- 0.8	- 0.2	0.5	0.7	0.5	0.4	0.0
1917	2.8	2.7	2.0	1.8	1.6	1.3	0.7	0.4	0.2	0.5	0.6	0.6	0.2
1918	1.7	1.4	0.9	0.0	- 0.5	- 0.8	- 0.9	- 0.7	- 0.3	0.4	0.7	0.6	0.2
1919	4.4	3.8	2.1	1.2	0.3	- 0.3	- 0.8	- 0.9	- 0.6	0.0	0.5	0.6	0.1
1920	1.3	1.5	0.4	- 0.3	- 0.4	0.0	0.2	0.1	0.1	0.3	0.3	0.1	- 0.3
1921	3.0	2.7	0.8	0.2	0.5	0.8	0.6	0.4	0.5	0.6	0.6	0.5	0.1
1922	3.9	3.8	1.8	1.0	0.5	0.0	- 0.3	- 0.2	0.2	0.7	0.8	0.7	0.1
1923	3.8	2.7	0.4	- 0.2	- 0.4	- 0.7	- 0.6	- 0.1	0.4	0.8	0.7	0.5	0.0
1924	- 0.8	- 1.1	- 0.4	- 0.3	- 0.4	- 0.4	- 0.5	- 0.5	- 0.3	0.1	0.3	0.3	0.2
1925	1.4	0.8	- 0.7	- 1.0	- 0.9	- 0.7	- 0.5	- 0.2	0.1	0.4	0.3	0.2	- 0.1
1926	- 2.2	- 2.5	- 0.6	- 0.7	- 0.9	- 1.4	- 1.8	- 1.5	- 1.0	- 0.2	0.3	0.5	0.3
1927	- 4.6	- 1.6	0.3	0.1	- 0.2	- 0.4	- 0.4	- 0.3	- 0.1	0.3	0.4	0.3	- 0.1
1928	0.9	0.1	- 1.6	- 1.8	- 1.6	- 1.3	- 0.7	- 0.2	0.3	0.6	0.6	0.3	- 0.1
1929	1.4	1.4	0.1	- 0.1	- 0.2	- 0.1	0.0	0.2	0.3	0.3	0.2	0.1	- 0.2
1930	- 0.1	0.1	- 0.7	- 0.8	- 0.8	- 0.6	- 0.4	0.0	0.1	0.2	0.2	0.1	- 0.2
1931	- 0.5	- 0.3	- 0.4	- 0.5	- 0.2	- 0.3	- 0.4	- 0.4	- 0.3	- 0.1	- 0.1	- 0.1	- 0.4
1932	- 1.1	- 1.0	- 1.1	- 0.9	- 0.4	- 0.1	0.0	0.1	0.2	0.1	0.0	- 0.1	- 0.3
1933	- 0.5	- 0.1	0.4	0.8	0.9	0.5	0.0	- 0.4	- 0.3	- 0.2	- 0.2	- 0.4	- 0.6
1934	- 1.6	- 1.6	- 1.6	- 1.2	- 0.5	- 0.1	0.1	0.0	0.1	0.3	0.3	0.3	- 0.1
1935	0.4	0.1	- 0.5	- 0.2	0.1	0.3	0.2	- 0.1	- 0.3	- 0.2	- 0.2	- 0.1	- 0.3
1936	- 0.8	- 0.3	0.1	0.6	0.5	0.1	- 0.3	- 0.6	- 0.5	- 0.3	- 0.2	- 0.3	- 0.5
1937	- 3.9	- 2.5	- 0.4	0.3	0.3	0.1	- 0.1	- 0.4	- 0.4	- 0.1	- 0.1	- 0.2	- 0.3
1938	- 3.1	- 2.6	- 2.1	- 1.8	- 1.1	- 0.5	- 0.2	- 0.3	- 0.3	0.0	0.2	0.2	- 0.2
1939	- 2.1	- 2.7	- 1.3	- 0.7	- 0.6	- 0.8	- 0.5	- 0.4	- 1.1	- 1.1	- 0.5	0.0	0.5
1940	- 0.7	- 0.3	0.1	0.1	- 0.1	- 0.4	- 0.3	- 0.8	- 2.0	- 2.1	- 1.1	0.0	1.3
1941	- 1.9	- 1.3	- 0.4	- 0.1	- 0.4	- 1.0	- 0.9	- 1.0	- 1.8	- 2.2	- 1.3	- 0.1	1.4
1942	- 3.7	- 2.7	- 0.1	0.2	0.1	0.0	0.4	0.2	- 1.0	- 1.7	- 1.4	- 0.6	1.1
1943	- 3.8	- 3.4	- 1.9	- 1.1	- 0.4	0.2	1.3	1.5	0.2	- 0.5	- 0.2	0.2	1.7
1944	- 5.2	- 4.0	- 1.3	0.4	0.4	0.5	0.6	0.3	- 0.8	- 1.6	- 1.0	- 0.5	1.2
1945	- 2.7	- 1.8	0.1	0.4	0.0	- 0.2	- 0.3	- 0.3	- 0.5	- 0.6	- 0.3	- 0.3	0.9
1946	3.8	0.8	- 0.8	- 0.7	- 0.8	- 0.6	0.0	0.4	0.5	0.2	0.2	0.2	1.6
1947	0.4	0.3	1.2	1.3	0.7	- 0.1	- 0.7	- 0.8	- 0.8	- 0.8	- 0.3	- 0.3	1.1
1948	- 3.7	- 4.2	- 2.4	- 1.2	- 0.7	- 0.2	0.2	0.5	0.4	0.1	0.0	0.0	0.5
1949	- 2.1	- 2.2	- 1.3	- 0.8	- 0.4	0.2	0.5	0.7	0.7	0.7	0.4	0.4	0.6
1950	- 1.4	- 1.3	- 0.4	- 0.4	- 0.5	- 0.3	- 0.2	- 0.1	0.0	- 0.1	- 0.3	- 0.6	0.9
1951	0.1	- 1.0	- 0.2	0.1	0.2	0.2	0.2	0.0	- 0.2	- 0.4	- 0.3	0.0	0.1
1952	1.0	1.0	0.5	0.2	0.0	0.0	0.2	0.5	- 0.2	- 0.3	- 0.1	- 0.1	- 0.5
1953	- 6.4	- 3.8	- 0.8	- 0.4	- 0.3	0.0	0.2	1.0	0.1	- 0.2	- 0.1	0.1	- 0.2
1954	- 5.5	- 3.6	- 0.2	0.3	0.5	0.8	0.8	0.8	- 0.1	- 0.7	- 0.9	- 0.7	- 1.3
1955	- 1.9	- 0.9	0.2	0.3	0.0	0.2	- 0.1	- 0.6	- 0.5	- 0.7	- 0.6	- 1.1	- 1.0
1956	- 6.2	- 2.0	1.1	1.4	1.0	1.0	0.8	0.6	0.2	- 0.3	- 0.7	- 0.8	- 0.9
1957	- 0.4	- 0.3	0.0	0.0	- 0.1	0.1	0.1	- 0.1	0.0	- 0.2	- 0.5	- 0.5	- 0.5
1958	- 0.6	0.9	1.3	0.8	- 0.1	- 0.6	- 0.9	- 0.8	- 0.5	- 0.6	- 0.8	- 0.7	- 0.8
1959	- 4.6	- 3.0	- 0.5	0.0	- 0.2	0.0	0.1	0.1	0.1	- 0.1	- 0.5	- 0.6	- 0.8
1960	2.1	1.8	1.6	1.1	0.1	- 0.5	- 0.5	- 0.4	- 0.2	- 0.3	- 0.6	- 0.7	- 0.8
1961	- 1.9	- 1.5	- 0.7	- 0.8	- 0.9	- 0.7	- 0.4	- 0.3	- 0.1	- 0.3	- 0.6	- 0.6	- 0.6
1962	- 0.9	- 1.2	- 0.5	0.1	0.2	0.7	0.8	0.6	0.2	- 0.3	- 0.6	- 0.7	- 0.8
1963	- 2.5	- 1.9	- 0.7	- 0.2	- 0.3	- 0.3	- 0.6	- 1.1	- 1.1	- 1.0	- 1.1	- 0.8	- 1.0
1964	- 4.2	- 2.8	- 0.8	0.0	0.0	0.3	0.4	0.3	0.3	0.0	- 0.5	- 0.5	- 0.8
1965	0.0	- 0.1	0.4	0.4	- 0.1	- 0.3	- 0.4	- 0.7	- 0.6	- 0.6	- 0.7	- 0.4	- 0.6
1966	- 0.2	- 0.4	1.2	1.4	1.0	0.4	0.0	- 0.6	- 0.6	- 0.7	- 0.8	- 0.7	- 1.0
1967	- 8.8	- 5.8	- 2.1	- 0.8	0.0	0.8	1.1	0.9	0.7	0.4	- 0.1	- 0.4	- 1.0

Tab. 3

Abweichungen vom Normalwert des Zonalindex (Zonalindex = BKM 35°N minus BKM 65°N)

JAHR	J	F	M	A	M	J	J	A	S	O	N	D
1899	5.2	-0.1	-2.1	4.1	0.5	-1.6	-2.4	-2.0	1.4	0.7	3.7	-4.3
1900	-1.8	-5.0	-4.3	3.4	3.4	2.5	2.2	3.6	6.5	4.1	0.5	5.9
1901	2.1	-4.8	3.4	1.6	-2.0	0.6	-0.4	2.2	1.2	0.1	1.7	-1.7
1902	1.1	0.0	1.6	-4.8	-1.6	-4.2	0.4	0.2	1.3	1.2	0.1	-0.7
1903	3.0	11.9	6.0	-1.2	1.1	-3.5	0.4	2.0	0.4	-0.5	0.0	-0.9
1904	3.1	-2.3	-3.7	3.5	2.3	1.8	3.2	0.3	-1.6	-1.3	1.7	2.1
1905	3.2	2.1	1.8	-3.6	1.8	0.6	0.5	0.1	0.8	-3.7	3.7	3.2
1906	0.4	-4.0	1.6	0.9	-3.5	-2.5	-0.6	-1.4	-1.0	-0.8	-6.9	-2.9
1907	-6.4	-0.8	2.3	-2.4	-2.4	0.5	-2.4	0.1	-4.0	-2.7	-1.6	-1.1
1908	3.3	1.0	-0.2	-0.1	1.5	-0.8	-1.0	0.2	1.2	-1.9	-0.9	1.9
1909	-2.9	-0.9	-5.0	-0.9	-2.0	-0.6	3.5	5.1	-0.3	-0.1	-1.1	-1.8
1910	6.5	4.0	1.6	1.2	0.4	2.5	0.5	-1.8	-1.7	1.6	-6.7	0.2
1911	-0.4	8.4	3.4	3.4	3.4	1.3	-1.7	-1.1	1.8	0.6	4.0	2.9
1912	-0.7	0.7	3.2	3.6	3.6	0.5	-1.1	0.3	-2.5	-0.9	3.0	6.5
1913	2.4	1.9	10.0	2.2	1.5	2.3	-1.6	-1.4	-1.7	-2.5	6.0	3.7
1914	4.6	5.3	0.4	2.1	6.9	1.8	0.9	0.6	0.6	-1.1	1.8	5.7
1915	-3.1	0.5	-5.8	3.8	-4.1	-0.7	-2.1	-2.4	-1.2	-3.4	0.0	1.2
1916	3.4	1.5	-5.0	-0.7	-0.9	-2.5	1.2	2.2	-0.2	3.7	2.6	-3.0
1917	-4.8	-0.9	1.5	-6.2	-3.8	-1.2	0.1	0.0	5.1	-0.6	2.1	-7.1
1918	-1.2	11.4	0.8	-3.7	0.8	-1.1	-6.7	-0.2	1.4	0.7	1.1	1.2
1919	-1.8	-1.2	-1.8	0.4	-1.2	-2.2	-0.9	1.0	1.7	-7.2	-3.9	2.9
1920	-0.1	5.6	8.7	-2.8	-2.6	-0.4	1.7	-2.3	-1.7	-2.0	3.5	0.0
1921	7.8	-0.6	5.4	-2.1	-1.8	-1.7	1.2	-0.2	-1.2	-1.1	-4.5	4.6
1922	-1.6	3.2	0.7	0.6	1.0	-1.0	-1.6	-1.2	-1.1	-4.2	-0.1	1.3
1923	5.6	-2.6	1.6	0.7	-1.1	-0.4	0.0	-0.8	0.6	2.8	0.5	4.1
1924	0.5	-3.7	-5.6	-1.2	1.0	-0.7	4.4	2.1	3.3	-0.2	2.0	3.3
1925	4.4	3.4	-0.9	6.1	0.7	2.0	-1.3	1.6	1.1	0.1	1.9	-2.2
1926	3.4	2.7	3.7	1.4	-2.4	-3.4	2.5	1.4	-0.8	-2.7	1.1	-1.8
1927	3.5	0.8	4.4	0.1	-2.0	2.0	-0.6	0.5	-1.1	-1.4	0.4	-4.2
1928	9.3	6.3	-2.4	1.6	-0.3	0.6	3.1	0.8	1.2	2.4	3.2	3.3
1929	-8.5	-3.8	6.2	0.5	1.5	0.5	2.1	0.9	-1.2	2.9	2.5	1.6
1930	2.8	-0.3	2.4	-1.3	3.1	2.8	1.8	-1.1	-3.0	-0.5	2.4	3.6
1931	0.1	0.7	-4.5	-0.3	-0.7	0.1	-0.6	-0.7	-1.5	3.3	3.6	5.1
1932	9.1	-3.8	-3.7	0.3	1.2	-1.1	0.4	-0.2	2.3	1.1	0.5	6.3
1933	0.6	-6.3	0.0	-1.3	0.0	0.5	1.7	3.3	-2.0	-3.6	1.1	-6.3
1934	3.6	4.3	0.4	0.8	3.2	0.7	-1.0	0.6	-1.8	4.0	0.7	1.4
1935	-0.5	10.6	-0.2	-5.3	-3.3	0.3	3.8	1.0	-0.1	0.7	-2.0	-5.5
1936	-5.6	-10.7	-0.4	-2.0	0.4	0.0	-0.1	0.0	-1.8	0.9	1.6	6.9
1937	1.3	3.8	-5.9	1.0	1.7	1.2	1.6	1.4	1.9	-0.8	-3.6	-8.6
1938	1.5	-2.0	9.6	2.6	1.2	3.8	-1.7	-0.6	1.3	3.7	4.0	-2.4
1939	-2.4	6.2	-1.9	3.0	-0.9	-1.9	-1.5	-2.4	-2.8	-3.7	0.9	2.9
1940	-11.6	-2.6	-3.2	-1.1	-2.1	-2.0	-2.2	-0.2	-0.6	-1.8	3.3	-1.7
1941	-6.6	-2.8	-3.2	-2.9	-0.9	0.7	-1.5	-3.8	-3.2			2.7
1942	0.2	-9.5	-0.7	-0.6	-1.6	-2.8	-0.7	-0.1	-1.0	-1.0	-4.0	-1.5
1943	-4.3	7.3	0.0	5.0	-0.1	-1.7	-0.7	-2.8	0.3	-0.7	1.0	3.6
1944	6.5	-0.8	-5.0	-2.0	1.1	-2.7	-3.2	-0.6	-1.3	-0.5	-8.1	-6.8
1945	-7.6	-0.7	6.0	0.0	-1.6	-0.2	-0.5	0.6	-0.2	1.7	-2.4	-7.0
1946	4.9	2.3	1.6	7.2	-3.0	4.5	1.3	-0.6	-1.3	0.5	-0.9	-5.6
1947	-3.9	-14.6	-3.7	4.8	1.3	0.1	2.6	-2.0	0.6	0.8	-7.4	-3.7
1948	3.4	-0.4	6.8	0.0	-2.8	-1.3	0.6	-0.1	-0.1	4.5	2.3	2.9
1949	6.3	5.0	-1.5	4.5	1.5	0.5	0.4	0.3	-1.5	3.3	-0.1	-1.3
1950	-2.7	2.9	2.5	1.3	1.4	3.1	0.8	-0.4	2.6	-0.2	-5.3	-2.5
1951	-0.4	-0.8	-4.3	-1.2	-1.1	-1.3	1.4	-1.1	-3.5	-3.5	3.0	7.2
1952	2.3	-4.5	-1.2	3.3	-2.3	1.9	0.5	0.0	-1.7	-0.6	-3.9	-0.2
1953	-3.5	1.7	4.0	-4.5	-2.0	-1.6	0.0	1.4	0.5	0.7	2.6	3.9
1954	-4.0	-0.7	2.0	-4.2	-4.5	0.9	-0.4	-0.5	0.3	0.7	0.0	-2.0
1955	0.0	-4.9	-3.6	-1.4	2.6	0.8	0.2	1.3	0.6	0.6	-5.2	-3.6
1956	-8.1	-11.2	0.0	-1.7	4.7	0.5	-0.9	-0.2	0.1	2.6	-2.0	-3.3
1957	5.5	-4.8	-4.3	0.6	-2.2	-1.3	-2.4	-0.9	-1.1	2.5	-0.5	6.4
1958	-2.5	-5.1	-7.4	-1.2	1.5	-2.3	-0.4	-1.2	-0.3	0.9	2.9	-1.6
1959	-3.6	7.7	4.1	0.1	-0.7	-1.3	0.2	-4.2	-0.3	-3.1	-2.4	1.7
1960	-5.5	-1.6	-6.3	-1.3	-3.7	0.7	-0.8	0.3	0.1	-1.3	0.6	1.1
1961	-0.9	3.6	1.7	0.0	0.7	3.3	-0.9	2.8	3.2	-0.2	0.5	-7.6
1962	4.6	0.0	-7.1	0.6	-0.8	1.7	-4.1	1.9	0.0	0.1	-1.1	-0.8
1963	-12.2	-2.6	1.2	-2.5	2.9	0.9	-1.2	-1.9	1.3	4.2	-0.6	0.1
1964	4.3	-1.6	-3.5	1.2	1.2	0.4	1.0	-2.0	0.9	0.6	-0.4	-1.8
1965	-2.3	-6.2	-3.9	-1.0	0.8	1.9	-1.0	1.2	-1.4	2.0	-2.4	1.0
1966	-9.7	1.0	-2.5	-8.4	1.9	0.9	-0.4	-2.1	2.9	-2.8	0.0	-6.6
1967	1.6	5.5	5.5	0.6	-1.0	0.3	-0.5	-0.6	0.7	3.5	-0.3	-1.2