

## **9. INFORMACION COMPLEMENTARIA**

**9.1. Banco de datos del ITGE**

**9.2. Bibliografía recomendada**

**9.3. Series pluviométricas**

**9.4. Piezometría**

**9.5. Diapositivas**

## **IX. INFORMACION COMPLEMENTARIA**

### **IX.1. BANCO DE DATOS DEL ITGE**

El Instituto Tecnológico Geominero de España dispone de una completa Base de Datos de Aguas, que incluye un buen número de referencias correspondientes al "camp de Tarragona" al igual que al resto de los más importantes acuíferos españoles. Las tablas creadas para el manejo de esta base de datos resumen la información disponible sobre cada uno de los puntos acuíferos incorporados y son las siguientes:

#### **Tablas creadas para los Puntos Acuíferos**

AGMA - (Aguas Maestro). Contiene la información sobre situación geográfico-administrativa y técnica del punto acuífero. (Coordenadas, cota topográfica, cuenca hidrográfica, provincia, naturaleza, tipo de motor instalado, etc.).

AGCA - (Aguas Caudales). Almacena los diferentes caudales y/o niveles que pueden tomarse en los puntos acuíferos a través del tiempo.

AGEB - (Aguas Ensayos de Bombeo). Se incluyen los datos de los diferentes ensayos de bombeo realizados. (Caudal, tiempo de duración del ensayo, transmisividad, etc.).

AGLI - (Aguas Litológicas). Contiene las edades geológicas y litológicas de los acuíferos atravesados al realizar las obras de captación.

#### **Tabla creada para Análisis Químicos**

AGAQ - (Aguas Análisis Químicos). Almacena la información sobre los análisis químicos realizados con las muestras tomadas en aquellos puntos que pertenecen o no a la red de calidad.

### **Tabla creada para Análisis de la Red de Intrusión**

AGRI - (Aguas Red de Intrusión). Contiene los resultados de análisis químicos realizados en los puntos pertenecientes a la red de control de la intrusión (cloruros y conductividad).

### **Tablas creadas para la Red de Piezometría**

AGPZN - (Aguas Niveles Piezométricos). Se almacenan en estas tablas las diferentes medidas de nivel tomadas específicamente para esta red.

AGPZQ - (Aguas Caudales Piezómetros). Contiene caudales medidos para esta red.

### **Tabla creada para la Red Hidrométrica**

AGHD - (Aguas hidrometría). Contiene las diferentes medidas de caudal y/o alturas de las escalas limnimétricas.

### **Tabla creada para la Red de Geotermismo**

AGGT - (Aguas Geotermismo). Contiene los resultados de los análisis químicos de agua y gases realizados específicamente en las muestras tomadas en los puntos que constituyen esta red.

El acceso a la información puede realizarse a una sola tabla o a varias, ya que todas están ligadas por la misma clave. Igualmente, las consultas a las tablas pueden efectuarse a todos los parámetros contenidos en ellas, a algunos determinados o a todos o a algunos que cumplan determinadas especificaciones que se marquen para acotar las consultas.

## IX.2. BIBLIOGRAFIA RECOMENDADA

### INSTITUTO TECNOLÓGICO GEOMINERO DE ESPAÑA (I.T.G.E.)

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- I.T.G.E.: "Estudio de las posibilidades de mejora del abastecimiento de Tarragona con aguas subterráneas". (1984).
- I.T.G.E.: Hojas Hidrogeológicas, (E: 1/50.000), de:
  - Reus
  - Tarragona (aún sin publicar)
- I.T.G.E.: "Investigación Hidrogeológica Básica en la Cuenca del Pirineo Oriental, e Inventario de Focos de Contaminación. Provincia de Tarragona". (1985).
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- I.T.G.E.: Estudios Hidrogeológicos para el abastecimiento de las poblaciones:
  - L'Albiol
  - Alió
  - Cambrils
  - Constantí

- El Catllar
- La Nou de Gaià
- Masllorenç
- Nulles
- Els Pallaresos
- Pobla de Mafumet
- Renau
- Reus
- Sarraí
- Vandellós
- El Vendrell
- Vespella
- Vilabella
- Vilallonga
- Vilanova de Prades
- Vilaseca - Salou
- Vinyols i els Arcs

## OTROS

- IGLESIES FORT, Josep: "Estadística de las superficies cultivadas del Camp de Tarragona en el present segle". Cátedra de Historia Económica de la Facultad de Ciencias Políticas, Económicas y Comerciales de la Universidad de Barcelona, e Instituto Municipal de Historia de Barcelona. Cuaderno IV (1969-1970).
- C.A.P.O. y S.G.O.P.: "Estudio de los Recursos Hídricos Totales del Pirineo Oriental". (REPO). 1971.
- M.O.P.U. - C.A.P.O.: "Estudio de los Recursos Hídricos del Bajo Francolí". (1979).
- GENERALITAT DE CATALUNYA (1981): "Marc per al plá d'aigües de Catalunya". Departament de Política Territorial i Obres Publiques. Barcelona.
- GENERALITAT DE CATALUNYA (1982): "Plá de Sanejament de Catalunya". Departament de Política Territorial i Obres Publiques. Barcelona.
- CENTRO DE PERFECCIONAMIENTO Y DESARROLLO DE LA DIRECCION DE EMPRESAS. (CEPEDE)
  - "El Futuro Económico de Las Comarcas de Tarragona". (1982)
  - "Estudio e inventario de problemas medioambientales en la provincia de Tarragona. (1983)
- CAMARA OFICIAL de COMERCIO, INDUSTRIA y NAVEGACION de TARRAGONA: "Memorias Económicas de los años 1983 a 1988".

### IX.3. SERIES PLUVIOMETRICAS



ESTACION: -VANDELLOS 003

PRECIPITACIONES

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ANOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNTO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	20.0			24.4	0.0	0.0	34.0	245.2	0.0	0.0	100.0	0.0		
1951	0.0	0.0	20.4	81.0	7.8	107.7	143.8	103.8	39.6	6.7	19.9	235.5	736.2	67.49
1952	262.1	50.0	129.5	25.5	12.0	55.9	63.0	96.0	50.3	5.0	8.5	43.0	800.8	68.38
1953	58.6	7.0	19.7	0.0	0.0	106.3	20.8	36.4	127.0	24.0	0.0	58.0	457.8	40.34
1954	161.2	23.4	173.6	13.0	65.0	96.5	31.1	79.8	74.0	25.0	8.3	32.9	783.8	53.05
1955	5.2	26.0	75.0	138.3	61.7	15.7	0.0	18.0	159.3	22.4	47.3	89.1	658.0	49.84
1956	100.2	27.2	86.8	74.0	22.2	187.5	46.8	126.4	49.5	1.3	38.5	106.0	866.4	50.19
1957	42.5	60.5	5.0	4.6	5.0	0.0	74.0	247.4	179.6	0.0	43.4	26.0	654.4	76.03
1958	182.5	36.5	169.5	76.5	0.0	31.3	25.0	0.0	11.0	0.0	12.0	25.0	569.3	61.04
1959					149.6	235.0	15.4	65.1	24.0	12.1	7.4	532.4		
1960	169.0	66.8	26.2	47.9	175.6	0.0	68.4	157.2	33.8	0.0	144.8	157.3	1047.0	65.66
1961	157.8	7.0	69.2	88.5	0.0	13.6	8.9	142.0	0.0	0.0	35.5	103.4	625.9	55.76
1962	56.5			70.0	100.5	65.0								
1963														
1964														
1965														
1966														
1967														
1971						58.5	56.3	61.1	17.1	1.8	27.5	364.2		
1972	44.5	156.4	157.2	100.4	23.0	37.3	36.6	69.2	104.5	11.2	41.4	228.4	1006.5	54.10
1973	176.4	32.5	11.3	10.8	0.5	16.2	84.2	22.6	149.7	1.0	58.7	22.0	585.9	56.28
1974	9.3	23.5	52.3	0.0	35.3	194.9	109.0	52.8	18.8	41.3	216.6	65.6	819.4	67.45
1975	19.5	1.3	3.8	9.5	32.7	69.7	22.8	143.6	94.6	5.0	59.4	79.4	541.3	42.76
1976	1.6	13.8	79.8	4.0	16.8	56.7	73.1	29.7	14.0	15.7	48.5	35.7	389.4	25.39
1977		5.4	92.91	02.61	1.4	24.7	55.0	162.5	72.0	73.0	20.9	12.1		
1978	30.7	58.0	44.6	29.9	14.3	56.4	96.4	9.2	142.5		4.0	32.6		
1979	30.9	6.2	31.9											
1980														
1981					57.7	36.1	180.3		102.9	19.0	16.3	33.9		
1982	7.7	0.0	23.3	48.9	90.9	74.1	32.2	64.0	35.8					
1983				0.0	12.1		12.3	1.2	38.1	0.3	127.0	48.7		
1984	13.2	167.3	32.0											
													702.6	181.61
MEDIO	73.6	38.4	65.2	40.3	38.4	66.9	54.6	87.9	65.6	12.6	48.0	106.0	SUMA =	697.5
DESV.	76.49	45.87	53.50	29.59	48.08	62.58	44.24	70.48	52.35	17.43	52.99	127.49	-----	

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ESTACION: -MONTBRIO 008

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	0.0	36.0	36.0	11.5	0.2	19.0	23.4	85.6	8.0	0.8	48.6	10.6	279.7	24.42
1951	10.0	4.3	92.7	64.0	33.5	54.9	76.4	67.4	34.0	8.8	48.5	163.3	656.8	42.48
1952	269.3	50.6	44.9	19.0	31.8	58.3	39.5	134.6	17.7	27.4	0.0	42.0	735.1	70.32
1953	83.9	5.0	7.0	0.0	4.6	45.8	16.3	14.8	122.0	13.4	1.5	67.8	382.1	37.87
1954	27.7	16.4	54.2	8.8	26.0	95.1	40.7	40.0	78.1	24.1	0.0	8.7	419.8	27.53
1955	20.4	8.4	60.8	58.5	59.9	5.7	0.0	24.8	70.3	23.0	60.1	68.0	459.9	25.69
1956	111.0	24.0	62.4	12.2	4.0	96.9	41.4	90.5	70.5	3.0	30.0	79.1	625.0	36.32
1957	47.5	49.0	9.0	8.0	12.0	5.3	125.8	160.3	105.3	2.0	19.0	97.5	640.7	52.64
1958	122.2	14.7	46.0	39.3	0.0	21.5	23.2	5.5	9.0	8.5	36.5	43.0	369.4	31.36
1959	36.3	79.0	99.5	2.2	127.0	116.4	17.0	46.5	0.0	8.5	18.5	355.5	906.4	94.84
1960	208.1	5.5	33.0	44.0	32.3	52.0	10.0	38.4	124.7	43.0	17.7	50.4	659.1	54.57
1961	87.9	7.0	94.7	42.5	0.0	10.0	17.7	119.2	2.0	0.0	23.8	69.1	473.9	40.62
1962	68.3	48.1	3.6	35.9	49.5	29.1	70.5	54.7	21.8	6.0	26.0	138.9	552.4	34.87
1963	148.5	40.2	25.0	34.3	42.9	11.6	31.0	44.0	27.5	25.5	53.5	140.0	624.0	42.59
1964	3.5	19.4	36.5	18.0	62.9	30.3	4.5	25.0	37.0	1.0	33.8			
1965	26.0	63.0	192.3	22.5	21.0	30.5	24.4	21.4	11.7	2.3	62.0	53.5	530.6	48.25
1966	209.7	36.8	9.5	44.1	39.4	0.0	39.0	10.2	24.7	57.9	30.2	21.9	523.4	52.49
1967	82.6	12.0	0.0	15.6	26.1	60.3	53.5	5.0	4.0	0.0	31.0	2.5	292.6	26.24
1968	99.0	262.0	0.0	0.0	20.9	33.4	26.0	64.0	79.6	4.5	137.4	11.0	737.8	73.46
1969	1.7	58.4	74.5	56.5	35.6	84.1	204.2	53.1	51.5	4.5	23.7	91.4	739.2	50.88
1970	97.5	80.3	43.0	35.1	0.0	13.6	7.2	54.4	54.8	6.5	11.0			
1971	89.2	56.4	47.0	38.5	2.0	46.1	36.6	57.6	44.0	0.0	19.9	291.5	728.8	73.40
1972	57.6	81.9	80.5	73.8	34.2	41.9	42.5	133.8	84.5	50.0	91.6	207.5	979.8	46.25
1973	78.4	45.0	22.6	5.7	2.5	3.0	18.0	28.2	87.0	18.0	12.0	22.1	342.5	26.77
1974	0.0	41.0	107.1	5.0	20.2	182.7	73.4	37.5	11.5	17.7	53.5	80.8	630.4	50.40
1975	40.4	1.0	2.5	22.2	29.1	54.7	24.2	120.7	127.5	4.0	75.3	34.8	506.1	42.23
1976	0.0	6.5	64.1	2.3	10.2	31.5	63.3	42.5	4.8	27.2	83.0	215.8	551.2	57.71
1977	30.3	8.0	118.9	108.9	12.8	36.3	85.7	116.2	22.5	60.1	31.5	10.8	642.0	41.02
1978	83.1	74.3	52.2	26.2	12.4	44.5	58.3	47.2	37.1	0.0	8.0	41.0	484.3	24.45
1979	0.0	0.0		122.3	34.0	51.0	37.8	18.7	35.6	0.0	7.0	18.2		
1980	141.7	10.0	3.3	4.8	24.1	26.4	41.8	90.3	33.6	2.0	38.4	21.0	437.4	39.26
1981	1.4	102.4	0.0	13.4	53.6	14.9	138.3	47.8	186.5	7.7	10.2	73.5	649.7	57.98
1982	11.6	0.0	34.1	44.7	98.9	37.0	35.4	44.7	21.5	9.0		106.2		
1983	203.8	40.3	0.0	0.0	33.5	4.5	7.3	0.5	20.9	00.0	112.9	3.0	426.7	59.42
1984	5.8													
													566.2	165.12
MEDIO	70.7	40.8	47.2	30.6	29.3	42.7	45.7	57.2	49.1	13.7	38.1	82.5	SUMA =	547.5
DESV.	70.20	47.55	42.80	29.15	27.39	37.12	41.57	41.03	43.88	16.72	32.13	83.68	-----	



ESTACION: -CAMBRILS 013

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNTO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	0.0	33.5	45.8	12.5	1.3	18.5	38.7	94.8	2.0	0.0	110.0	12.8	369.9	35.44
1951	26.0	0.0	96.0	42.0	16.6	100.0	59.9	56.2	27.8	44.9	46.7	146.2	629.3	40.97
1952	120.4	59.0	36.0	21.0	21.0	47.0	42.0	34.0	49.0	31.0	3.0	51.0	514.4	27.70
1953	98.7	7.5	9.1	0.0	2.1	40.1	13.0	20.0	140.2	13.0	37.0	58.0	438.7	41.41
1954	62.5	38.7	64.4	5.0	7.2	73.0	52.3	62.0	65.5	52.8	15.5	28.4	527.3	23.26
1955	62.2	14.5	68.8	41.3	51.6	9.0	7.0	13.8	0.0	6.0	72.0	52.0	398.2	26.16
1956	140.7	20.1	44.3	6.2	5.0	84.5	59.6	96.6	91.5	9.5	42.4	134.0	731.4	45.73
1957	47.9	60.8	1.8	4.5	10.0	4.5	173.0	157.5	66.0	1.3	23.6	69.0	649.9	56.66
1958	111.1	26.7	65.8	30.6	0.0	26.0	39.0	3.3	18.6	15.0	4.4	21.7	362.2	29.80
1959	55.1	102.0	103.2	2.0	50.6	124.9	6.8	25.1	14.0	21.8	11.0	255.6	772.1	70.34
1960	165.0	20.5	11.0	46.3	42.4	42.0	12.1	35.5	166.4	74.7	16.4	74.7	707.0	51.92
1961	289.8	110.0	90.7	45.0	0.0	10.1	146.0	85.4	9.2	0.6	24.7	69.9	881.4	79.52
1962	88.8	63.9	3.8	43.0	78.9	24.5	65.5	44.8	27.4	4.1	19.8	94.5	559.0	30.28
1963	187.0	29.0	16.0	28.0	16.6	0.0	33.0	24.0			77.0			
1964														
1965		68.0	191.0	7.7	16.0	18.0	5.5	19.0		6.5		29.0		
1966	210.1	29.5	13.7	42.0	52.0	0.0	19.2	8.9	22.6	26.6	36.5	37.5	498.6	52.72
1967	143.5	18.0	10.0	33.0	47.5	48.5	7.5	10.5	7.0	47.5	4.5			
1968					22.6		25.3	50.9	58.6		52.9	29.2		
1969	0.5	38.3	56.5	43.9	39.7	96.2	169.0	34.6	40.6	14.9				
1970	0.0			42.5	0.0	0.0	0.0	18.0						
1971	68.0	28.0			0.0		196.0	58.6	28.9	12.0		253.4		
1972	109.2					54.2	50.4	131.9	104.4	61.4	38.2	303.1		
1973	110.2	28.2	14.0	12.6	0.3	9.0	29.2	28.3	82.9	3.0	15.0	98.7	431.4	36.93
1974	5.3	27.3	111.3	2.8	22.1	163.1	82.9	53.7	11.1	49.5	102.4	91.9	693.4	49.48
1975	38.2	3.1	1.6	15.1	14.5	52.3	44.3	97.9	143.4	4.0	58.7	79.2	549.3	44.92
1976	0.5	2.6	59.3	2.4	11.3	18.7	79.2	37.3	3.7	26.0	130.3	159.4	530.7	51.05
1977	44.4	3.7	100.2	110.4	18.6	29.5	83.7	116.8	33.6	52.7	22.3	14.8	630.7	38.24
1978	24.2	73.4	56.3	18.8	16.5	45.9	58.8	61.9	56.1	0.0	18.0	34.6	464.5	22.08
1979	23.0	9.7	34.9	152.3	35.1	34.8	34.5	29.5	33.2	2.2	2.5	14.3	406.0	37.77
1980	207.0	30.5	1.1	6.2	19.6	25.3	28.3	92.6	43.9	6.6	30.2	12.5	503.8	54.85
1981	9.0	98.9	0.2	16.3	47.9	14.5	136.1		140.1	4.6	4.8	40.8		
1982	13.2	0.0	27.4	29.6	117.2		18.7	47.9	28.5	7.2	148.1	162.0		
1983	230.3	34.4		0.0	32.5	5.0	9.9	0.0	30.6	0.7	87.5	4.8		
1984	22.1	122.7	36.2											

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MEIO	84.8	38.8	47.3	28.8	25.5	40.6	55.3	51.5	51.5	17.8	43.3	83.8	SUMA =	568.9
DESV.	76.79	33.34	43.52	32.16	25.63	39.00	51.84	38.70	45.64	20.02	39.19	77.30	-----	

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ESTACION: -REUS 016

PRECIPITACIONES

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ANNOS	OCTBRE	NOVRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	0.0	33.0	27.0	11.0	2.0	16.0	21.0	79.0	6.0	1.0	82.0	27.0	305.0	26.80
1951	43.0	4.0	133.0	39.0	24.0	97.0	20.0	83.0	37.0	8.0	57.0	141.0	650.0	46.43
1952	134.0	89.0	37.0	22.0	23.0	58.0	0.0	60.0	21.0	43.0	10.0	126.0	623.0	41.98
1953	68.0	17.0	8.0	0.0	0.0	39.0	16.0	27.0	142.0	11.0	43.0	91.0	462.0	40.94
1954	151.0	9.0	98.0	7.0	18.0	80.0	47.0	87.0	46.0	34.0	14.0	17.0	608.0	42.81
1955	39.0	13.0	40.0	38.0	53.0	7.0	3.0	10.0	39.0	25.0	60.0	107.0	434.0	27.69
1956	119.0	28.0	53.0	10.0	5.0	95.0	60.0	69.0	73.0	28.0	30.0	150.0	720.0	42.40
1957	37.0	47.0	2.0	6.0	12.0	6.0	54.5	183.0	121.0	6.0	21.0	38.0	533.5	52.52
1958	87.0	26.0	38.0	44.0	0.0	30.0	28.0	14.0	20.0	10.0	22.0	27.0	346.0	20.90
1959	51.0	56.0	118.0	3.0	75.0	141.0	20.0	30.0	26.0	22.0	12.0	207.0	761.0	59.42
1960	166.0													
1961														
1962				49.0	55.0	32.0	63.0	54.0	34.0	3.0	44.0	140.0		
1963	152.0	40.0	26.0	44.0	39.0	5.0	28.0	26.0	32.0	10.0	56.0	152.0	607.0	47.49
1964	4.0	40.0	45.0	28.0	57.0	51.0	2.0	21.0	85.0	4.0	66.0	51.0	454.0	25.40
1965	23.0	93.0	108.0	42.0	25.0	31.0	18.0	24.0	17.0	21.0	49.0	114.0	565.0	34.90
1966	179.0	29.0	16.0	47.0	59.0	3.0	25.0	18.0	28.0	31.0	36.0	1.2	472.2	44.95
1967	78.0	25.0	0.0	16.0	34.0	60.0	61.0	5.5	11.0	0.0	59.0	5.0	354.5	26.81
1968	90.5	191.0	0.0	0.0	25.0	26.0	53.0	46.0	97.0	4.0	130.0	15.0	677.5	57.15
1969	2.0	67.0	90.0	61.0	32.0	113.0		42.0	62.0	5.0	44.0	156.0		
1970	113.0	48.0			0.0	22.0	11.0	62.0	31.0	8.0	27.0			
1971	254.0	43.0	61.0	35.0	6.0	51.0	43.0	78.0	72.0	4.0	9.0	219.0	875.0	77.09
1972	52.0	81.0	89.0	79.0	31.0	49.0	49.0	143.0	119.0	22.0	74.0	252.0	1040.0	59.95
1973	111.0	53.0	6.0	15.0	1.0	24.0	31.0		59.0	16.5	6.0	69.0		
1974		30.0	92.0	5.0	13.0	180.0	69.0	47.0	15.0	22.0	87.0	85.0		
1975	49.0	4.0	2.0	20.0	21.0	52.0	40.0	90.6	143.0	0.6	28.0	192.0	642.2	58.47
1976	0.0	7.0	52.0	4.0	11.0	16.0	113.0	39.0	0.0	52.0	106.5	57.1	457.6	37.96
1977	70.4	9.2	77.8	129.0	9.5	33.7	99.4	148.9	56.7	56.0	30.0	23.3	743.9	43.48
1978	36.0	59.8	69.2	17.0	15.4	39.0	103.8	80.0	45.3		3.5	105.2		
1979	20.0	1.0	39.0	226.0	54.0	37.5	44.5	21.0	52.0	1.0	9.0	18.0	523.0	57.78
1980	162.4	9.0	3.1	7.0	20.3	28.5	40.0	113.0	45.0	5.5	33.5	14.6	481.9	46.68
1981	8.0	97.0	1.5	19.0	59.0	19.5	24.5	43.0	150.0	3.0	11.5	51.0	557.0	44.60
1982	8.0	0.0	31.0	30.0	119.0	47.0	40.0	35.0			85.0	13.0		
1983	163.0	52.0		0.0	48.0	5.0	8.0		24.0		147.0	5.0		
1984	50.0	162.0	50.0											
													577.6	167.24
MEDIO	76.9	45.6	47.1	33.9	29.5	46.7	42.1	59.3	55.1	15.7	46.6	86.1	SUMA =	584.7
DESV.	65.20	43.52	38.35	44.14	26.30	40.17	29.84	42.81	41.68	15.31	35.65	70.84	-----	



ESTACION: -REUS BASE AEREA 016A

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNJO	JULIO	AGOSTU	SETBRE	TOTAL	DESVIACION
1950	0.0	33.4	27.8	11.9	2.3	16.0	21.5	79.7	6.0	1.3	82.8	27.7	310.4	26.98
1951	43.7	1.6	133.4	39.2	24.5	98.6	20.9	83.4	37.5	9.9	57.2	144.9	658.2	46.35
1952	134.5	89.3	37.0	22.5	23.0	58.9	0.0	60.0	21.5	43.3	10.2	126.8	627.0	42.13
1953	68.1	17.2	8.4	0.0	0.0	39.1	16.9	27.3	142.2	11.7	43.5	91.3	465.7	40.90
1954	151.5	9.6	98.0	7.0	18.0	80.0	72.0	87.8	46.5	34.0	14.0	29.0	647.4	42.57
1955	39.5	13.0	40.5	38.5	53.0	7.0	3.5	10.5	39.0	25.5	60.0	107.7	437.7	27.75
1956	119.5	28.0	53.5	8.0	6.5	84.0	62.0	67.5	73.5	9.5	30.0	93.0	635.0	35.27
1957	44.0	47.0	2.5	5.0	14.0	5.5	89.0		56.0			38.5		
1958				32.0	0.0	30.0	28.0	14.0	17.1	16.1	4.5	17.5		
1959	69.4	43.7	91.0		68.3	127.4	7.0		25.9	9.9	55.6	209.8		
1960	86.4	23.1	58.4	51.4	68.2	17.0	30.5	157.7	42.0	19.4	70.9	75.1	700.1	37.36
1961	74.3	16.0	75.4	46.8	0.0	8.9	17.1	102.6	44.2	1.1	26.0	89.7	499.1	34.41
1962	65.7	50.8	5.0	46.1	73.0	25.1	65.3	57.6	25.4	2.6	25.6	104.2	546.4	28.68
1963	162.6	36.4	22.9	37.2	34.3	4.7	27.8		28.9	7.6	33.4	126.1		
1964	12.3	21.7	37.3	26.0	57.1	14.2	6.1	14.9	36.9	4.0	67.9	67.0	365.4	21.91
1965	34.1		103.7	26.3	24.2	21.5	10.8	23.7	11.6	18.9				
1966	193.3	31.2	16.9	43.1	50.9	2.0	23.7	13.9	23.7	30.1	34.9	26.5	490.2	47.60
1967	81.7	8.8	0.0		33.8	48.4				0.8	92.3	11.1		
1968	108.7	152.4	0.0					33.8	95.6	2.7	84.3	24.0		
1969	2.4	52.3	82.4	49.0	44.4	133.8	204.0	35.3	72.2	9.0	57.0	133.9	869.4	55.30
1970	88.2	61.9	44.7	28.2	0.0	11.3	10.0	59.4	22.2	6.0	32.3	00.0	361.2	26.77
1971	166.1	30.7	77.4	29.8	0.3	54.8	33.9	78.3	67.4	9.8	10.1	160.6	719.2	52.54
1972	65.0	64.8	57.9	75.1	30.7	34.1	64.8	140.8	115.9	32.8	55.9	252.5	990.3	60.01
1973	72.3			12.9	1.2	22.6	33.7	22.1	61.8	8.2	5.5	128.1		
1974	2.7	21.7	90.9	2.7	12.6	145.2	66.3	44.3	15.0	16.6	80.0	61.6	559.6	41.78
1975	33.7	3.4	2.0	19.5	22.7	48.9	54.1	140.4	95.3	7.2	147.1	136.8	648.1	46.36
1976	0.2	9.0	42.0	5.1	7.1	12.4	114.8	35.5	0.9	24.8	220.3	69.8	541.9	61.96
1977	41.1	5.2	112.8	95.2	12.1	45.7	106.8	139.2	63.3	75.7	39.8			
1978	43.7	77.3	20.8	50.7	20.0	57.6	39.0	47.0	40.7	0.2	1.2	52.9	451.1	22.05
1979			28.7	225.6	46.7	37.2	48.5	21.0	22.5	2.6	31.0	19.8		
1980	171.7	9.0	3.3	3.9	25.9	17.8	45.7	111.5	42.0	6.0	36.0	16.0	488.8	48.77
1981	12.6	83.0	00.0	26.3	58.4	19.3	86.6	65.8	109.0	4.8	19.5	40.8	526.1	34.44
1982	5.8	0.8	33.2	20.6	107.3	29.2		42.1	33.1					
1983				0.0	31.4		9.1	0.2	19.5	1.4	88.0			
1984	61.6	149.0	37.6											

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569.9 158.03  
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MEDIO	69.5	39.7	45.1	35.0	29.1	42.4	45.6	59.6	47.0	14.2	51.2	82.7	SUMA =	561.0
DESV.	55.26	38.36	37.00	41.09	25.97	38.20	41.59	41.53	33.31	15.58	42.43	60.54	-----	

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ESTACION: -REUS BASE AEREA 016A

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL**	MAYO	JUNTO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	0.0	33.4	27.8	11.9	2.3	16.0	21.5	79.7	6.0	1.3	82.8	27.7	310.4	26.98
1951	43.7	1.6	133.4	39.2	24.5	98.6	20.9	83.4	37.5	9.9	57.2	144.9	658.2	46.35
1952	134.5	89.3	37.0	22.5	23.0	58.9	0.0	60.0	21.5	43.3	10.2	126.8	627.0	42.13
1953	68.1	17.2	8.4	0.0	0.0	39.1	16.9	27.3	142.2	11.7	43.5	91.3	465.7	40.90
1954	151.5	9.6	98.0	7.0	18.0	80.0	72.0	87.8	46.5	34.0	14.0	29.0	647.4	42.57
1955	39.5	13.0	40.5	38.5	53.0	7.0	3.5	10.5	39.0	25.5	60.0	107.7	437.7	27.75
1956	119.5	28.0	53.5	8.0	6.5	84.0	62.0	67.5	73.5	9.5	30.0	93.0	635.0	35.27
1957	44.0	47.0	2.5	5.0	14.0	5.5	89.0	56.0	56.0	56.0	56.0	38.5		
1958				32.0	0.0	30.0	28.0	14.0	17.1	16.1	4.5	17.5		
1959	69.4	43.7	91.0		68.3	127.4	7.0		25.9	9.9	55.6	209.8		
1960	86.4	23.1	58.4	51.4	68.2	17.0	30.5	157.7	42.0	19.4	70.9	75.1	700.1	37.36
1961	74.3	16.0	75.4	46.8	0.0	8.9	17.1	102.6	41.2	1.1	26.0	89.7	499.1	34.41
1962	65.7	50.8	5.0	46.1	73.0	25.1	65.3	57.6	25.4	2.6	25.6	104.2	546.4	28.68
1963	162.6	36.4	22.9	37.2	34.3	4.7	27.8	28.9	7.6	33.1	426.4			
1964	12.3	21.7	37.3	26.0	57.1	14.2	6.1	14.9	36.9	4.0	67.9	67.0	365.4	21.91
1965	34.1		103.7	26.3	24.2	21.5	10.8	23.7	11.6	18.9				
1966	193.3	31.2	16.9	43.1	50.9	2.0	23.7	13.9	23.7	30.1	34.9	26.5	490.2	47.60
1967	81.7	8.8	0.0		33.8	48.4				0.8	92.3	11.1		
1968	108.7	152.4	0.0					33.8	95.6	2.7	84.3	24.0		
1969	2.1	52.3	82.4	49.0	44.4	133.8	204.0	35.3	72.2	9.0	57.0	133.9	869.4	55.30
1970	88.2	61.9	41.7	28.2	0.0	11.3	10.0	59.4	22.2	6.0	32.3	00.0	361.2	26.77
1971	166.1	30.7	77.4	29.8	0.3	54.8	33.9	78.3	67.4	9.8	10.1	160.6	719.2	52.54
1972	65.0	64.8	57.9	75.1	30.7	34.1	64.8	140.8	115.9	32.8	55.9	252.5	990.3	60.01
1973	72.3			12.9	1.2	22.6	33.7	22.1	61.8	8.2	5.5	128.1		
1974	2.7	21.7	90.9	2.7	12.6	145.2	66.3	44.3	15.0	16.6	80.0	61.6	559.6	41.78
1975	33.7	3.4	2.0	49.5	22.7	48.9	51.4	140.4	95.3	7.2	147.4	136.8	648.4	46.36
1976	0.2	9.0	42.0	5.1	7.1	12.4	114.8	35.5	0.9	24.8	220.3	69.8	541.9	61.96
1977	41.1	5.2	112.8	95.2	12.1	45.7	106.8	139.2	63.3	75.7	39.8			
1978	43.7	77.3	20.8	50.7	20.0	57.6	39.0	47.0	40.7	0.2	1.2	52.9	451.1	22.05
1979			28.7	225.6	46.7	37.2	48.5	21.0	22.5	2.6	31.0	19.8		
1980	171.7	9.0	3.3	3.9	25.9	17.8	45.7	111.5	42.0	6.0	36.0	16.0	488.8	48.77
1981	42.6	83.0	60.0	26.3	58.4	19.3	86.6	65.8	109.0	4.8	49.5	40.8	526.4	34.44
1982	5.8	0.8	33.2	20.6	107.3	29.2		42.1	33.1					
1983				0.0	31.4		9.1	0.2	19.5	1.4	88.0			
1984	61.6	149.0	37.6											
													569.9	158.03
MEDIO	69.5	39.7	45.1	35.0	29.1	42.4	45.6	59.6	47.0	14.2	51.2	82.7	SUMA =	561.0
DESV.	55.26	38.36	37.00	41.09	25.97	38.20	41.59	41.53	33.31	15.58	42.43	60.54	-----	

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ESTACION: -VILASECA 017

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	1.2	34.4	36.0	15.1	2.0	15.2	25.0	83.0	7.0	0.0	107.8	13.9	340.6	32.47
1951	16.5	1.6	102.4	39.5	25.0	93.6	66.0	83.0	40.2	16.2	66.2	141.9	692.4	40.24
1952	116.9	94.0	30.6	25.6	22.5	73.4	32.0	60.2	44.6	2.5	4.2	60.0	566.5	33.55
1953	68.2	20.4	13.8	0.0	0.4	30.7	15.7	31.2	185.8	15.9	31.1	86.1	499.3	49.83
1954	96.5	30.0	65.1	4.4	16.6	62.3	49.5	88.1	51.7	43.5	10.6	20.4	538.7	28.50
1955	70.1	31.3	62.7	40.1	59.8	7.3	8.3	17.0	43.4	30.4	93.6	111.7	575.7	31.42
1956	180.6	45.0	46.7	6.3	8.5	58.3	70.4	80.5	62.5	40.3	51.0	132.7	782.8	46.94
1957	70.3	41.6	1.5	3.6	7.5	2.7	91.8	165.1	92.9	4.6	29.1	117.4	628.1	52.31
1958	93.4	31.7	50.2	41.7	0.0	30.6	32.5	3.2	22.6	18.4	5.9	33.8	364.0	24.11
1959	73.7	76.4	127.5	3.1	82.6	133.6	6.5	34.6	28.0	25.6	56.5	262.3	910.4	69.41
1960	113.0	6.3	41.8	59.9	55.3	68.0	19.2	30.9	190.1	91.9	13.8	53.4	743.6	48.90
1961	97.5	14.0	92.2	49.5	0.0	8.1	19.9	79.4	25.9	2.5	38.6	74.5	502.1	34.31
1962	78.7	56.4	3.8	50.6	82.9	26.5	76.2	64.1	26.4	.2	14.4	85.5	565.7	30.26
1963	197.0	48.2	25.3	44.2	44.3	7.2	27.8	30.0	28.0	24.1	75.1	170.1	721.3	57.73
1964	26.8	25.3	49.2	33.8	56.3	28.8	0.0	20.0	24.0	4.9	67.2	56.7	393.0	19.96
1965	84.3	88.3	116.4	47.6	29.0	26.3	20.9	38.3	8.0	26.5	54.7	26.3	566.6	31.43
1966	180.9	38.3	18.0	47.0	47.4	2.2	25.0	13.5	22.2	40.5	49.7	8.9	493.6	44.87
1967	110.7	10.2	17.1	37.5	52.7	58.4	12.0	3.0	0.0	81.9	15.5			
1968	130.1	214.9	0.9	0.0	39.6	33.6	42.4	51.3	103.3	3.3	103.9	26.0	749.3	61.64
1969	0.6	53.0	80.3	68.4	39.5	106.9		50.3	54.7	17.4	42.1	138.6		
1970	110.7	88.9	54.6	37.8	0.0	15.1	7.5	65.1	25.4	6.0	15.4			
1971	176.1	52.5	55.8	29.9	7.1	42.3	24.9	80.8		0.6	5.8	144.8		
1972	69.6	77.0		63.8	25.1	34.9	51.9	103.5	118.2	26.5	22.3	265.5		
1973	73.6	43.5	14.7	10.3	0.0	31.0	36.5	13.0	58.6	3.6	9.3	71.5	365.6	25.17
1974	4.4	26.0	74.2	3.1	18.7	186.1	79.3	33.7	13.9	17.1	101.1	110.8	668.4	53.52
1975	39.8	1.3	3.5	14.4	14.6	38.6	12.4	68.0	105.2	20.8	75.5	127.5	523.6	39.75
1976	0.0	6.5	48.3		10.0	10.8	100.9	91.0	1.8	49.5	269.7	75.7		
1977	52.8	2.8	148.5	87.2	10.9	36.6	87.0	123.5	48.2	69.3	27.3	16.4	710.5	43.59
1978		78.2	55.2	22.0	18.5	40.8	59.4	58.1	53.5	0.0	4.5	52.8		
1979	30.0	2.3	29.4	144.4	22.7	36.1	39.9	40.8	17.8	2.0	16.2	18.0	399.6	35.70
1980	175.4	8.5	2.0	3.7	19.0	31.5	22.1	99.2	44.4	5.6	36.1	8.5	456.0	48.81
1981	5.0	97.7	1.0	28.6	43.8	18.3	72.1	43.8	117.2	2.0	21.9	42.9	494.3	35.89
1982	9.5	0.0	24.9	25.1	100.0	39.5	22.1	36.3	30.9	10.7	108.4	27.3	434.7	32.31
1983	162.4	34.6		0.0	30.1	3.4	6.8	0.0	30.3	0.6	94.2	3.0		
1984	44.3	147.5	30.7											

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564.8 144.95  
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MEDIO	81.2	46.5	47.1	32.4	28.7	42.1	39.7	55.7	52.4	18.3	53.1	78.8	SUMA =	576.1
DESV.	58.27	44.65	38.07	29.90	25.46	38.73	27.57	36.26	46.51	21.11	50.42	66.58	-----	



ESTACION: -VIMBODI 020

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRÉ	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNTO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1955			33.9	95.9	33.6	8.2	4.3	86.4		46.3	130.9	75.5		
1956	26.4	22.7	66.8	15.6	11.8	119.5	65.7	111.9	44.7	4.2	29.5	63.4	584.9	36.34
1957	30.4	34.2		20.3	22.0	2.0	104.9	126.4	125.0		38.3	26.9		
1958	75.0	40.6	33.1	20.0	0.3	14.5	10.5	22.2	22.4	14.2	16.2	64.5	333.5	21.29
1959	51.3	58.8	131.2	1.3	17.9	24.2	10.8	30.0	14.5	73.8	19.9	113.7	547.4	40.04
1960	46.5	12.0	19.8	35.9	47.4	110.0	4.4	40.4	54.4	68.5	12.4	40.2	491.3	27.74
1961	115.3	20.6	131.8	27.8	0.0	9.3	14.5	64.3	23.3	4.5	79.2	87.7	578.3	43.73
1962	46.8	163.6	3.0	40.3	29.5	24.4	100.3	36.4	45.3	0.0	36.2	95.5	648.0	44.67
1963	120.0	132.8	11.0	52.9	22.0	12.3	54.7	22.9	2.0	24.4	36.0	145.6	636.6	48.67
1964	3.7	33.7	66.7	5.8	66.0	44.4	22.7	47.5	33.0	94.3	72.5	91.9	545.9	29.99
1965	18.1	111.1	191.3	18.7	24.0	16.2	40.3	23.5	25.5	1.0	30.4	127.9	628.0	56.05
1966	226.0	51.8	8.5	37.7	42.7	0.0		78.7	36.3	16.1	12.3	6.1		
1967	120.6	37.6	29.4	37.7	21.0	89.3	62.4	39.7	0.0	0.0	34.6	12.0	484.3	34.06
1968	64.0	228.9	0.0	0.0	32.4	50.0	49.5	70.0	96.2	4.0	66.4	11.5	639.9	64.23
1969	0.0	136.6	74.4	38.4	46.2	101.8	271.4	42.3	40.2	32.6	0.0	134.3	947.9	73.07
1970	123.3	54.8	40.2	37.4	0.0	23.3	7.6	156.6	19.7	17.5	29.5	0.0	509.6	46.77
1971	187.4	7.9	83.8	54.4	0.0	69.7	86.5	120.0	0.0	0.8	4.5	235.2	849.9	74.73
1972	81.4	158.0	122.7	71.9	39.4	56.8	55.0	119.3	134.0	24.8	72.9	151.5	1084.4	43.34
1973	46.2	49.4	12.9	10.7	00.0	5.2	33.2	20.8	77.3	32.5	25.5	63.6	377.0	22.86
1974	4.0	37.0	164.8	4.5	39.8	160.0	52.7	32.4	43.0	36.4	144.9	80.0	736.2	53.62
1975	14.5	4.5	0.0	37.5	63.9	63.7	18.5	102.0	82.6	7.5	59.0	51.3	505.0	31.97
1976	0.0	0.0	100.0	0.0	14.9	30.8	102.7	29.4	9.3	32.3	73.4	58.2	454.0	35.98
1977	76.6	6.9	136.0	94.0	12.0	29.0	106.2	126.0	40.4	28.9	24.0	14.3	694.0	45.16
1978	105.5	46.9	23.0	26.2	16.8	45.6	55.5	44.0	38.0	1.5	0.0	90.5	493.5	30.64
1979	13.5	0.0	49.7	150.5	11.2	34.9	57.6	31.0	45.6	0.0	9.9	8.3	412.2	39.80
1980	145.8	14.8	9.0	0.0	42.3	22.4	45.2	93.7	14.6	3.0	14.0	45.9	390.7	44.82
1981	10.2	89.0	0.0	18.7	34.3	19.4	74.0	33.4	137.7	4.3	24.6	63.5	505.5	39.45
1982	10.5	0.0	30.5	38.7	132.0	50.5	20.5	39.5	39.0	23.0	79.0	34.0	497.2	33.34
1983	157.0	99.0	0.0	0.0	19.2	2.3	11.0	50.5	0.0	56.0		0.0		
1984	10.0													

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580.4 469.87  
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MEDID	66.5	59.0	56.1	34.2	28.0	42.5	53.8	62.4	43.3	23.0	40.8	67.7	SUMA =	577.4
DESV.	60.53	58.20	54.70	33.49	26.54	39.45	52.88	39.75	38.93	24.48	33.24	54.48	-----	

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PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950			31.0				28.7	37.8		0.0	17.7	26.5		
1951	3.5	40.5	72.0	28.0	35.5	52.5	48.8	99.5	42.5	45.0	37.0	109.5	554.3	34.85
1952	118.5	65.0	27.0	17.0	41.0	45.5	26.0	97.0	19.0	116.5	0.0	22.0	594.5	38.82
1953	51.0	13.5	6.5	0.0	0.0	29.0	22.0	26.0	187.0	13.5	3.0	97.0	448.5	52.15
1954	61.0	6.0	66.5	13.0	41.0	76.0	37.0	96.0	56.0	30.5	4.7	7.0	494.7	29.06
1955	0.0	13.5	39.0	80.5	48.0	9.0	6.0	9.0	79.5	37.0	9.5	18.3	349.3	26.82
1956	59.0	32.0	62.0	18.0	5.5	116.5	58.0	49.0	52.0	12.0	17.5	103.0	584.5	33.33
1957	36.0	43.0	45.0	3.0	17.0	8.0	76.0	122.5	109.0	0.0	24.0	22.0	475.5	39.38
1958	99.0	30.5	17.0	25.0	0.0	23.0	23.5	9.0	19.0	11.5	9.0	16.0	282.5	24.13
1959	63.5	60.5	105.0	0.0	50.0	84.0	28.5	42.5	21.5	23.0	22.0	151.0	651.5	40.62
1960	96.5	22.0	71.5	31.0	70.5	132.0	1.0	25.0	136.5	50.0	8.5	54.0	698.5	43.16
1961	93.0	17.0	116.5	29.0	0.0	10.0	9.0	37.5	14.5	0.0	50.0	68.0	444.5	36.29
1962	54.0	57.0	4.0	54.5	32.5	37.5	73.5	72.0	65.0	6.0	39.0	80.0	575.0	23.86
1963	106.5	40.0	36.0	28.0	25.5	9.5	50.0	25.0	34.0	49.5	73.0	129.0	606.0	33.99
1964	4.0	38.0	39.5	8.0	62.5	44.0	1.5	56.5	44.0	8.0	57.0	61.0	424.0	22.56
1965	27.0	53.5	94.0	10.0	21.5	13.0	20.5	24.0	14.0	0.0	45.0	75.0	397.5	27.13
1966	232.0	33.0	12.0	39.0	36.5	0.0	31.0	61.0	25.0	8.0	0.0	14.0	491.5	60.10
1967	62.0	17.0	0.0	8.5	23.0	62.0	54.0	27.5	3.0	0.0	33.0	18.0	308.0	21.92
1968	65.0	70.0	0.0	0.0	22.5	30.0	38.0	39.0	92.0	1.0	36.0	35.0	428.5	27.66
1969	0.0	90.5	35.5	34.0	32.5	104.0	182.0	54.3	29.5	13.5	15.5	104.8	696.1	50.37
1970	103.0	84.3	27.5	31.8	0.0	28.0	8.0	153.5	41.0	0.0	17.5			
1971	170.0	19.5	67.0	30.5	2.0	48.0	59.0	108.5	20.0	20.0	21.0	148.0	713.5	52.43
1972	27.0	66.5	119.0	64.0	39.0	43.0	19.0	130.0	100.0	40.0	67.5	123.0	838.0	37.42
1973	57.0	42.5	19.0	6.0	0.0	21.0	26.0	2.3	43.0	6.0	18.0	3.0	243.8	17.89
1974	30.9	15.2	134.0	3.0	29.5	118.5	48.0	17.5	13.0	27.5	100.0	68.0	605.1	42.53
1975	45.0	8.5	4.5	32.0	30.0	74.0	28.0	67.5	75.5	9.0	35.0	98.5	474.5	30.26
1976	0.0	3.0	35.0	0.5	5.5	6.0	109.3	30.0	14.0	0.0	146.5	67.5	417.3	46.41
1977	66.0	16.0	101.5	81.0	8.5	30.0	96.5	100.0	45.5	48.0	34.0	10.5	637.5	33.58
1978	72.5	29.0	36.0	18.0	27.0	31.0	55.5	46.0	56.5	0.0	1.0	38.0	410.5	20.81
1979	25.5	0.0	54.5	112.5	10.5	38.5	41.0	39.5	49.0	1.5	9.5	13.5	395.5	29.93
1980	129.0	10.5	8.5	6.0	10.0	23.0	17.0	93.0	13.0	3.0	5.5	8.0	326.5	38.53
1981	40.5	90.5	0.5	21.0	43.5	20.0	54.0	45.5	102.0	6.0	46.5	59.0	492.0	30.76
1982	28.0	0.0	33.0	32.0	77.0	47.5	18.0	35.5	36.0	46.0	62.0	22.0	437.0	19.35
1983	108.5	119.0	1.5	0.0	37.0	12.5	17.0	8.0	59.0	1.0	32.0	5.0	400.5	39.77
1984	19.0													
													497.0	136.58
MEDIO	61.6	36.9	43.8	26.2	26.8	43.2	41.5	55.5	51.8	17.7	32.3	56.8	SUMA =	494.1
DESV.	51.32	29.80	38.18	26.19	20.62	34.55	35.17	38.18	39.95	23.66	30.57	44.36	-----	



ESTACION: -MONTBLANCH 0-22

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950		35.0	30.0	20.7	6.8	21.1	24.3	65.4	15.6	0.0	29.0	49.0		
1951	6.4	30.1	24.2	59.0	60.1	53.0	62.9	83.3	60.0	7.0	35.0	107.0	660.3	30.34
1952	115.3	74.0	28.0	29.0	0.0	58.9	44.1	109.9	25.1	107.7	11.0	23.0	626.0	38.85
1953	59.91	2.1	6.8	1.0	0.7	41.4	20.9	20.1	187.0	8.3	3.3	109.3	460.8	54.39
1954	95.4	20.3	102.0	11.0	24.7	105.5	44.0	71.8	63.0	74.8	4.7	12.0	629.2	36.07
1955	1.4	14.1	37.0	82.1	38.3	5.7	2.4	10.0	79.6	25.4	81.2	32.2	409.4	29.66
1956	57.9	26.5	65.3	20.9	2.5	134.2	51.5	106.4	67.3	0.0	22.7	115.2	670.4	42.43
1957	75.3	30.6	0.7	44.5	21.2	4.4	89.1	107.0	149.7	0.0	15.6	24.0	529.1	46.94
1958	77.0	30.1	36.7	29.8	0.8	25.1	15.4	13.1	34.5	10.4	17.6	10.6	301.1	18.87
1959	58.2	68.9	112.2	1.2	43.0	27.7	4.8	34.0	16.7	24.9	27.5	47.2	466.3	29.27
1960	49.8	7.5	44.8	27.1	50.1	114.6	2.0	24.1	108.9	68.2	4.3	54.1	555.5	35.64
1961	133.4	19.0	120.1	36.4	0.0	8.0	3.2	77.9	31.6	1.7	90.7	74.8	596.8	45.82
1962	66.2	81.7	1.2	47.5	41.0	53.6	20.7	65.8	48.1	3.4	34.1	96.2	559.5	27.81
1963	98.7	98.0	31.8	43.5	29.7	48.9	49.7	32.4	38.4	26.4	61.0	135.3	653.8	33.82
1964	5.6	33.9	35.9	15.4	92.1	44.2	3.9	27.7	73.4	11.3		81.7		
1965	33.1	83.6	120.5	11.3	30.5		35.7	31.6	12.2		64.7	133.3		
1966	172.9	55.3	9.6	37.2	53.4	11.1	41.5	46.8	45.3	24.6	34.0	29.0	560.7	40.59
1967	78.3	16.6	0.0	16.2	31.2	104.4	74.1	18.5	8.0	5.2	30.4			
1968	123.8	132.1	0.2	0.0	33.7	40.3	51.1	57.1	94.5	1.4	60.3	14.4	608.9	44.05
1969	0.2	95.6	69.1	44.1	69.1	100.9	235.3	49.7	43.4	44.5	6.3	116.8	845.0	61.19
1970	100.2	64.4	41.9	37.9	0.0	27.4								
1971				41.8	4.6		60.6	84.8	15.3	31.2	0.8	233.7		
1972	68.1	66.5		100.0	42.4	46.7	47.0	162.0	140.6	15.5	25.0	130.3		
1973	58.1	46.9	19.0											
1974		25.3	131.5	1.6	38.2	150.1	81.7	27.4	42.9	21.8	117.8	90.2		
1975	46.9	5.4	1.7	32.9	50.1	49.2	25.5	76.7	65.3	18.4	44.0	83.7	469.8	25.84
1976	0.2	5.0	47.6	4.1	5.9	9.5	114.8	40.6	2.3	7.3	83.9	86.4	407.6	38.71
1977	72.5	9.6	117.2		19.0	24.5	101.9	148.2	62.9	36.1	26.3	17.0		
1978	130.0	59.4	42.6	32.3	26.8	54.2	70.4	63.8	76.8	10.7	2.7	54.9	624.6	32.27
1979	13.0	0.0	51.2	199.1	17.6	46.0	63.0	36.4	93.3	1.9	11.2	58.9	591.6	52.67
1980	162.0	15.6	8.0	6.2	16.6	28.4	27.3	145.3	24.9	8.1	9.2	13.9	465.5	51.99
1981	10.4	98.1	1.1	17.5	19.1	31.1	84.3	57.1	212.2	5.8	31.3	61.8	657.1	55.68
1982		0.0	44.5	46.6	108.3		23.0	29.1	74.9	39.8		38.9		
1983	138.0	153.6	2.0	0.0	21.7	11.0	25.5	5.8	36.1	0.0	82.1	0.0	475.8	52.52
1984	6.6													

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557.6 113.50  
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MEDIO	67.3	45.3	45.5	33.4	31.2	48.4	50.0	60.3	63.1	19.7	35.6	68.8	SUMA =	568.5
DESV.	49.88	38.63	41.34	37.57	25.99	38.97	44.54	40.72	50.42	24.18	30.45	50.38	-----	

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ESTACION: -ROCAFORT DE QUERALT 024

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	4.0	24.0	36.0	14.4	8.5	20.8	30.3	37.2	12.2	0.0	12.3	18.4	247.5	14.47
1951	2.6	20.4	24.3	35.3	35.2	56.8	65.4	89.7	34.4	32.8	35.0	90.6	574.6	26.44
1952	90.0	75.5	33.4	14.4	28.2	41.0	31.0	95.7	26.5	110.2	2.5	16.0	564.4	34.50
1953	37.5	16.8	8.0	0.9	0.0	29.8	23.2	30.8	160.6	33.5	4.0	70.9	416.0	42.49
1954	46.2	6.0	69.5	11.5	22.9	57.6	30.3	102.3	37.8	20.7	6.9	12.2	423.9	28.04
1955	3.9	15.4	36.1	71.6	44.3	7.4	4.7	14.7	73.6	49.1	62.9	36.4	449.5	24.75
1956	33.0	38.3	54.0	18.5	5.2	105.3	58.2	40.0	64.3	22.7	26.8	71.1	537.4	26.26
1957	34.3	45.6	2.8	4.4	14.4	7.3	69.9	104.2	100.0	4.0	49.0	16.6	446.2	35.20
1958	105.5	37.1		24.3	0.3	23.7			16.7	16.1	18.9			
1959	59.3	67.9	119.0	0.7	45.4	81.4	22.0	33.4	17.5	55.2	106.4	160.0	767.3	44.39
1960		21.6	46.8	34.2	101.0	44.0	9.9	22.8	105.0	40.1	14.6	46.5		
1961	93.7	14.3	116.7	18.8	0.0	11.0	8.8	35.8	18.6	0.0	46.6	61.6	425.9	36.09
1962	43.9	65.4	6.4	47.0	40.4	35.9	59.7	74.6	34.4	10.4	25.8	86.2	529.8	23.24
1963	105.2	44.8	53.2	39.5	33.6	14.4	54.3	19.9	40.7	70.8	53.5	106.4	632.7	27.85
1964	6.7	45.7	46.6	11.2	65.5	58.3	2.2			7.7	60.4	62.4		
1965		49.4	82.8	14.2	22.4			19.5		2.1	47.9	88.0		
1966	179.3		13.8	39.2	36.0	8.5	44.7	70.9	35.9	12.8	10.5	10.9		
1967	54.6	22.6	0.0	23.9	18.7	43.9	52.8	28.9	9.8	0.0	4.5	30.2	289.9	18.23
1968	59.8	60.6	0.0	0.0	26.8	24.9		59.5	85.0	5.8	21.6	11.5		
1969	4.4	140.6	41.4	23.5	36.5	94.2	200.2	77.4		56.6	11.4			
1970	79.5	61.7	33.0	38.7	0.0	22.4		136.4	20.8		20.6			
1971	147.4	20.2	63.2	25.4	1.8		64.4	111.7	25.4	3.7	17.9	114.6		
1972	23.8	64.8	138.6	68.8	26.3	63.0	35.4	133.5	99.7		56.7	18.7		
1973	44.8	23.9	18.7	9.5	1.9	8.4	25.0	19.2		32.8		26.5		
1974	4.9	2.7	158.1	4.9	31.0	142.8	41.8	18.3	14.8	30.9	102.9	104.4	624.2	50.72
1975	24.4	42.3	3.4	39.3	27.8	53.0	24.5	89.6	102.2	14.7	46.7	49.9	484.5	29.07
1976	2.8	8.5	33.4	8.4	9.0	5.9	87.0	48.2	44.7	2.5		101.6		
1977	59.3	24.4	119.3	76.5	12.8	34.3	90.2	124.0	43.2	58.9	27.2			
1978	65.0	35.6	39.2	26.0	31.6	54.8	71.7	54.0	60.3	4.5	0.0	38.5	478.2	21.47
1979	26.7	0.2	63.4	123.4	12.4	41.4	44.6	45.7	73.8	8.3	11.1	14.3	464.7	33.75
1980	144.5	13.2	10.6	9.0	15.6	30.7	20.7	88.9	9.9	14.4	5.4	17.4	379.4	40.19
1981	49.6	88.8	2.3	22.4	49.9	46.4	57.6	30.4	94.7	6.6				
1982	0.0	0.0	37.8	47.5	79.9	54.7	16.4	34.3	31.3			54.4		
1983	102.9	96.0	4.6	0.0	29.5	16.2	20.0	8.3	47.9	4.7	70.0	14.3	444.4	35.03
1984	23.4													
													476.6	122.63
MEDIO	52.3	37.2	47.4	27.8	26.9	40.0	45.5	59.0	54.2	23.4	31.6	53.3	SUMA =	495.7
DESV.	46.30	28.56	42.45	25.97	22.74	28.34	37.09	37.30	36.49	25.56	27.79	38.90	-----	



ESTACION: -VALLS 034

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	1.0	38.0	36.0	17.1	2.9	17.4	31.7	70.1	11.1	0.0	141.5	60.5	427.3	38.57
1951	7.1	4.5	83.3	40.0	23.0	55.0	50.0	96.0	27.0	7.0	32.0	93.0	547.9	34.59
1952	72.0	83.0	30.0	19.4	27.5	62.5	32.2	81.5	84.4	42.1	5.5	80.9	624.0	27.42
1953	55.5	18.6	7.5	0.5	0.0	34.5	18.8	16.8	142.5	14.5	24.6	84.5	418.3	39.78
1954	72.5	15.1	73.9	8.2	20.6	74.3	52.7	114.8	71.0	23.3	14.0	17.1	557.5	33.02
1955	4.6	14.1	49.3	69.3	57.7	5.8	6.6	18.4	76.4	55.0	75.2	63.2	495.6	27.75
1956	55.3	48.3	52.9	14.0	2.2	86.0	68.3	62.4	50.1	65.6	40.0	130.0	675.1	31.20
1957	42.4	34.7	40.3	4.0	20.3	5.6	94.3	142.6	86.5	2.3	48.2	46.8	442.0	36.75
1958	153.2	28.4	27.1	35.5	0.0	24.2	20.7	18.9	24.2		46.3	38.5		
1959	49.7	73.5	105.9	2.5	52.6	130.5	15.0	50.7	17.4	8.2	67.9	214.7	788.6	58.44
1960	101.5	6.1	63.4	38.5	39.5	120.1	6.6	33.1	190.8	35.4	4.0	50.5	689.5	52.89
1961	62.8	17.0	95.2	44.1	0.0	6.3	17.7	68.4	39.5	0.0	52.8	117.2	521.0	36.24
1962	72.7	53.5	2.8	37.4	52.7	23.4	74.5	86.2	24.9	6.8	31.3	170.5	636.7	43.58
1963	129.6	35.8	36.0	31.9	23.5	14.2	32.8	40.0	34.4	20.3	84.5	169.2	643.2	46.49
1964	74.4	31.4	49.7	18.0	53.0	33.9	7.3	25.4	62.0	14.3	129.6	63.6	562.6	32.26
1965	13.0	49.7	103.8	28.3	23.2	17.8	30.3	52.2	2.5	19.2	87.8	43.8	471.6	29.13
1966	301.2	30.5	25.0	31.5	58.0	7.0	18.0	28.5	9.3	41.5	24.1	26.1	600.7	76.82
1967	76.2	9.5	0.0	14.6	35.0	55.0	93.6	18.5	13.0	0.0	86.3	86.5	488.2	35.00
1968	83.8	91.2	2.0	0.0	35.2	31.6	51.5	56.2	139.2	4.0	96.2	9.6	600.5	42.90
1969	0.0	90.0	87.8	56.6	29.5	165.3	220.5	53.0	83.2	9.5	40.5	249.0	1054.9	72.48
1970	82.2	60.5	35.7	39.8	0.0	21.0	1.3	75.0	14.0	0.5	11.5			
1971	114.8	28.0	41.0	25.0	10.0	43.5	20.5	39.5	16.0	2.0	24.0	120.5	484.8	36.53
1972	49.5	29.5	77.0	47.0	29.5	36.5	34.5	159.0	81.5	28.0	79.0	138.5	789.5	41.87
1973	48.5	10.5	18.5	8.5	0.0		20.0	10.5		28.5	8.0	21.0		
1974	0.0	27.0	78.0	3.0	30.5	102.0	45.0	26.0	11.0	16.8	68.5	91.5	499.3	33.60
1975	19.0	0.0	2.0	24.0	19.0	39.5	35.0	94.3	54.7	13.0	84.0	149.5	492.0	36.28
1976	2.5	3.0	26.3	4.0	7.0	8.0	107.0	27.5	4.0	2.0	155.5	73.0	419.8	48.20
1977														
1978														
1979											35.2	9.2		
1980	162.9	11.3	8.1											
1981														
1982				17.5	72.5	13.0	19.5	28.5	31.6	4.1	60.0	43.7		
1983	108.5	37.5	0.0	0.0	27.0	15.0	9.0	13.6	24.9	1.5	51.9	0.0	288.9	29.94
1984	10.0													
													567.5	151.98
MEDIO	67.5	33.7	42.4	23.4	25.9	44.5	42.5	54.3	50.8	16.6	55.8	81.8	SUMA =	539.1
DESV.	62.35	25.46	33.18	18.05	20.31	41.26	43.36	35.82	46.06	17.35	39.43	59.10	-----	

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ESTACION: -CABRA DEL CAMPO 036

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1955				67.4										
1956														
1957														
1958														
1959		25.8	116.5	1.5	44.4	93.3	33.2	50.8	20.0	22.2	13.3	185.5		
1960	93.8	31.3	51.4	31.0	57.9	128.5	7.0	27.6	104.9	31.5	5.5	73.8	644.2	37.58
1961	88.0	25.8	111.1	32.6	0.0	9.5	9.7	79.6	14.3	0.3	78.4	117.0	566.3	42.48
1962	50.0	56.5	3.3	54.4	32.7	40.2	92.3	82.4	29.9	4.3	25.8	104.7	570.5	30.47
1963	107.6	41.3	37.9	31.4	31.0	22.8	45.2	32.5	93.2	41.1	80.4	150.4	714.8	37.82
1964	62.6	50.7	104.3	15.2	69.5	43.9	2.9	65.9	40.0	20.7	109.1	46.0	630.8	31.09
1965	29.0	56.7	111.1	19.5	20.9	20.9	27.2	27.5	13.7	7.9	77.3	114.3	526.0	35.80
1966	212.2	28.6	18.1	42.0	56.3	8.5	32.2	55.6	43.0	9.7	64.7	10.9	584.8	52.72
1967	53.0	10.0		10.7	32.2	69.3	63.5	47.5	17.4	0.0	41.3	15.6		
1968	93.0	85.5	0.0	0.0	37.9	43.6	39.2	67.9	108.8	0.0	109.5	141.6	727.0	45.90
1969	1.4	115.5	48.1	53.5	48.4	117.8	212.2	64.9	38.3	13.0	27.0	170.8	910.9	62.16
1970	141.5	71.4	26.2	47.4	0.0	37.0	12.0	145.3	43.0	2.9	0.0			
1971	200.7	28.0		0.0	0.5	7.0	25.5	76.5	48.0	14.5	31.0	290.0		
1972	51.0	0.0	63.0	10.0	7.0	57.0	35.0	155.0	104.0	19.0	61.0	100.0	662.0	44.34
1973	31.5	29.0	30.0	10.0	0.0	00.0	10.0	10.0			00.0	50.0		
1974	2.0	24.0	160.0	5.0	22.0	143.0	70.5	17.0	12.0	27.0	92.0	117.0	691.5	54.45
1975	20.0	00.0	0.0	41.0	22.5	32.0	50.0	78.0	75.0	26.0	76.8	95.0	516.3	30.56
1976	00.0	7.0	33.0	2.5	0.0	1.0	73.0	40.0	0.0	12.0	95.5	99.5	363.5	36.77
1977	90.0	15.0	91.0	76.0	1.0	4.0	47.0		18.0					
1978														
1979														
1980														
1981														
1982														
1983														
1984														
													----- 623.5	125.47 -----
MEDIO	73.7	37.0	59.1	27.4	25.5	46.3	46.7	62.4	44.1	14.8	54.9	110.5	SUMA =	602.5
DESU.	60.73	29.19	46.64	22.87	22.13	43.48	45.80	37.76	35.38	11.72	36.39	65.43	-----	



ESTACION: -ALCOVER 037I

PRECIPITACIONES  
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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1974						142.9				14.3				
1975		5.0												
1976				5.0			75.0	64.0				94.5		
1977	78.5		92.5	83.5	16.0	32.0	100.0	116.5	32.0	34.5	23.1	9.5		
1978	70.0	60.5	53.0	22.0	16.0	59.0	87.5	49.5	51.5	2.0	00.0	74.5	545.5	27.55
1979	26.0	00.0	82.0	234.5	29.0	56.0	49.0	20.5	63.5	2.0	26.0	00.0	588.5	61.26
1980	220.5	11.0	3.5	00.0	19.5	34.0	45.0	177.5	46.5	1.0	14.0	36.5	609.0	68.68
1981	3.5	84.6	8.0	25.5	66.5	26.0	89.5	38.0	156.0	4.5	25.5	75.5	603.0	43.64
1982	12.5	0.0	33.5	102.5		29.5	25.0	31.5	38.0	13.5	69.0	34.0		
1983		59.5		0.0	32.0	14.0	11.5	6.5	36.5	2.5	81.5	0.0		
1984	25.5	161.0	63.5											
													586.5	24.82
MEDIO	62.4	47.7	48.0	59.1	29.8	49.2	60.3	63.0	60.6	9.3	34.2	40.6	SUMA =	564.1
DESV.	69.65	52.70	32.05	75.55	17.51	38.10	30.36	53.35	40.18	10.74	27.50	34.64	-----	

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ESTACION: -LA SELVA DEL CAMPO 038

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1953									62.3	16.4	53.0	65.4		
1954	96.7	24.6	78.2	7.9	21.8	85.3	45.6	95.3	74.4	31.4	9.0	26.7	593.9	32.70
1955	12.9	22.9	43.8	52.5	66.8	4.9	4.6	22.5	86.6	29.2	50.2	197.0	593.9	50.55
1956	88.7	31.2	56.5	14.2	0.6	103.4	84.7	58.3	72.9	46.9	46.3	185.4	789.1	46.22
1957	114.1	31.1	2.0	6.4	14.1	4.6	107.0	181.7	140.2	2.1	15.4	18.4	637.1	61.32
1958	76.4	32.4	39.8	43.6	0.3	34.0	24.1	8.6	20.1	7.8	32.0	25.2	344.3	19.21
1959	64.1	94.9	145.3	2.9	79.3	139.1	26.3	48.7	28.9	7.2	42.3	212.4	891.4	60.90
1960	143.6	5.1	50.7	48.2	38.0	144.4	9.2	62.8	186.6	36.4	7.6	68.0	737.6	50.99
1961	100.1	16.1	93.3	48.2	0.0	11.2	12.8	115.7	38.9	1.1	48.9	88.2	574.5	39.96
1962	68.0	58.5	2.8	38.0	59.3	36.1	73.9	66.1	27.8	8.0	44.1	156.3	638.9	38.02
1963	152.4	43.8	34.5	57.2	32.6	8.2	38.7	19.2	25.7	15.9	79.9	126.0	634.1	43.08
1964	11.2	34.4	48.7	16.1	60.9	43.1	2.1		108.1	25.6	137.8	20.6		
1965	22.6	91.8	108.3	35.8	31.2	22.8	23.9	29.1	10.9	12.9	112.2	145.0	646.5	44.65
1966	228.4	27.9	48.4	42.3	72.6	3.6	34.4	20.9	11.1	39.5	48.1	22.4	539.3	57.82
1967	60.1	16.5		18.7	45.0	69.0	74.2	25.2	0.0	0.0	58.7	11.6		
1968	99.0	143.8	0.0	0.0	29.1	27.6	50.2	85.1	152.9	5.2	80.2	41.7	714.8	50.70
1969	0.0	80.4	96.7	62.8	38.8	115.4	223.2	49.3	50.6	1.4	40.7	181.4	940.7	64.69
1970	123.9	63.8	53.5	44.2	0.0	21.9	11.6	92.2	59.1	8.9	16.9			
1971	158.0	42.1	68.7	31.9	2.1	68.8	38.2	88.5	46.5	8.1	3.6	178.0	734.5	54.37
1972	71.5	62.1	82.8	96.3	44.0	57.1	50.0	136.0	135.7	32.4	101.3	244.8	1084.0	49.36
1973	73.5	32.9	13.0	20.7	2.6	13.4	34.4	25.4	48.9	33.2	12.6	53.1	363.7	19.46
1974	0.0	43.0	95.5	4.7	17.2	161.7	82.5	74.3	13.6	15.6	82.4	52.8	643.3	45.90
1975	20.4	0.0	0.0	22.7	22.7	49.8	40.7	124.4	92.2	0.0	105.6	125.9	604.4	46.65
1976	0.0	8.5	50.4	5.3	2.6	15.0	69.2	39.3	0.0	20.5	233.3	75.3	519.4	62.75
1977	58.8	10.0	93.2	93.4	8.7	38.4	108.3	122.0	35.9	44.9	26.5	6.1	646.2	39.13
1978	63.2	70.1	54.9	28.0	47.9	65.6	74.4	72.0	37.6	0.0	2.2	72.1	554.9	26.88
1979	15.8	0.0	22.5	238.0	40.6	43.4	61.3	48.3	27.1	0.0	35.9	9.1	542.4	60.98
1980	185.4	8.9	4.4	6.7	40.5	36.3	52.7	99.2	74.8	0.0	23.9	20.3	553.1	50.97
1981	0.0	91.8	0.0	20.6	56.2	22.8	85.3	46.0	150.2	4.1	23.2	51.0	551.2	43.13
1982	0.0	0.0	30.0	24.2	105.6	35.7	26.7	48.1	46.9	11.8	78.3	31.5	438.8	29.37
1983	153.2	60.8		0.0	42.2	11.2	11.8	0.0	24.5	2.8	120.3	0.0		
1984	30.5													
													635.1	160.23
MEDIO	73.0	41.5	49.5	37.7	33.1	48.7	52.7	65.7	61.0	15.1	56.2	82.7	SUMA =	617.0
DESU	59.53	33.94	38.46	44.62	26.73	41.20	43.44	42.25	48.54	14.50	48.75	68.95	-----	



ESTACION: -CASAFORT NULLES 039

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	3.0	38.3	37.5	14.1	2.2	19.5	23.2	52.8	20.5	0.0	145.6	55.7	412.4	38.01
1951	11.6	3.3	79.6	32.9	35.3	63.0	63.5	86.5	33.4	40.5	62.0	95.6	576.9	29.93
1952	117.8	86.9	33.5	25.3	27.8	56.0	34.6	65.4	39.5	34.3	6.1	78.5	605.7	30.19
1953	70.9	25.7	13.2	1.6	0.0	33.5	20.1	20.9	112.2	13.4	40.3	79.6	401.4	33.68
1954	71.2	14.7	72.5	11.0	27.8	68.0	51.4	108.2	62.9	43.5	16.1	21.3	568.6	28.91
1955	3.8	10.8	56.4	59.7	49.6	17.9	5.0	16.0	58.1	39.8	77.8	71.8	466.7	25.75
1956	92.4	81.5	39.3	14.3	3.0	65.3	68.3	68.0	42.6	28.5	33.7	96.8	633.7	29.10
1957	40.2	43.8	8.4	5.8	40.4	4.7	72.7	146.5	95.7		31.8	27.5		
1958	153.9	26.2	23.3	32.7	0.0	32.9	14.6	42.2	23.2	14.2	4.2	42.4	409.8	38.32
1959	70.8	80.7	101.3	2.0	50.2	139.1	12.7	36.2	18.6	12.6	114.9	165.8	804.9	51.91
1960	88.8	7.0	52.2	47.1	32.9	70.9	19.0	48.1	156.6	39.1	1.5	60.6	623.8	39.75
1961	69.4	18.7	90.7	45.0	0.0	7.3	28.2	69.6	31.1	1.5	45.2	154.0	560.7	42.47
1962	119.7	56.8	4.0	56.0	42.0	20.5	64.8	61.8	29.3	1.0	33.6	114.0	603.5	35.99
1963	107.3	35.8	32.4	24.6	24.6	9.8	33.9	22.8	34.4	33.7	89.0	239.1	687.4	61.44
1964	11.0	31.2	51.4	11.0	47.9	32.0	7.5	20.9	26.5	6.3	101.7	73.3	420.7	27.95
1965	28.6	34.8	91.1	20.9	24.0	14.7	24.2	35.2	8.0	23.0	121.5	68.0	494.0	32.95
1966	254.3		20.9	31.0	43.0	8.0	18.5	30.0	9.0	48.2	52.3	16.0		
1967	71.0	11.0	0.0	5.5	31.4	45.5	58.0	22.3	6.0	0.0	46.4	64.7	361.8	25.13
1968	67.5	66.1	0.0	0.0	34.2	21.8	30.3	52.1	113.3	1.5	128.3	7.8	522.9	41.61
1969	1.2	65.5	77.0	45.5	27.0	125.5	173.1	50.5	62.2	7.0	35.0	154.5	824.0	53.01
1970	65.0	81.5	37.0	30.0	0.0	23.0	7.8	88.5	21.5	2.0	31.0	0.0	387.3	29.56
1971														
1972														
1973									38.8				35.4	
1974														
1975														
1976														
1977														
1978														
1979														
1980														
1981														
1982														
1983														
1984														
													545.6	131.44
MEDIO	72.4	41.0	43.9	24.6	24.4	41.9	39.6	53.1	47.4	18.0	56.6	78.3	SUMA =	541.1
DESV.	58.16	27.07	30.98	17.92	17.46	36.00	36.54	28.25	38.43	16.20	43.31	57.24	-----	

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ESTACION: -TARRAGONA 042

PRECIPITACIONES

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ANNOS	OCTBRE	NOV8RE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	1.5	30.0	27.4	18.8	2.3	18.5	25.2		2.2					
1951				35.0				82.0	37.0	0.0				
1952					1.0				17.0					
1953														
1954														
1955														
1956				5.0	7.0	71.0	113.0	73.0	57.0	18.0	34.0	132.6		
1957	67.0	24.0	8.0	5.0	9.0	2.0	72.0	141.0	82.0	0.0	17.0	44.0	474.0	41.60
1958	189.0	33.0	32.0	29.0	0.0	30.0	16.0	9.0	32.0	9.0	3.0	23.0	405.0	48.21
1959	83.0	76.0	102.0	2.3	90.6	71.8	7.5	34.0	19.6	24.8	48.2	165.4	725.2	45.19
1960	86.4	22.8	19.2											
1961				39.5		4.5	10.5	64.5	6.5	1.0	41.5	134.0		
1962	177.0	65.0		36.0	57.0	22.0	50.0	64.3	40.8	12.4	17.1	136.7		
1963	168.4	26.8	22.7	25.0	22.2	6.0	22.3	19.0	26.2	27.0	67.4	174.7	607.7	55.74
1964	12.9	22.0	30.4	8.0	43.5	23.7	3.6	10.2	10.4	8.9	90.1	60.3	324.0	24.04
1965	57.2	50.6	106.5	17.9	15.3	15.4	17.8	19.4	7.5	8.8	47.6	18.9	382.9	27.69
1966	176.0	19.9	14.8	30.0	34.4	6.5	25.5	14.0	25.6	69.0	59.2	34.4	509.3	43.83
1967	74.3	9.0	0.1	12.9	32.9	50.9	35.8	8.6	5.9	0.2	86.1	82.9	399.6	31.37
1968	89.1	134.5	0.5	00.0	25.9	32.6	46.0	32.1	116.4	1.2	82.9	17.9	579.1	44.45
1969	0.3	62.8	69.1	41.0	26.0	86.6	157.8	36.3	37.6	20.5	51.1	133.8	722.9	44.34
1970	131.3	61.1	41.5	24.9	0.0	11.8	4.5	45.2	22.4	2.5	18.7	3.1	367.0	35.54
1971	100.4	48.7	42.4	20.0	10.1	36.2	40.1	68.1	38.0	19.3	10.0	155.8	589.1	40.39
1972	55.3	58.9	74.5	50.8	14.7	24.1	25.7	90.5	59.8	17.4	30.6	175.6	677.9	42.49
1973	62.5	33.3	29.4	8.0	00.0	8.5	28.3	6.2	42.6	4.2	8.8	35.6	267.4	18.42
1974	4.2	26.2	55.4	3.5	12.6	108.9	56.0	22.2	11.5	11.5	45.3	83.0	440.3	32.25
1975	47.1	2.2	1.1	14.2	42.3	42.6	31.8	58.1	25.4	3.5	53.3	146.0	437.6	38.34
1976	0.2	12.7	21.2	3.4	11.4	3.5	68.6	65.9	2.7	75.9	129.9	38.5	433.9	39.00
1977	41.0	1.6	54.3	55.9	7.0	32.7	67.3	89.9	42.7	58.1	25.1	10.3	485.9	25.41
1978	54.3	52.2	37.7	22.8	20.6	49.0	65.0	64.0	72.3	7.6	00.0	50.3	495.8	22.53
1979	28.6	12.6	46.3			19.4	39.0	11.6	50.4	2.6	13.0	35.7		
1980	213.8	10.6	0.6	1.3	34.6	34.1	20.3	109.5	61.9	5.2	22.9	7.0	521.8	59.39
1981	5.5	81.6	0.2	37.7	36.9	12.6	33.3	34.7	109.6	2.8	8.4	36.3	399.6	31.68
1982	7.8	00.0	25.3	22.1	79.3	27.0	35.9	42.5	16.1	2.2	77.7	44.8	380.7	25.05
1983	194.5	26.4	0.8	0.0	30.6	4.0	7.6	2.2	18.0	1.6	45.1	21.6	352.4	51.66
1984	22.6	121.2	17.2											
													477.2	121.77
MEDIO	76.8	40.2	32.6	20.4	23.6	30.6	40.2	47.1	36.6	14.8	42.0	74.2	SUMA =	479.0
DESV.	66.26	33.10	28.91	15.73	22.61	26.40	33.31	34.50	29.02	19.98	31.14	57.80	-----	



ESTACION: -SALOMO 054

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	0.0	37.0	45.0	18.5	0.0	18.1	24.0	60.9	5.0	0.0	121.7	36.4	366.6	33.30
1951	22.3	0.0	68.7	44.3	33.2	83.7	64.7	78.5	49.4	14.0	64.5	146.6	608.9	33.04
1952	89.0	73.3	46.7	40.0	28.7	43.0	33.8	35.6	34.2	11.0	14.0	131.0	580.3	32.59
1953	56.5	35.6	14.5	0.0	0.0	44.0	19.0	22.3	123.3	9.3	20.0	80.8	425.3	34.89
1954	126.5	9.0	53.0	1.0	30.7	56.2	61.5	106.0	47.5	53.5	4.1	63.3	612.3	36.44
1955	7.0	9.3	61.0	72.8	54.0	14.3	5.3	18.3	57.7	28.3	53.6	74.0	455.6	25.53
1956	174.8	52.2	47.6	20.2	5.0	71.2	67.9	50.3	40.0	11.8	34.9	82.1	655.0	42.75
1957	54.2	56.2	0.0	7.0	42.4	4.4	70.3	137.9	46.7	9.5	20.5	66.7	483.5	38.34
1958	89.0	24.0	27.9	40.0	0.0	31.5	15.0	0.0	18.3	12.2	0.0	5.5	263.4	23.85
1959	95.0	99.0	109.1	0.0	45.5	90.0	12.0	55.0	14.0	5.0	30.0	152.5	707.1	47.24
1960	79.2	28.5	29.3	54.0	27.0	57.0	3.5	21.0	104.5	24.5	0.0	55.5	484.0	29.40
1961	80.8	24.3	83.5	55.8	0.0	12.5	13.5	9.0	0.0	0.0	44.5	104.3		
1962	67.5	85.0	0.0	60.5	50.5	28.9	53.1	73.4	23.3	1.4	26.8	120.2	590.6	33.76
1963	87.8	37.4	24.9	47.3	20.6	8.7	27.0	45.5	37.5	47.0	56.4	208.0	587.8	52.23
1964	10.4	33.9	48.0	4.5	60.2	34.7	7.3	20.2	20.0	0.0	65.2	73.7	378.1	24.22
1965	32.3	43.5	87.7	10.4	15.3	20.8	26.7	30.4	20.5	1.2	212.4	48.0	548.6	54.60
1966	235.5	20.8	20.4	32.8	39.4	12.8	15.0	28.0	14.6	34.2	48.0	17.0	518.5	58.94
1967	72.4	17.2	0.0	10.5	26.0	42.9	30.7	11.6	6.0	0.0	35.2	75.0	327.5	24.50
1968	93.0	96.5	0.0	0.0	41.3	27.5	47.0	28.0	108.0	1.2	52.0	0.0	494.5	38.09
1969	0.0	82.5	94.2	44.5	38.8	80.0	174.5	46.0	37.0	12.0	19.0	179.0	804.5	55.94
1970	111.0	53.0	55.5	36.5	0.0	19.0	15.5	88.0	37.0	0.0	33.5			
1971	112.0	51.0	83.5	7.0	0.0	64.5	39.5	35.0	39.5					
1972														
1973														
1974			85.5	4.0	20.0	142.5	50.5	21.5	13.5	4.0	50.0	73.5		
1975	20.5	3.5	4.0	24.0	14.5	46.5	46.5	66.5	29.5	5.0	76.5	150.5	487.5	40.39
1976	0.0	10.0	29.0	0.0	10.0	1.5	80.0	35.0	6.0					
1977														
1978														
1979														
1980														
1981														
1982														
1983														
1984														
													519.0	128.19
MEDIO	71.4	40.9	44.6	24.1	23.0	42.2	40.2	45.2	36.5	12.4	47.0	87.0	SUMA =	514.5
DESV.	56.37	28.64	32.37	21.68	18.53	32.35	35.18	32.30	31.29	14.90	44.48	52.89	-----	

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ESTACION: -TORREDEMBARRA OSS

PRECIPITACIONES

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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950		29.0	54.0	18.4	3.0	18.2	35.4	56.0	3.5	0.0	43.9	42.9		
1951	39.4	0.0	64.8	30.6	36.9	80.7	60.8	64.0	13.1	0.0	64.4	205.5	653.4	52.03
1952	177.3	58.2	29.0	30.3	27.7	52.3	16.0	28.6	46.0	12.0	76.0	22.7	576.1	42.87
1953	62.0	28.0	2.0	0.0	0.0	42.6	41.7	25.5	50.0	0.0	43.1	67.3	362.2	23.79
1954	139.4	0.0	21.3	0.0	17.5	104.1	104.8	149.6	72.0	40.5	6.8	98.7	714.7	51.75
1955	8.8	6.5	75.0	78.4	57.4	11.0	0.0	17.1	51.3	29.2	38.5	74.2	447.4	27.97
1956	97.5			7.6	6.9	52.7	63.8	38.1	26.2	26.1	40.9	105.6		
1957	52.5	63.4	3.6	3.4	6.4	3.1	59.9	117.8	55.6	17.2	11.5	36.4	430.2	33.76
1958	162.4	31.5	32.6	29.5	0.0	26.7	10.6	2.0	25.2	7.0	7.5	21.5	356.5	41.57
1959	44.0	107.9	81.5	2.0	35.7	83.7	9.2	52.9	24.3	13.7	45.8	162.7	663.4	44.78
1960	72.1	9.8	38.2	60.4	22.6	35.1	12.3	14.0	64.0	49.9	1.6	46.7	426.7	22.53
1961	84.1	11.0	77.3	72.0	0.0	9.9	14.5	68.0	10.5	0.5	37.3	82.8	467.9	33.42
1962	55.6	83.6	2.9	48.1	48.2	39.4	53.8	79.8	18.9	31.5	18.7	139.7	620.2	35.00
1963	124.6	36.4	23.2	27.7	24.7	17.3	32.6	17.3	53.6	16.0	95.9	291.8	760.3	76.20
1964	15.6	45.4	50.6	10.2	49.7	41.1	10.9	27.4	10.7	12.4	76.3	82.6	432.9	24.65
1965	73.9	58.7	127.2	15.7	31.4	11.0	24.5	20.3	13.2	1.5	72.3	27.9	477.6	34.91
1966	159.8	27.6	23.3	38.6	36.1	8.6	40.5	24.7	24.7	48.2	46.0	16.4	494.5	37.53
1967	80.6	10.5	0.0	15.5	29.5	44.3	18.8	18.5	3.5	0.4	77.1	135.8	434.5	39.83
1968	97.7	104.3	0.5	0.0	48.7	49.9	29.9	37.7	108.5	0.5	79.7	11.1	568.5	39.70
1969	4.0	84.4	103.4	49.1	28.7	97.8	194.1	45.4	38.7	16.0	37.5	123.8	816.9	52.23
1970	252.1	43.5	58.7	27.4	0.0	19.5	26.5	83.4	36.4	0.6	38.1			
1971	169.1	57.5	68.3	24.9	4.0	51.4	36.4	57.4	34.6	16.2	26.2	166.2	712.2	51.61
1972	65.6	94.6	113.1	69.4	19.3	38.1	50.0	128.3	71.8	18.7	39.1	197.2	905.2	49.40
1973	63.6	47.6	21.5	10.6	1.2	19.5	35.9	7.5	49.5	5.8	4.5	62.0	329.2	22.23
1974	6.3	29.8	81.2	4.5	26.7	150.1	72.8	69.7	17.5	12.0	80.4	111.0	662.0	44.40
1975	36.2	0.7	1.0	22.9	48.6	68.7	49.0	82.9	25.8	15.2	56.4	300.9	678.0	77.70
1976	26.9	33.6	34.4	9.3	13.1	1.5	73.8	27.4	1.7	150.3	144.3	54.0	570.3	48.92
1977	129.2	3.7	69.1	90.8	16.0	33.1	89.5	117.8	41.5	81.2	26.6	8.4	706.9	41.25
1978	58.5	50.9	51.8	24.6	21.7	65.1	64.0	19.4	75.7	5.5	2.5	28.7	468.4	23.79
1979	34.1	00.0	48.3	170.2	22.7	16.1	46.0	48.7	11.0	8.1	26.1	16.8	448.1	42.96
1980	82.4	15.4	0.4	4.5	44.9	42.4	28.0	99.9	61.3	6.8	9.3	23.8	419.1	30.88
1981	11.2													
1982														
1983														
1984														
													557.3	148.19
MEDIO	80.1	39.0	45.2	32.1	22.5	43.1	45.4	53.1	36.8	20.7	44.2	90.8	SUMA =	553.1
DESV.	58.73	31.47	35.14	35.20	16.53	33.09	36.63	38.07	25.23	29.69	31.92	78.17	-----	



ESTACION: -CASTELLVI DE LA MARCA 067

PRECIPITACIONES

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ANOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	4.7	31.7	48.0	15.5	2.8	16.8	62.4	80.7	18.0	0.0	95.8	92.1	468.5	34.14
<del>1951</del>	<del>14.4</del>	<del>4.5</del>	<del>76.4</del>	<del>32.5</del>	<del>60.3</del>	<del>87.7</del>	<del>64.7</del>	<del>93.3</del>	<del>31.4</del>		<del>103.5</del>			
1952	151.4	66.1	34.7	30.0	25.4	51.9	11.8	73.6	30.9	69.5	1.2	127.3	673.8	43.25
1953	107.0	36.5	24.0	0.0	1.3	46.3	11.6	38.5	12.07	5.8	54.0	112.9	450.0	36.62
1954	104.1	1.6	51.0	7.3	40.9	97.7	55.6	120.6	46.4	35.3	2.5	31.5	594.5	37.96
1955	6.3	7.4	65.4	85.3	57.0	38.3	8.0	3.5	79.3	28.4	107.4	86.0	572.3	35.56
1956	116.6	45.6	49.8	8.6	5.6	113.5	93.4	45.7	30.5	8.7	43.1	74.0	635.1	37.28
<del>1957</del>	<del>92.7</del>	<del>57.7</del>	<del>2.7</del>		<del>31.0</del>	<del>8.3</del>	<del>74.0</del>	<del>133.7</del>	<del>61.5</del>	<del>47.3</del>	<del>84.8</del>	<del>24.2</del>		
1958	148.3	46.4	64.8	41.8	0.0	41.4	24.9	39.6	31.4	18.8	0.0	1.2	458.6	38.52
1959	47.6	126.9	142.9	0.7	59.7	129.0	14.2	42.0	20.2	4.3	52.0	282.3	921.8	77.98
1960	177.2	13.0	58.0	43.1	49.5	81.5	38.0	12.4	121.2	63.9	47.5	109.4	814.7	45.80
1961	128.7	22.3	114.0	42.8	0.0	14.7	17.8	49.4		19.0	67.0	75.2		
1962		63.8	1.9	57.0	51.2	58.0	58.0	59.0	26.4	20.5	15.7	155.7		
<del>1963</del>	<del>106.8</del>	<del>98.6</del>		<del>63.4</del>	<del>30.5</del>	<del>40.9</del>	<del>42.2</del>	<del>23.5</del>	<del>45.1</del>	<del>78.7</del>	<del>73.4</del>	<del>160.5</del>		
1964	12.0	76.7	67.6	11.0	69.0	55.5	20.5	27.6	28.7	0.0	45.8			
1965	26.2	49.9	84.2	13.5	41.0	18.8	37.6	20.2	18.6	13.8	59.5	44.1	427.4	20.62
1966	207.6	37.1	22.8	44.2	60.5	15.6	27.4	45.0	26.9	77.9	12.2	52.7	629.9	50.23
1967	101.4	19.8		14.1	28.7	63.0	71.0	25.3	23.8	0.0	58.9	85.4		
1968	106.0	105.2	6.5	0.0	44.0	50.3	47.6	41.1	113.1	1.1	135.9	51.7	702.5	44.32
<del>1969</del>	<del>0.2</del>	<del>107.1</del>	<del>42.9</del>	<del>35.8</del>	<del>36.6</del>	<del>95.0</del>	<del>243.5</del>	<del>37.0</del>	<del>27.8</del>	<del>23.3</del>	<del>24.4</del>	<del>149.6</del>	<del>740.2</del>	<del>57.64</del>
1970	129.4	29.4	44.3	31.2		24.3	5.2	163.0	56.3	17.5	7.6			
1971	105.7	45.8	139.2	20.9	3.4	45.1	62.6	75.2	45.7	16.7	49.8	140.4	750.5	43.13
1972	32.1	70.4	187.2	96.3	61.2	63.1	86.0	213.6	72.4	20.4	27.0	153.1	1082.8	59.98
1973	44.9	42.2	30.6	22.5	0.4	42.5	33.4	24.8		13.7	1.7	35.8		
1974	8.1	33.7	158.8	9.2	53.5	134.1	68.5	31.8	40.8	3.7	35.4	176.3	753.9	57.52
<del>1975</del>	<del>38.6</del>	<del>6.5</del>	<del>3.2</del>	<del>30.9</del>	<del>32.3</del>	<del>64.2</del>	<del>23.9</del>	<del>98.4</del>	<del>52.3</del>	<del>20.2</del>	<del>205.4</del>	<del>57.3</del>	<del>633.2</del>	<del>52.54</del>
1976	15.5	4.9	49.9	5.6	34.3	2.6	81.2	41.9	64.2	36.7	127.1	72.0	535.9	35.58
1977	127.2	4.1	107.8	87.5	14.2	46.2	81.7	115.9	73.3	93.4	26.7	14.0	792.0	41.48
1978	134.7	60.7	43.6	31.0	37.3	74.3	95.4	26.9	51.1	21.9	13.2	42.6	632.7	33.40
1979	68.2	5.2	37.4	193.8	19.5	29.3	58.5	40.3	26.1	2.4	11.3	26.9	518.9	49.18
1980	123.3	6.1	2.1	4.2	150.5	15.3	53.7	133.8	58.1	4.8	7.5	30.7	590.1	53.47
<del>1981</del>	<del>11.8</del>	<del>67.5</del>	<del>1.0</del>	<del>57.3</del>	<del>64.9</del>	<del>27.5</del>	<del>65.6</del>	<del>38.7</del>	<del>127.1</del>	<del>11.9</del>	<del>24.3</del>	<del>72.7</del>	<del>570.3</del>	<del>33.93</del>
1982	8.5	0.0	29.3	57.6		61.7	40.1	40.8	13.2	17.6	98.8	28.2		
1983	138.7	71.3		0.0		6.8	10.5	12.5	39.4		88.9	16.1		
1984	50.0	208.0	31.5											
													650.9	155.26
MEDIO	79.0	47.4	57.0	36.2	37.6	50.9	51.7	60.9	47.3	24.0	53.0	82.3	SUMA =	627.3
DESV.	57.31	42.92	47.51	38.08	29.92	34.47	38.39	47.11	29.47	24.86	46.24	60.14	-----	



ESTACION: -PANTAND DE FOIX (BARCELONA) 069

PRECIPITACIONES  
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ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950				11.0	2.0	17.0	46.0	55.0	4.0	0.0	134.0	22.0		
1951	28.0	2.0	70.0	32.0	73.0	117.0	64.0	84.0	21.0	38.0	85.0	63.0	677.0	31.34
1952	178.0	68.0	61.0	25.0	36.0	50.0	27.0	38.0	20.0	22.0	8.0	136.0	669.0	48.96
1953	87.0	81.0	15.0	0.0	0.0	42.0	18.0	32.0	112.0	57.0	50.0	108.0	602.0	37.89
1954	174.0	2.0	45.0	2.0	28.0	30.0	45.0	120.0	45.0	34.0	10.0	25.0	560.0	48.47
1955	0.0	16.0	31.0	87.0	57.0	37.0	0.0	6.0	80.0	67.0	69.0	138.0	588.0	40.13
1956	54.0	156.0	51.0	13.0	18.0	98.0	69.0	40.0	20.0	10.0	68.0	82.0	679.0	40.56
1957	80.0	94.0	0.0	10.0	16.0	0.0	70.0	99.0	58.0	57.0	59.0	48.0	591.0	33.65
1958	165.0	50.0	54.0	57.0	0.0	35.0	15.0	10.0	25.0	30.0	5.0	20.0	466.0	42.12
1959	54.0	148.0	161.0	0.0	38.0	89.0	10.0	52.0	20.0	37.0	34.0	267.0	910.0	75.34
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1982				96.0	116.0	38.0	51.0	19.0	39.0	12.0	137.0	39.0		
1983	135.0	48.0		0.0	49.0	20.0	10.0	12.0	20.0	0.0	74.0	10.0		
1984	68.0	219.0	25.0											
													638.0	115.38
MEDIO	93.0	80.4	54.3	27.7	36.4	47.8	35.4	47.3	38.7	30.3	64.4	79.8	SUMA =	628.8
DESV.	58.37	66.23	41.93	32.71	32.81	33.84	24.02	35.24	29.71	21.49	42.19	70.79	-----	



ESTACION: -IGUALADA 171

PRECIPITACIONES

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ANOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1950	15.6	30.8	53.2	8.9	5.1	25.8	31.6	51.0	10.7	0.8	67.0	29.0	329.5	19.98
<del>1951</del>	<del>7.0</del>	<del>11.1</del>	<del>79.8</del>	<del>37.2</del>	<del>75.9</del>	<del>80.1</del>	<del>62.6</del>	<del>93.6</del>	<del>49.3</del>	<del>21.7</del>	<del>22.3</del>	<del>102.4</del>	<del>643.0</del>	<del>31.90</del>
1952	183.3	75.6	30.6	19.8	26.2	50.6	45.3	90.7	30.4	85.8	0.0	75.0	713.3	46.26
1953		21.5		0.0	0.0	29.0	19.5	23.0	178.2	25.1	4.5			
1954	77.6		47.5	5.0	17.7	76.5	39.3	75.5	31.5	13.5	7.4	57.8		
1955	1.0	7.7	32.2	119.1	37.0	18.0	10.7	9.8	46.6	68.3	126.3	106.3	583.0	43.73
1956	53.4	53.2	47.8	11.8	6.0	117.7	58.8	48.6	53.0	7.8	18.5	168.9	645.5	45.49
<del>1957</del>	<del>38.0</del>	<del>63.5</del>	<del>1.0</del>	<del>6.5</del>	<del>17.3</del>	<del>5.0</del>	<del>94.8</del>	<del>124.7</del>	<del>92.4</del>	<del>10.7</del>	<del>36.8</del>	<del>12.7</del>	<del>503.4</del>	<del>40.24</del>
1958	75.3	27.8	27.7	31.5	0.0	31.5	49.0	13.2	19.2	30.0	24.0	25.0	354.2	17.76
1959	44.0	99.1	120.4	1.7	64.2	109.1	21.5	37.5	9.9	33.3	47.4	332.7	920.8	85.46
1960	92.7	8.8	40.0	30.3	40.9	116.3	37.1	36.0	264.2	66.1	53.6	51.6	837.6	64.74
1961	97.8	16.1	134.5	22.5	0.7	11.5	22.2	81.8	49.7	18.0	28.8	82.6	566.2	40.28
1962	52.9	55.3	7.3	107.2	48.4	35.2	72.9	57.2	14.5	3.9	34.2	120.0	609.0	34.71
<del>1963</del>	<del>121.0</del>	<del>74.7</del>	<del>43.0</del>	<del>51.8</del>	<del>32.2</del>	<del>7.6</del>	<del>67.1</del>	<del>14.2</del>	<del>62.2</del>	<del>48.1</del>	<del>74.0</del>	<del>227.5</del>	<del>820.4</del>	<del>56.13</del>
1964	55.9	50.5	19.5	9.5	58.5	29.5	36.0	38.0	18.8	8.5	38.5	23.5	386.7	16.27
1965	38.0	75.4	58.8	13.7	26.6	29.9	18.5	44.4	11.2	16.5	29.0	158.2	520.2	39.16
1966	212.6	36.8	21.7	33.5	33.2	10.0	34.9	50.8	27.3	50.0	27.6	14.3	552.7	51.56
1967	69.5	36.5	0.0	4.2	28.0	42.3	96.7	29.5	12.1	0.0	51.5	22.9	393.2	28.01
1968	86.5	162.3	0.0	0.1	36.8	35.8	55.7	27.5	84.1	0.0	74.2	29.0	592.0	45.21
<del>1969</del>	<del>146.6</del>	<del>39.5</del>	<del>15.6</del>	<del>17.4</del>	<del>109.5</del>	<del>188.8</del>	<del>55.3</del>	<del>60.5</del>	<del>65.5</del>	<del>42.2</del>	<del>109.1</del>			
1970	92.9	55.3	33.4	22.6	0.0	26.2	14.3	117.5	34.1	6.9	16.8			
1971		32.4	74.1	20.9	8.6	26.5	125.3	186.9	29.1	38.2	25.0	99.1		
1972	35.2	59.8	170.6	64.3	32.9	54.7	51.6	131.8	66.1	16.6	59.7	157.3	900.6	47.89
1973	44.8	50.3	18.3	7.1	0.0	13.0	35.7	9.1	45.5	20.5	3.5	44.4	292.2	17.81
1974	4.5	24.1	143.8	4.6	49.8	110.6	37.6	29.8	10.8	14.4	76.9	178.4	685.3	55.71
<del>1975</del>	<del>25.1</del>	<del>10.1</del>	<del>1.0</del>	<del>32.2</del>	<del>31.2</del>	<del>33.8</del>	<del>23.2</del>	<del>76.7</del>	<del>84.4</del>	<del>24.8</del>	<del>92.7</del>	<del>49.2</del>	<del>478.4</del>	<del>27.91</del>
1976	0.0	1.2	17.0	2.0	14.1	3.7	90.	49.6	31.0	0.0		70.5		
1977	84.0	3.6	103.6	65.0	15.8	27.0	97.0							
1978														
1979														
1980														
<del>1981</del>														
1982														
1983														
1984														
													587.0	178.58
MEDIO	64.3	47.8	50.6	26.7	25.9	45.2	54.9	59.3	52.7	25.6	41.6	93.9	SUMA =	588.7
DESV.	51.21	39.33	45.97	29.83	20.40	36.21	38.64	42.16	54.34	23.41	29.63	75.27	-----	

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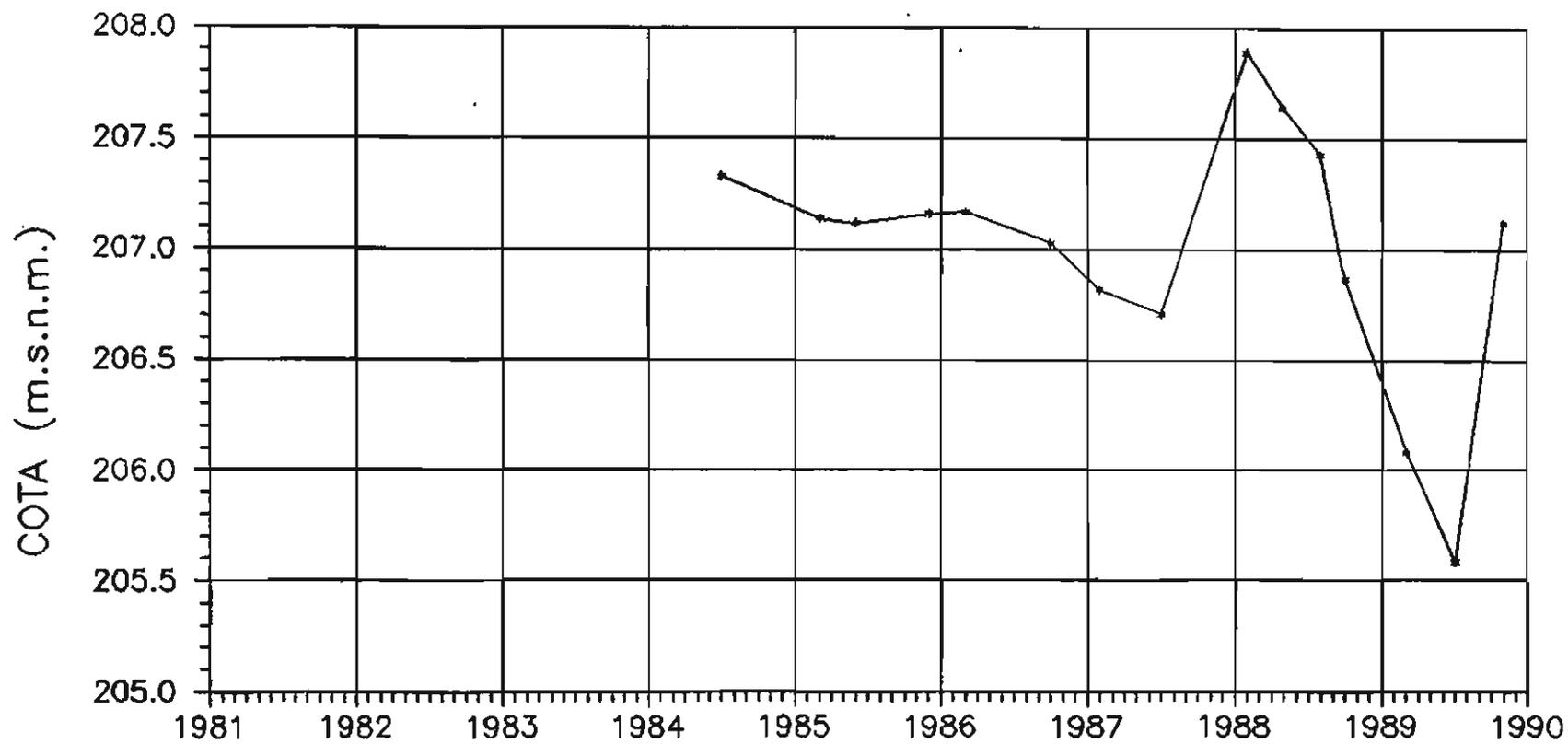
ESTACION: -VIMBODI MONASTERIO POBLET 0200

PRECIPITACIONES  
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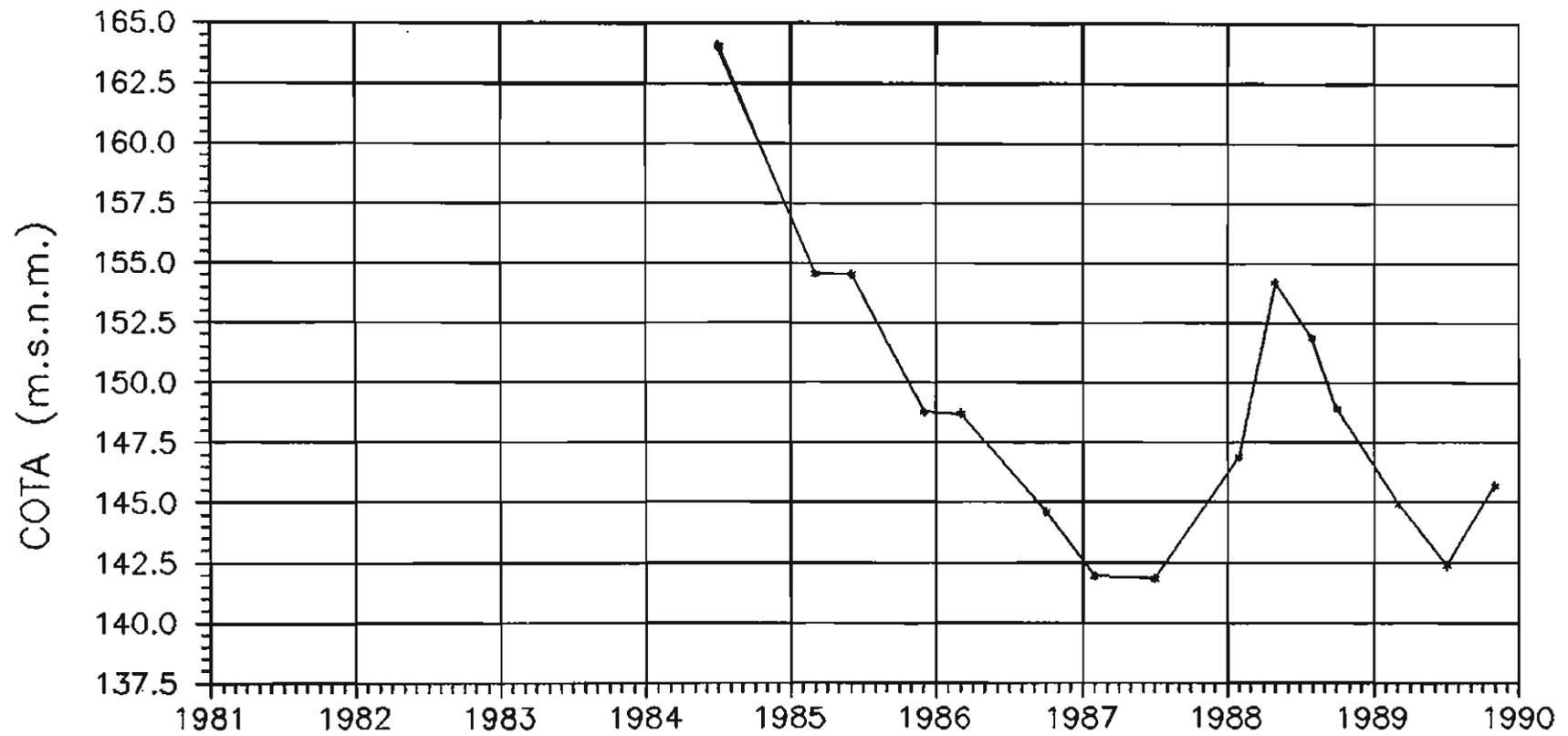
ANNOS	OCTBRE	NOVBRE	DICBRE	ENERO	FEBRER	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SETBRE	TOTAL	DESVIACION
1976					7.3	26.5	115.0	42.4	19.7	5.8	70.9	55.0		
1977	69.9	8.7	118.4	83.0	12.1	24.8	90.6	113.6	56.0	29.0	31.5	11.4	649.0	38.45
1978	143.9	53.7	27.8	21.4	20.2	44.5	45.4	40.6	32.7	6.0	0.5	63.5	500.2	35.60
1979	13.6	00.0	59.1	189.6	11.4	27.6	62.8	30.4	73.5	2.0	12.0	65.8	547.8	50.21
1980	142.1	11.6	8.6	4.9	17.5	25.3	58.7	125.3	15.6	7.0	10.3	10.0	436.9	45.74
1981	11.7	63.2	4.0	22.2	40.4	16.5	113.4	53.1	183.9	6.8	35.4	46.2	596.8	49.83
1982	19.8	0.4	38.2	43.8	150.2	60.7	18.0	37.6	49.4	26.7	59.7	39.8	544.3	35.78
1983	139.3	154.2		0.2	16.0	13.0	30.0	8.7	59.8	4.3	67.5	0.0		
1984	14.8	182.1	41.3											
													545.8	67.33
MEDIO	69.4	59.2	42.5	52.2	34.4	29.9	66.7	56.5	61.3	11.0	36.0	36.5	SUMA =	535.4
DESV.	58.74	67.04	35.66	61.75	44.77	14.54	34.16	38.37	49.99	9.89	25.71	24.24	-----	

## **IX.4. PIEZOMETRIA**

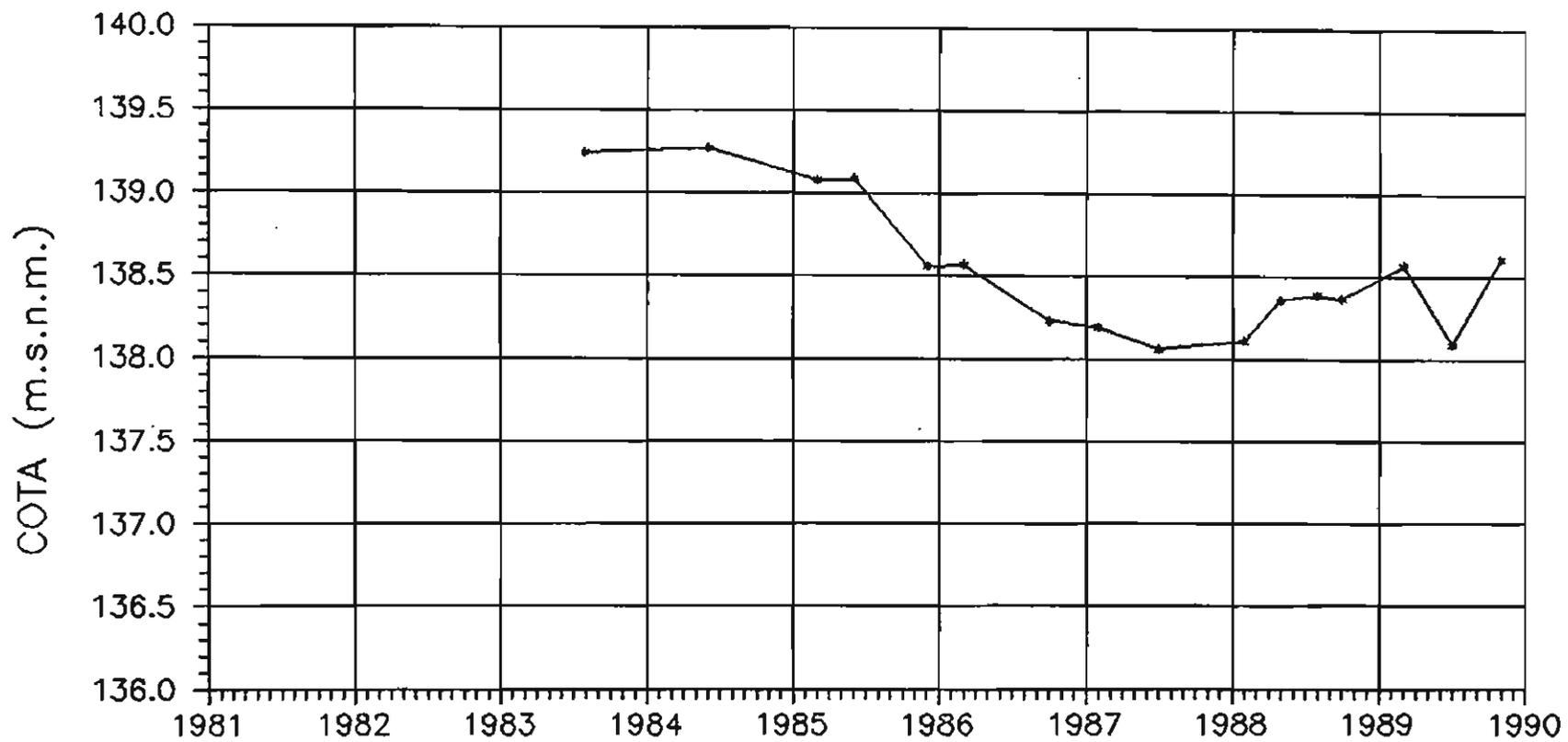
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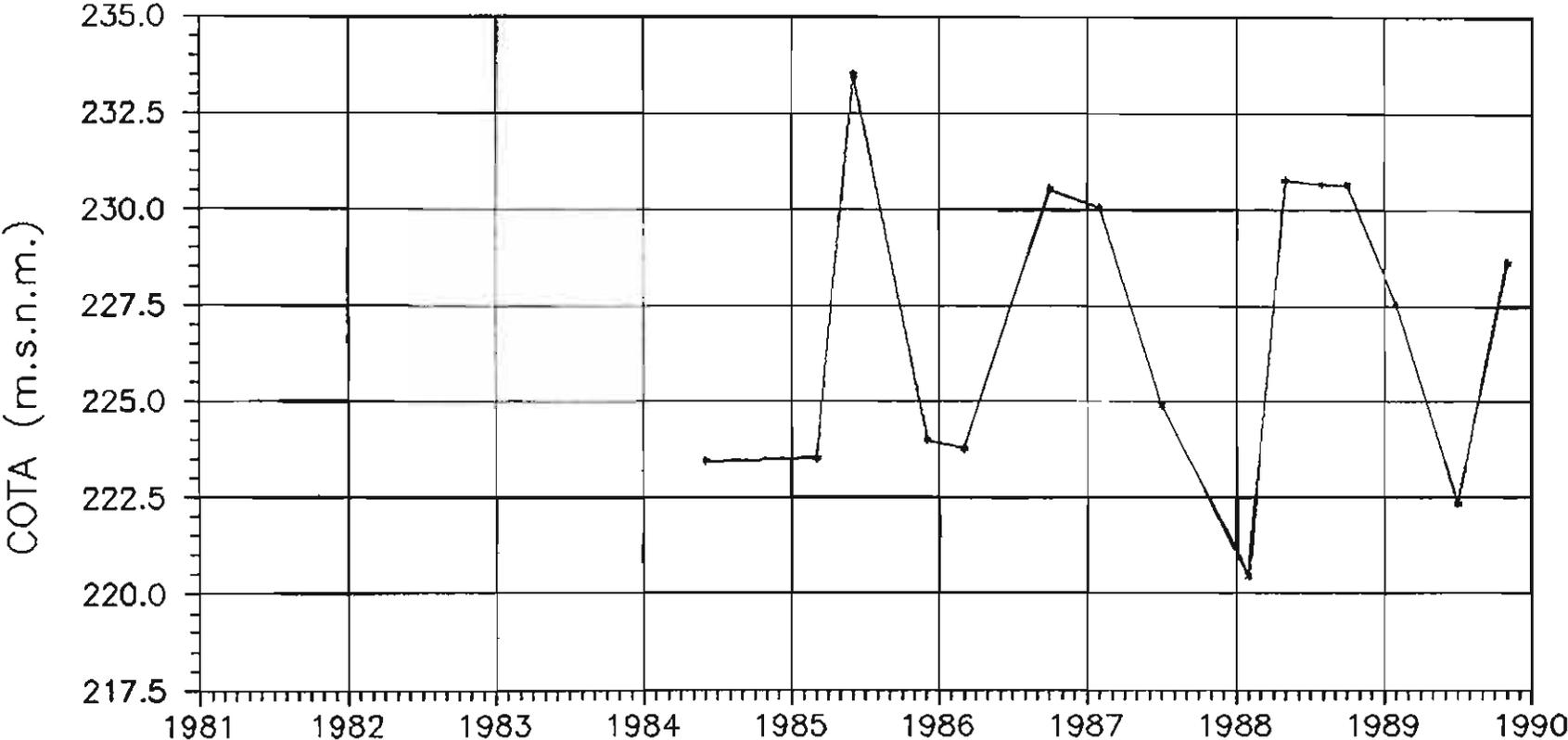
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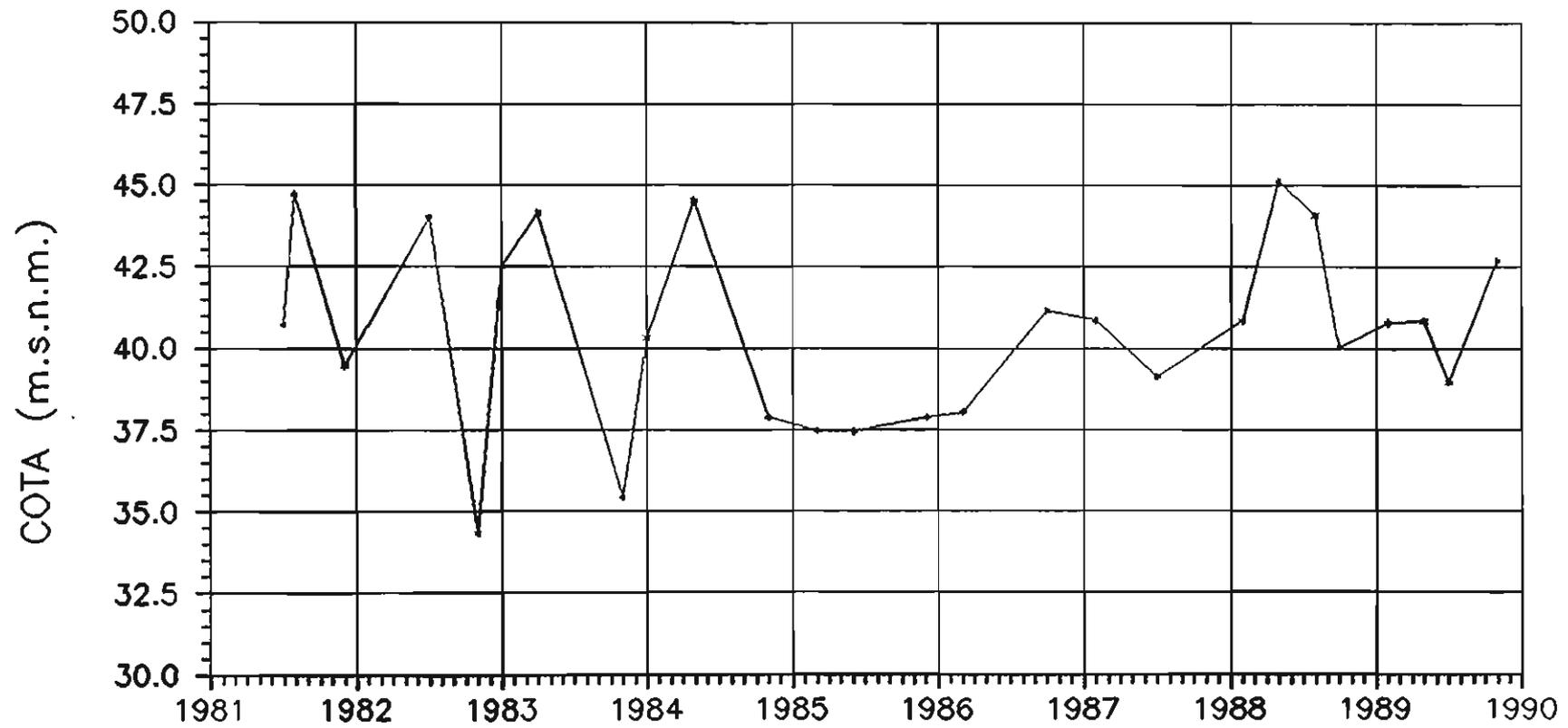
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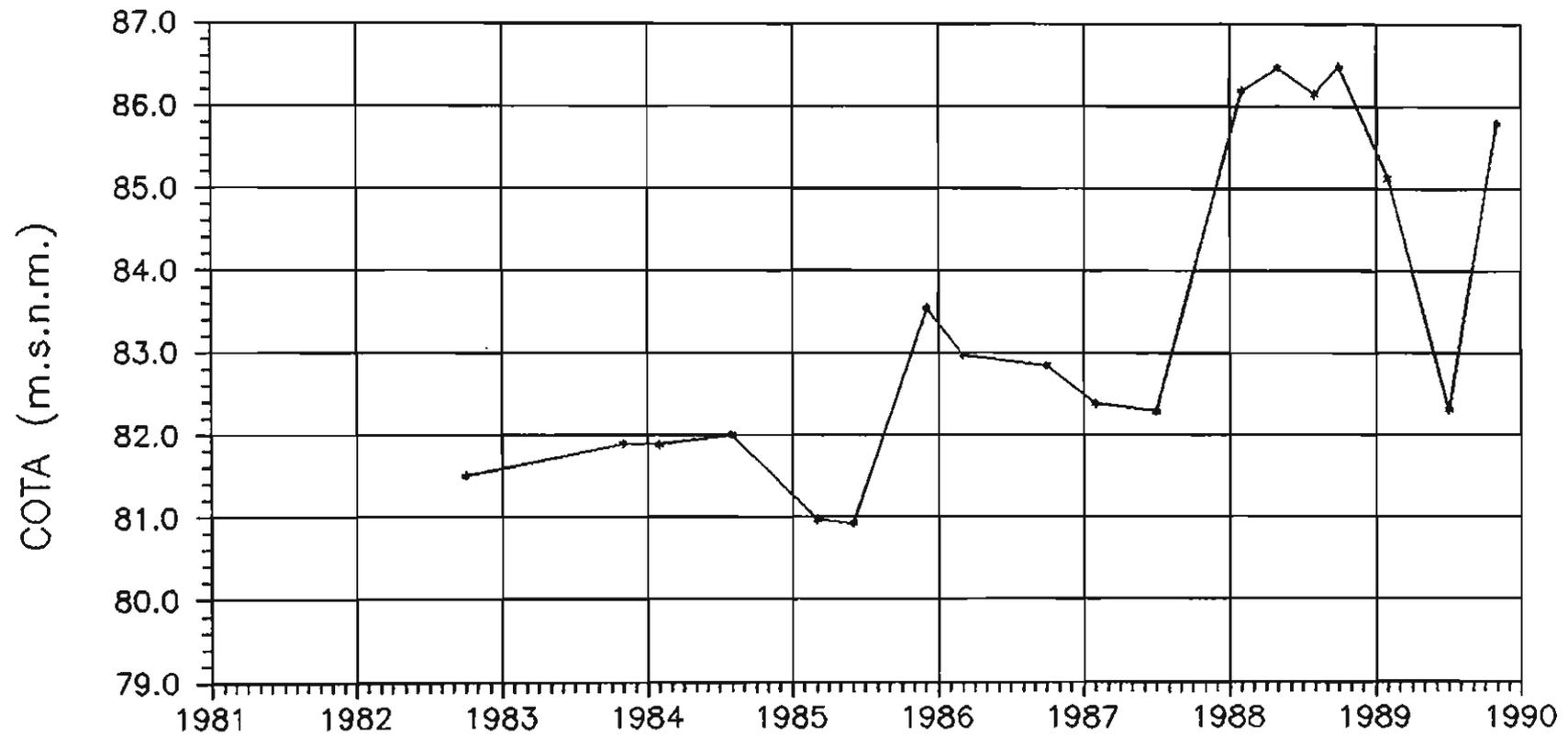
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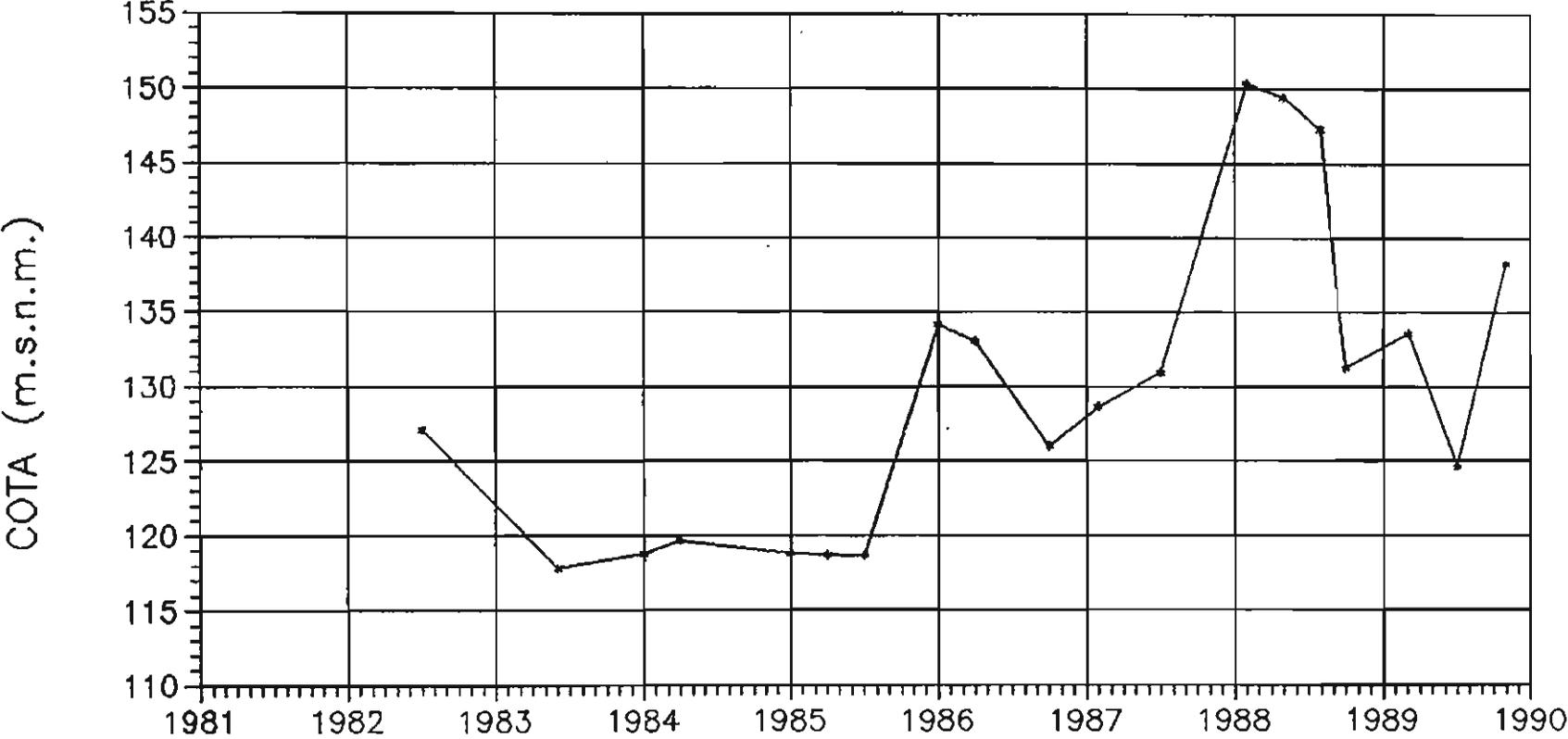
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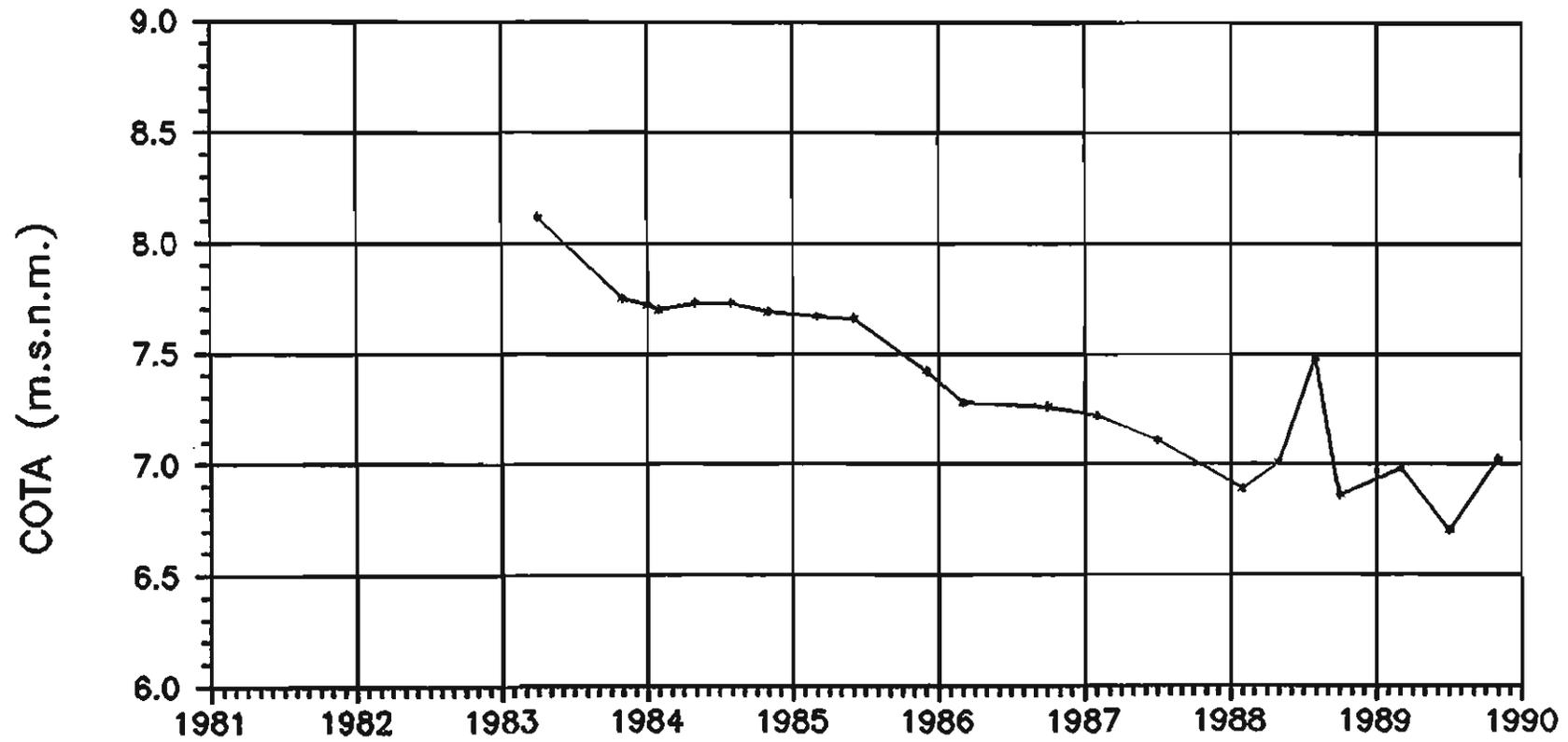
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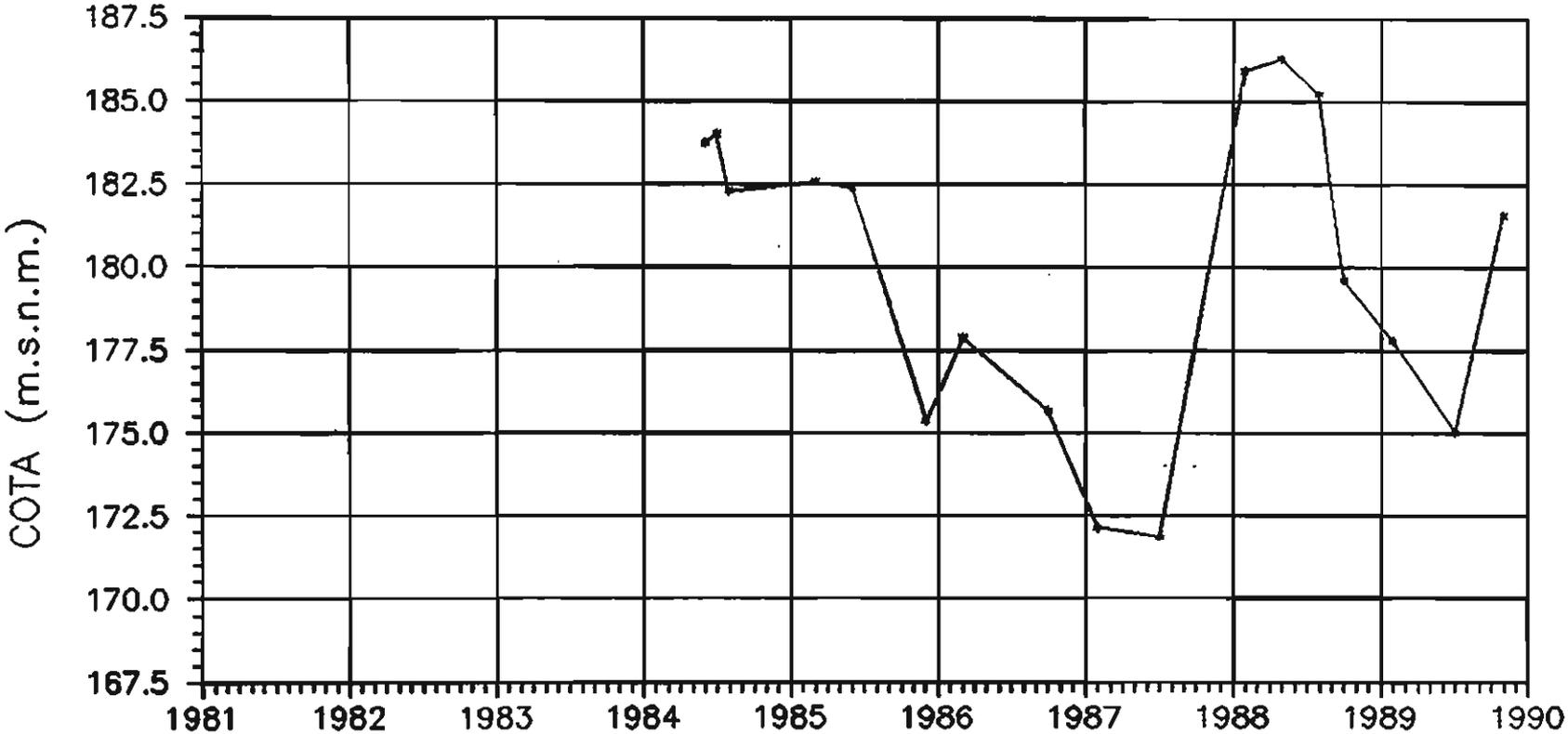
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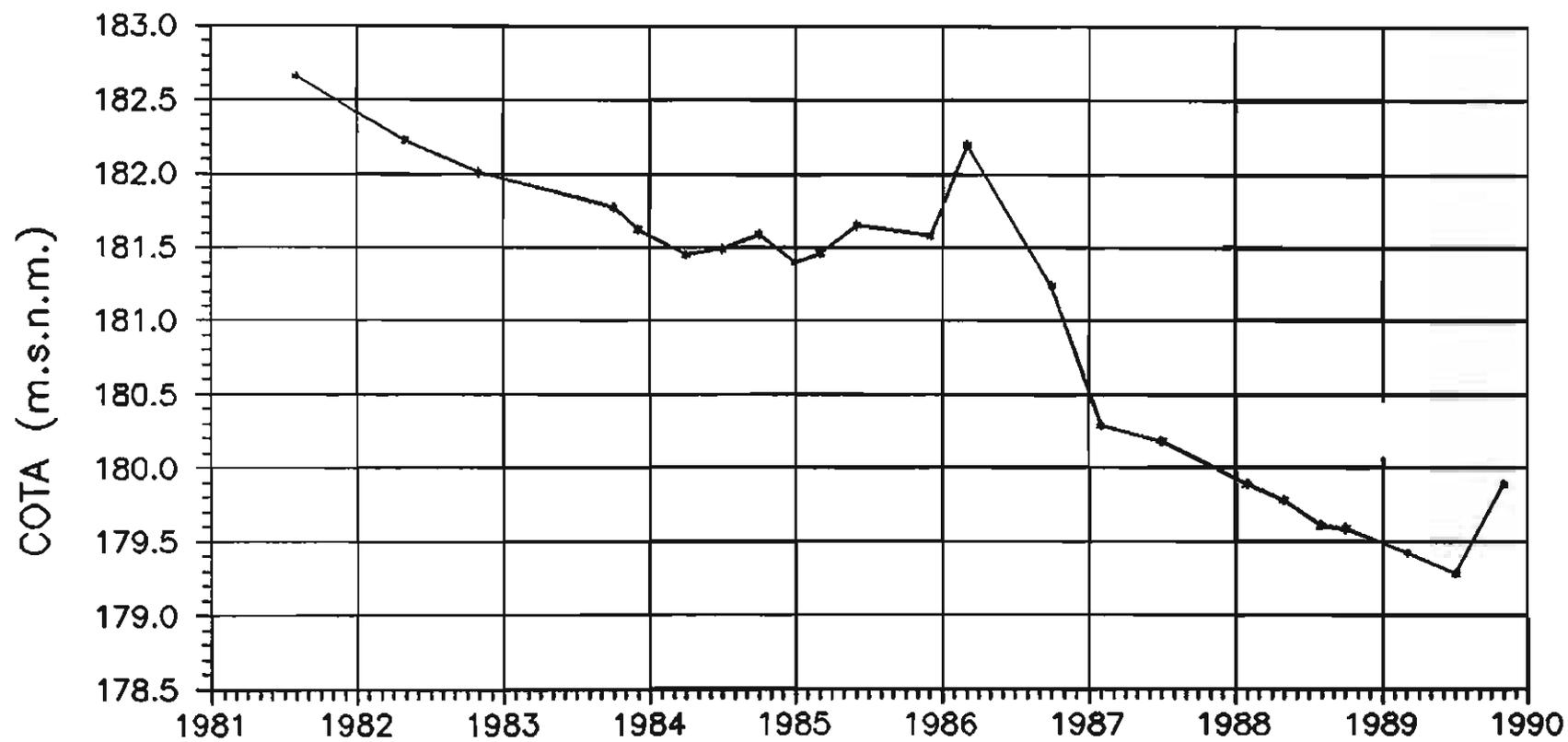
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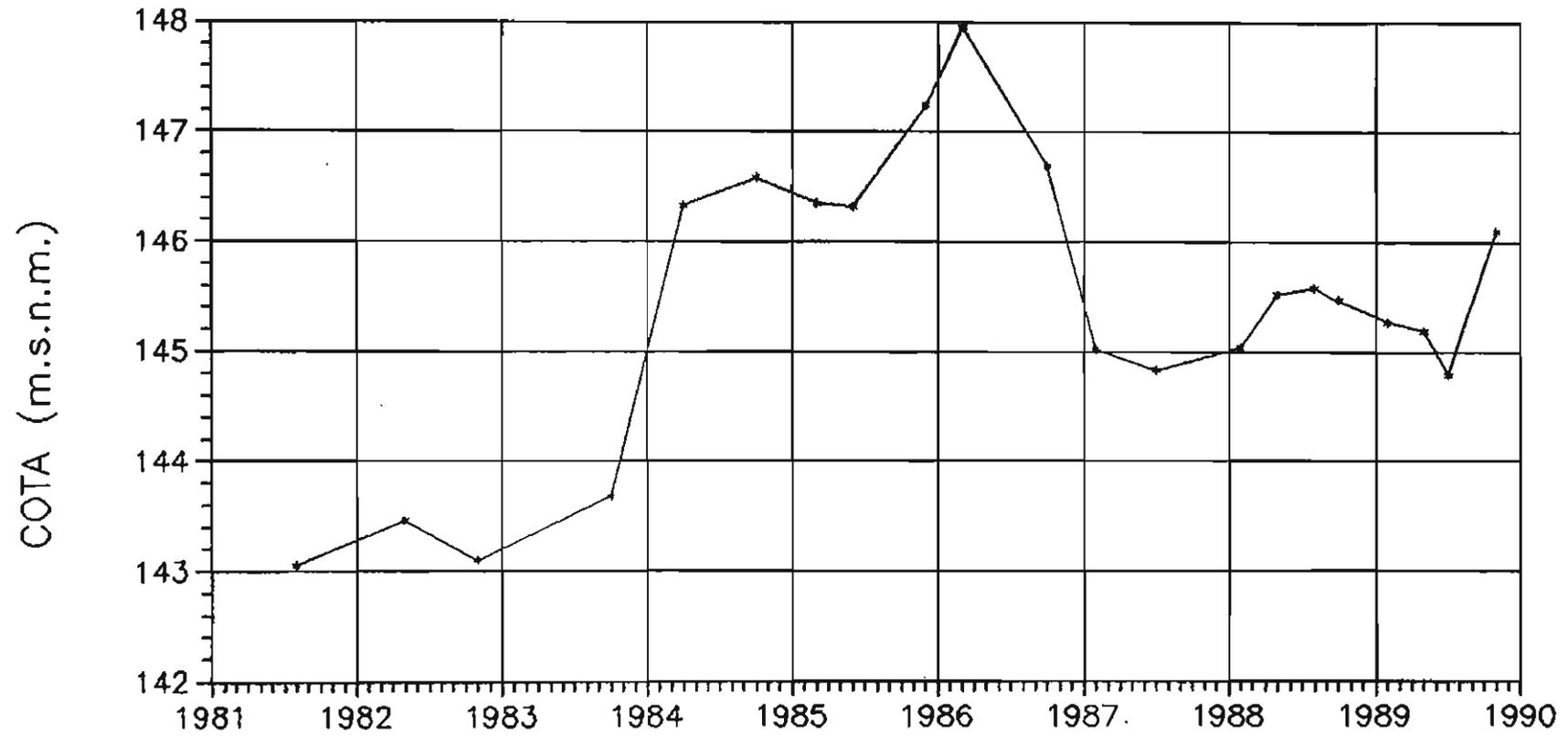
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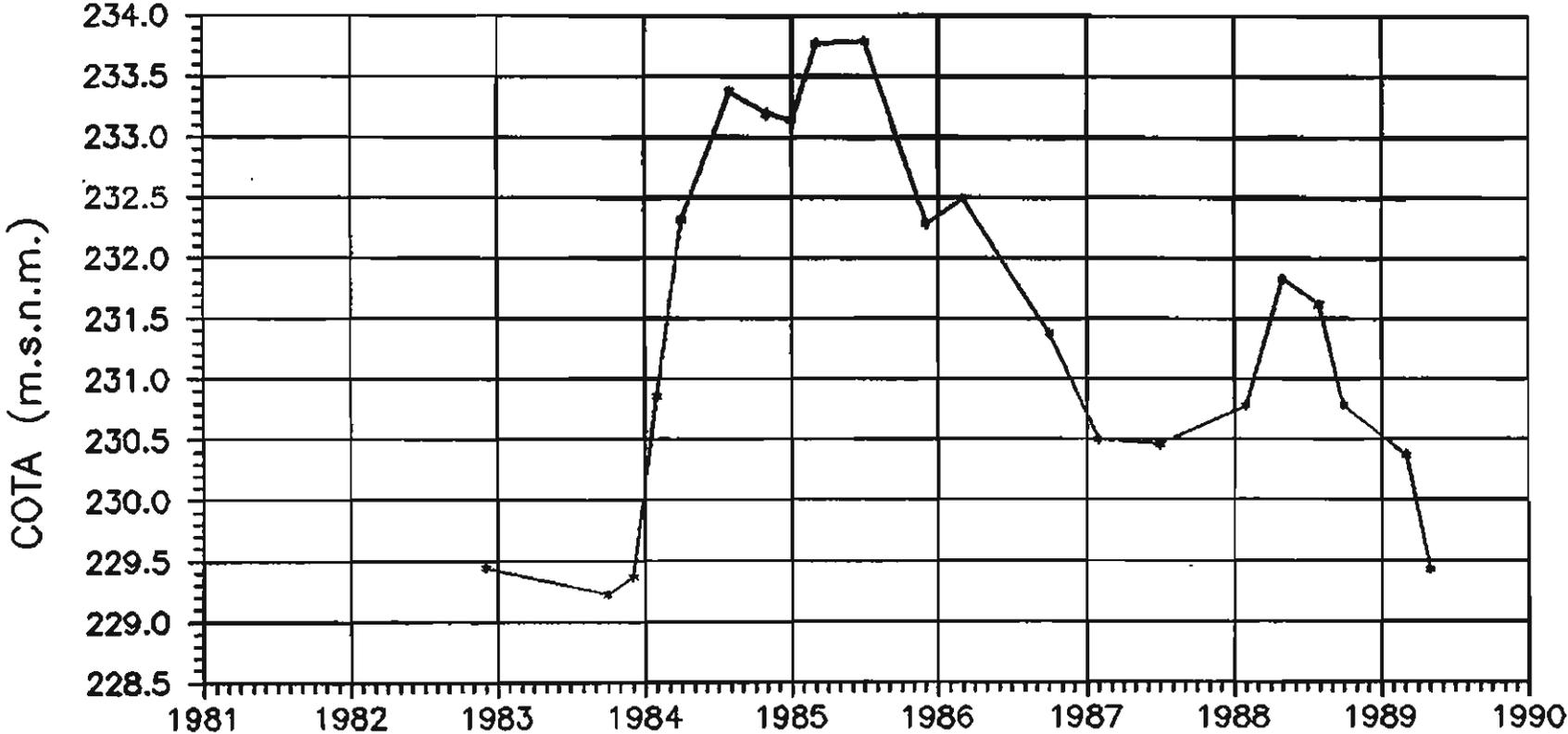
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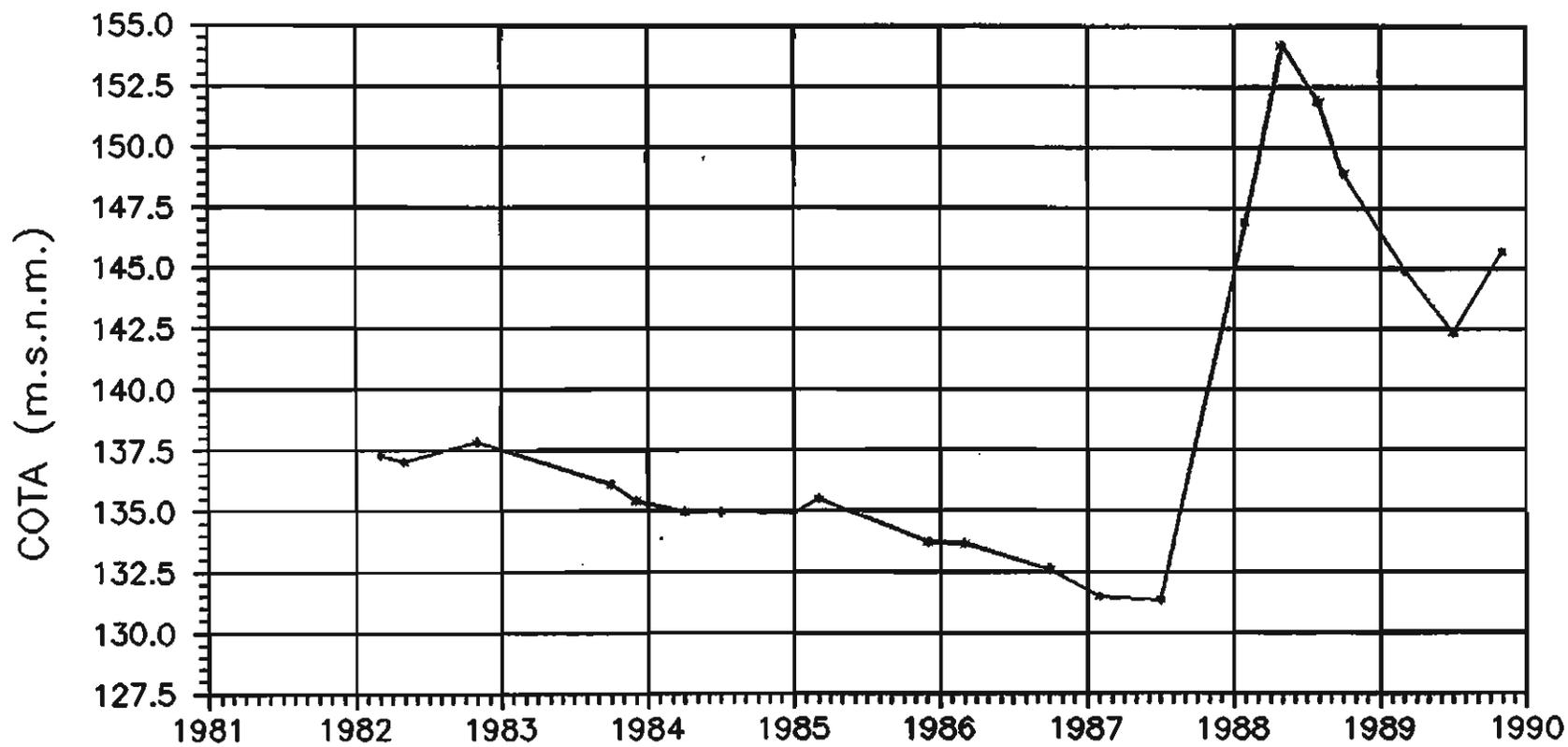
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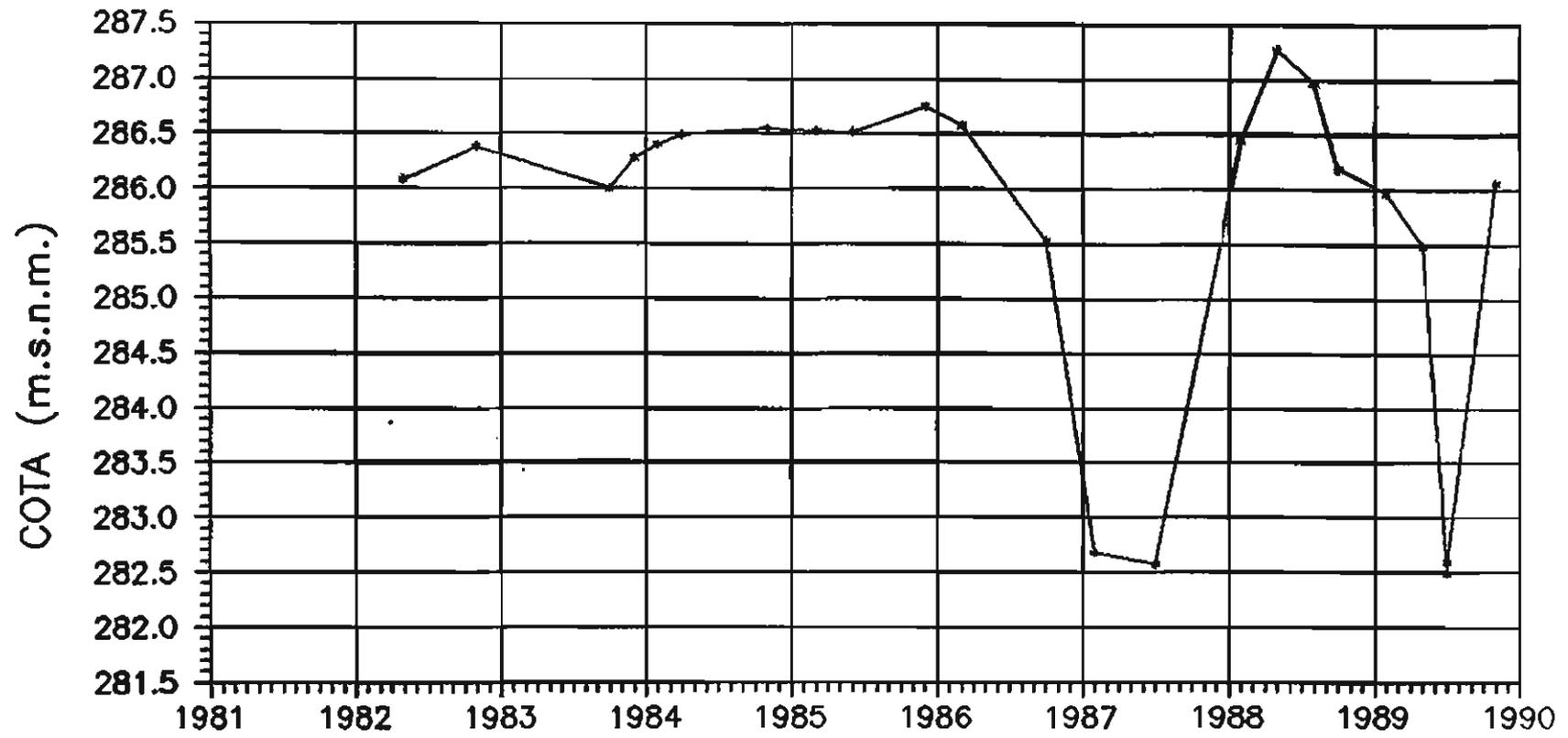
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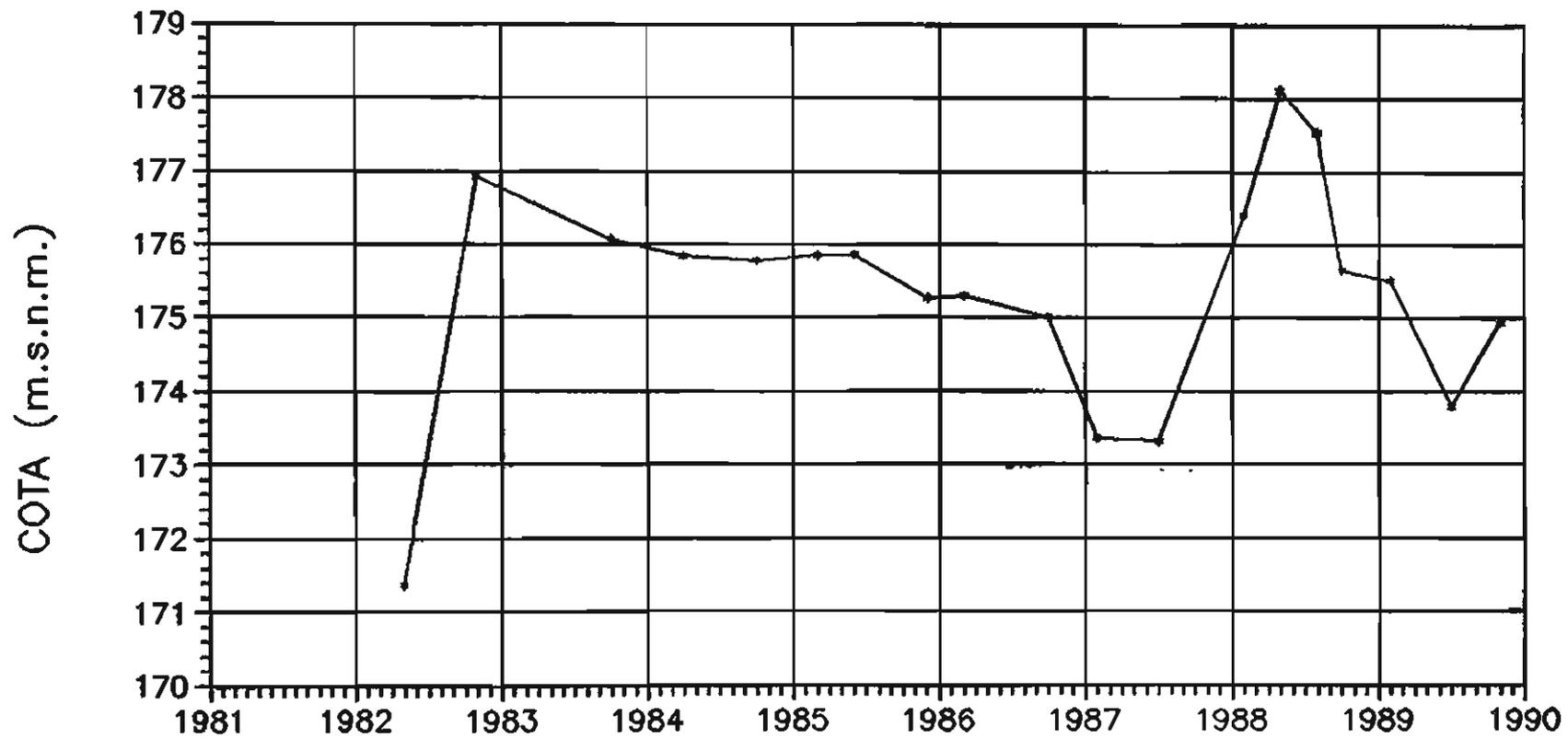
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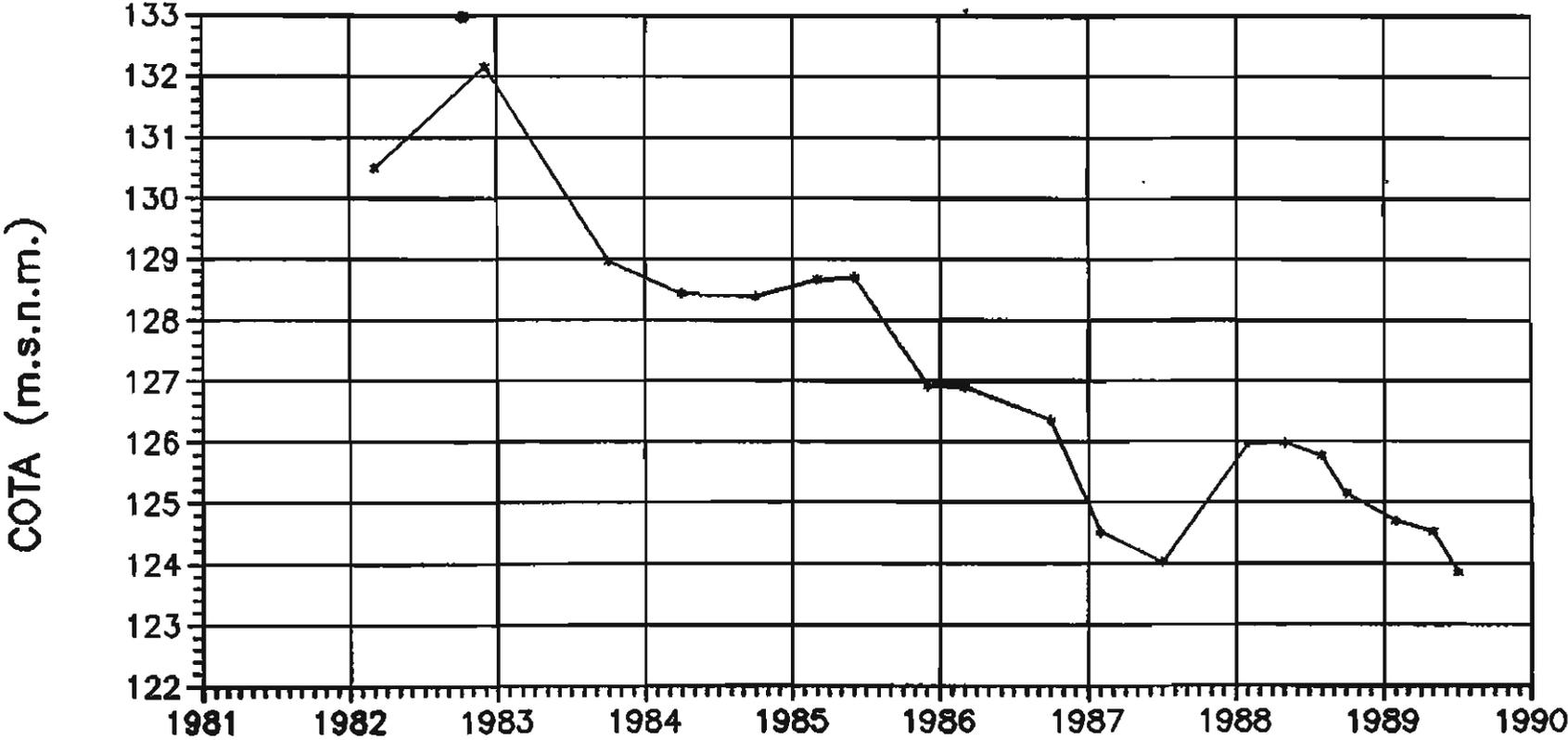
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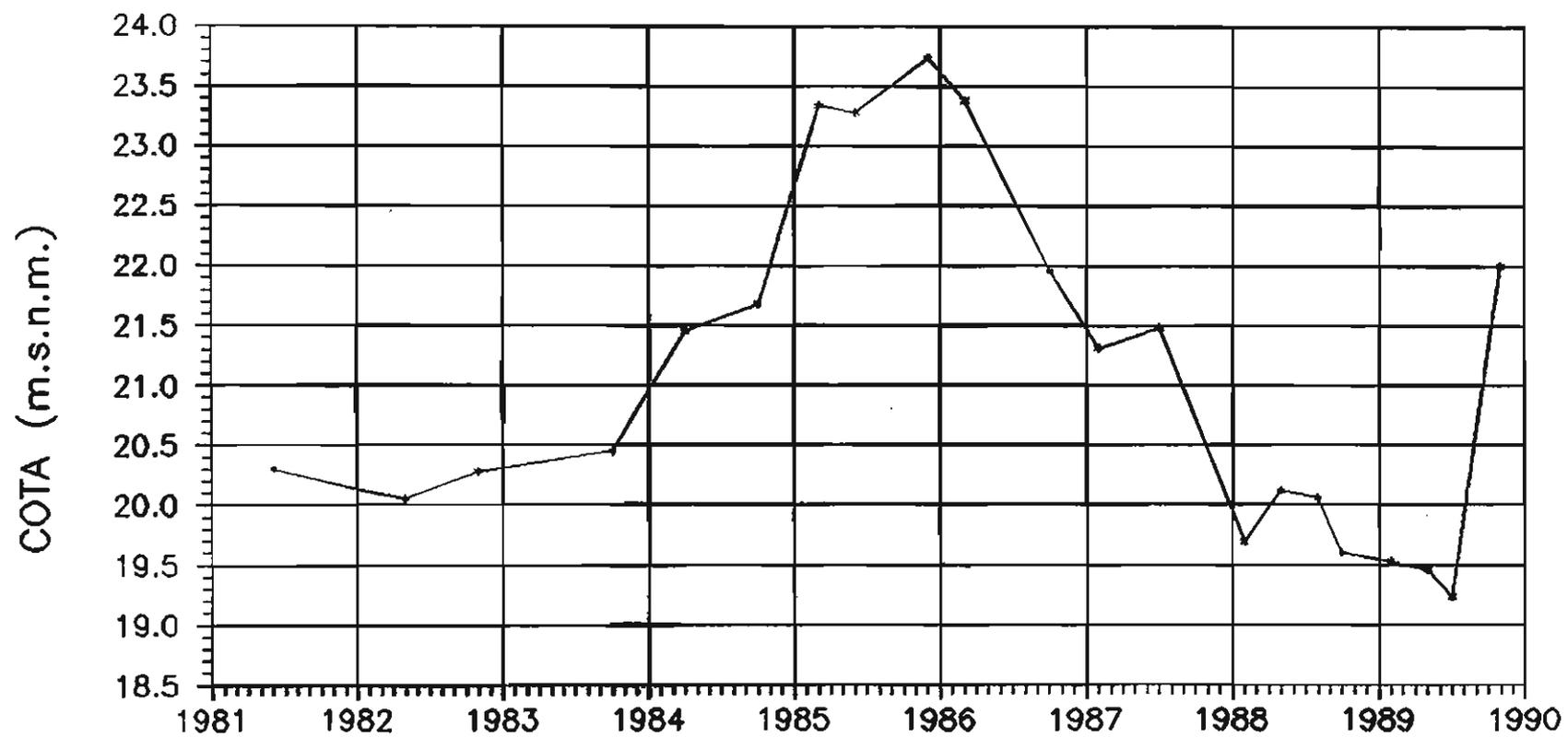
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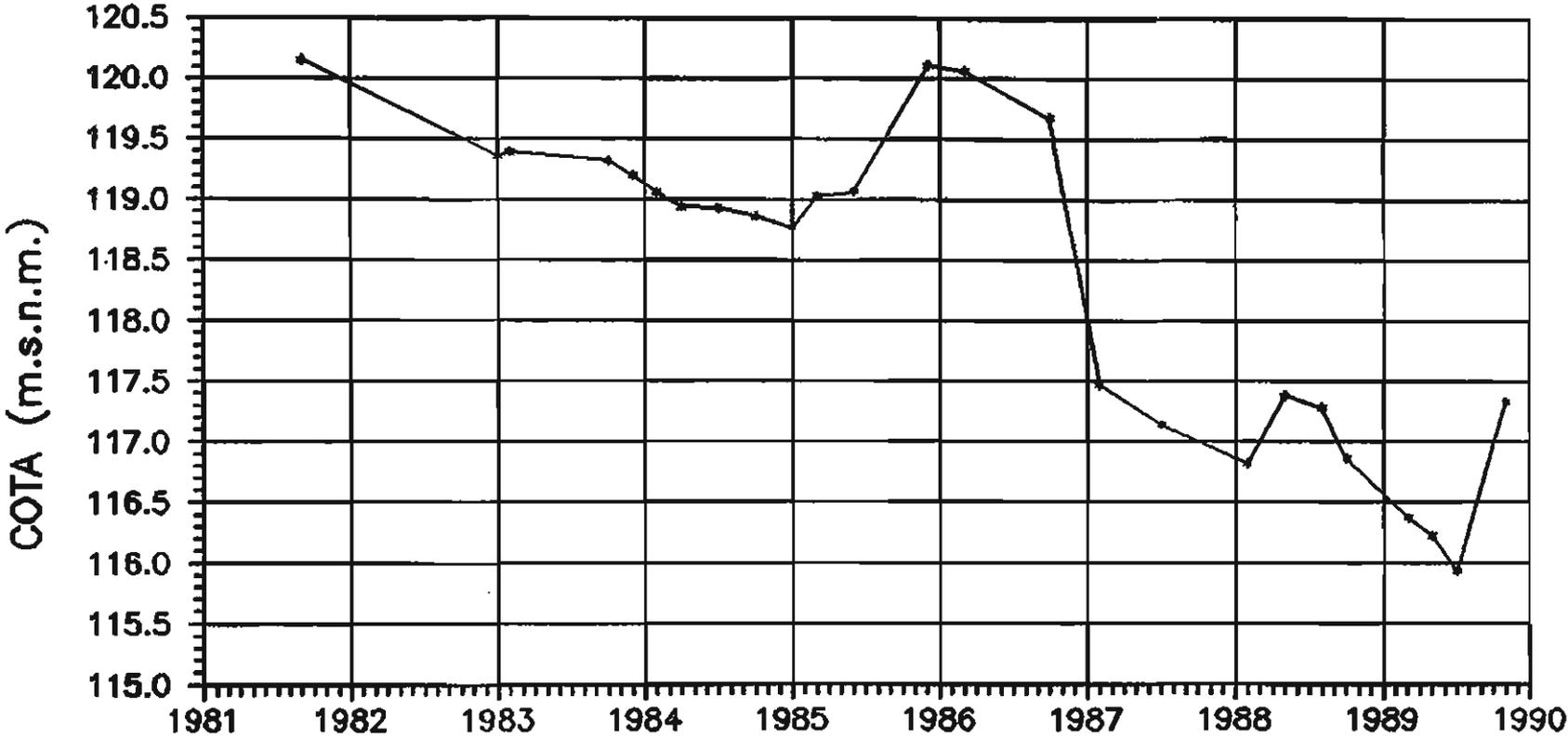
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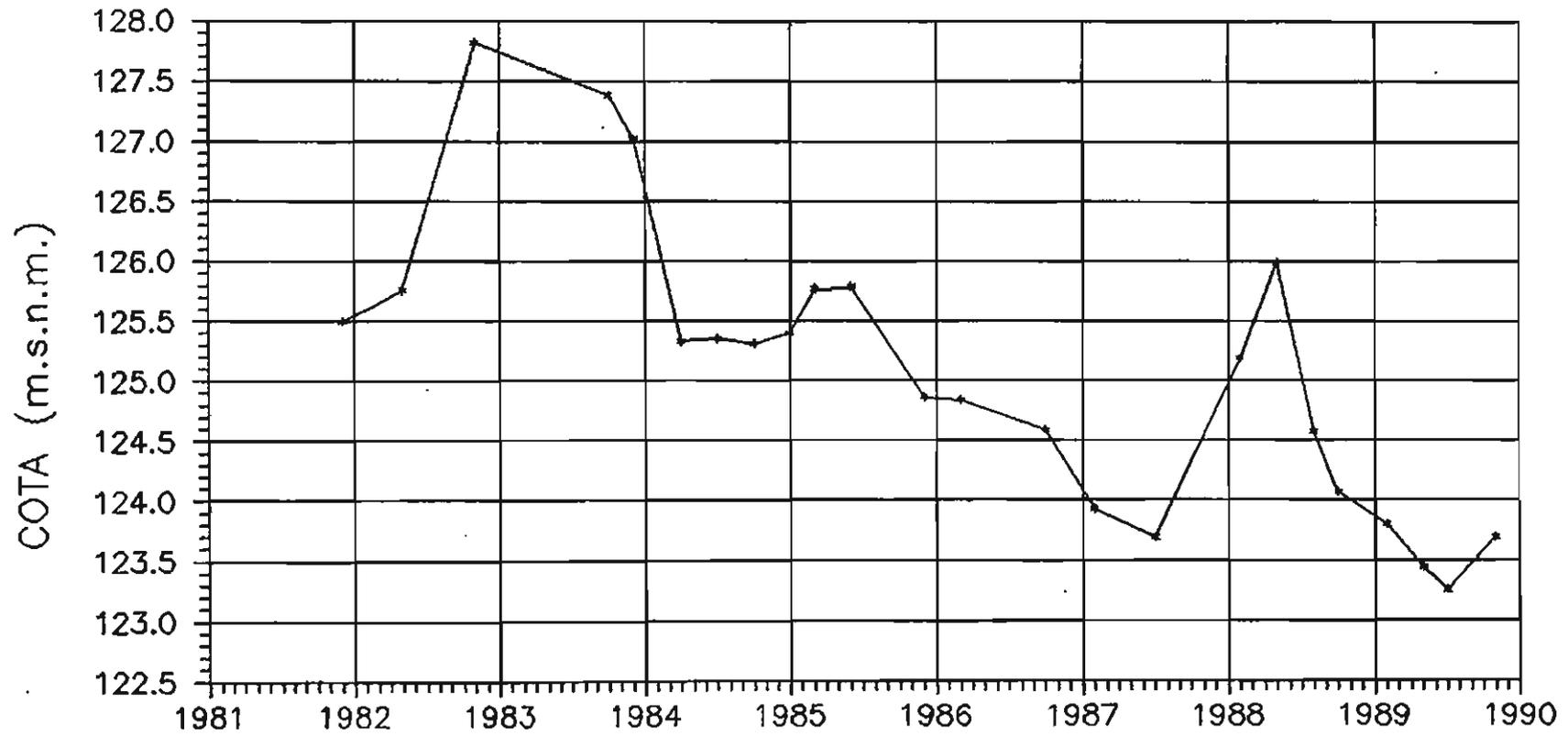
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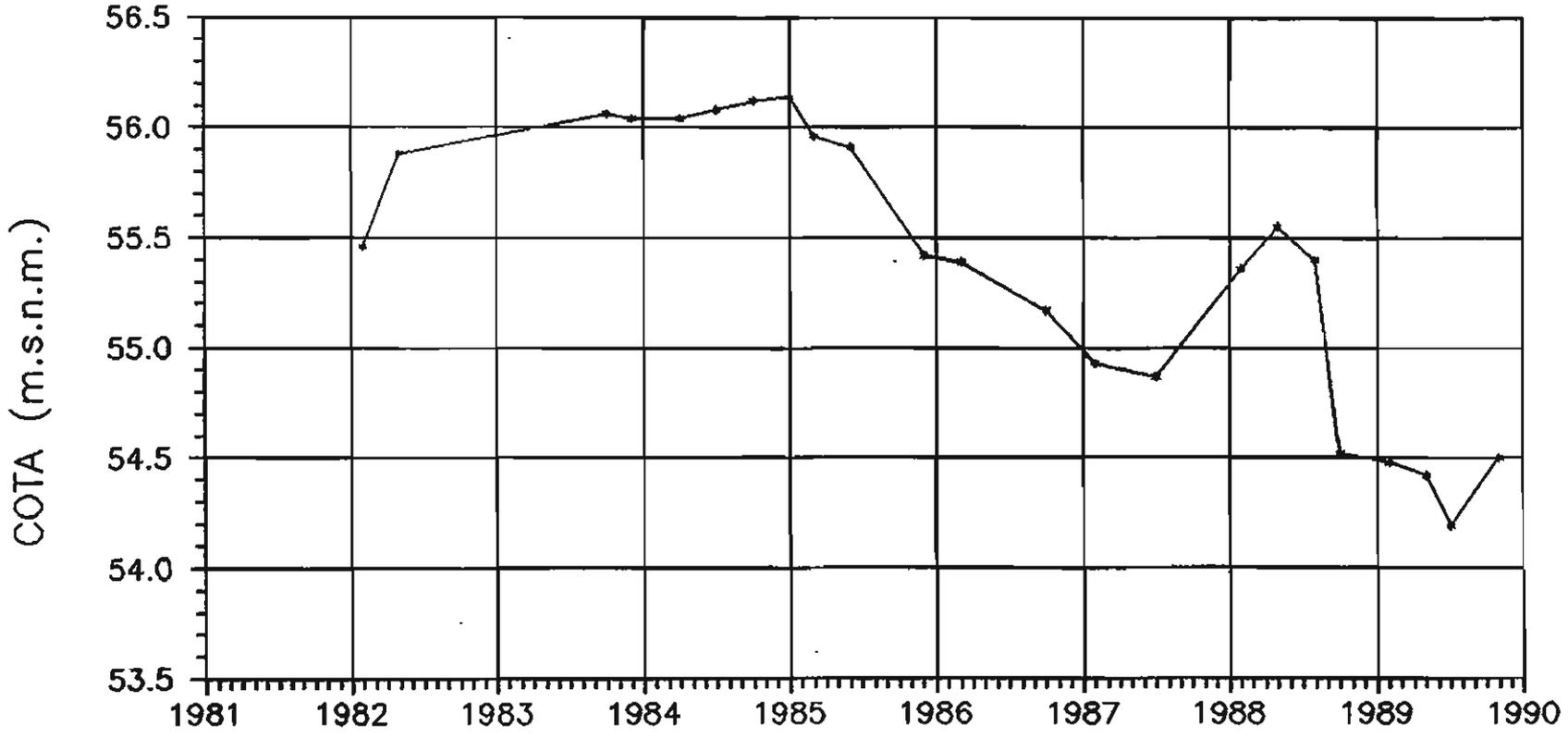
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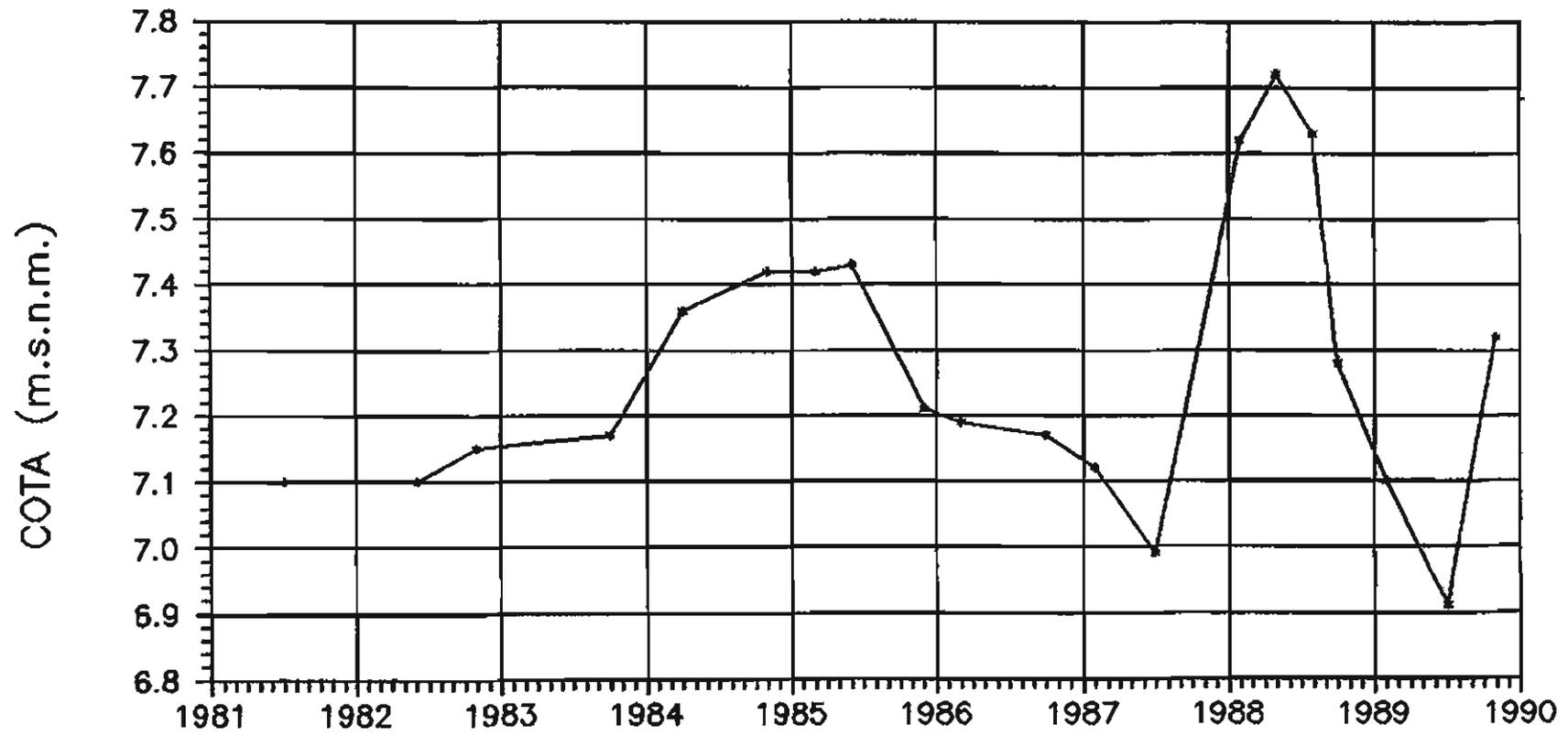
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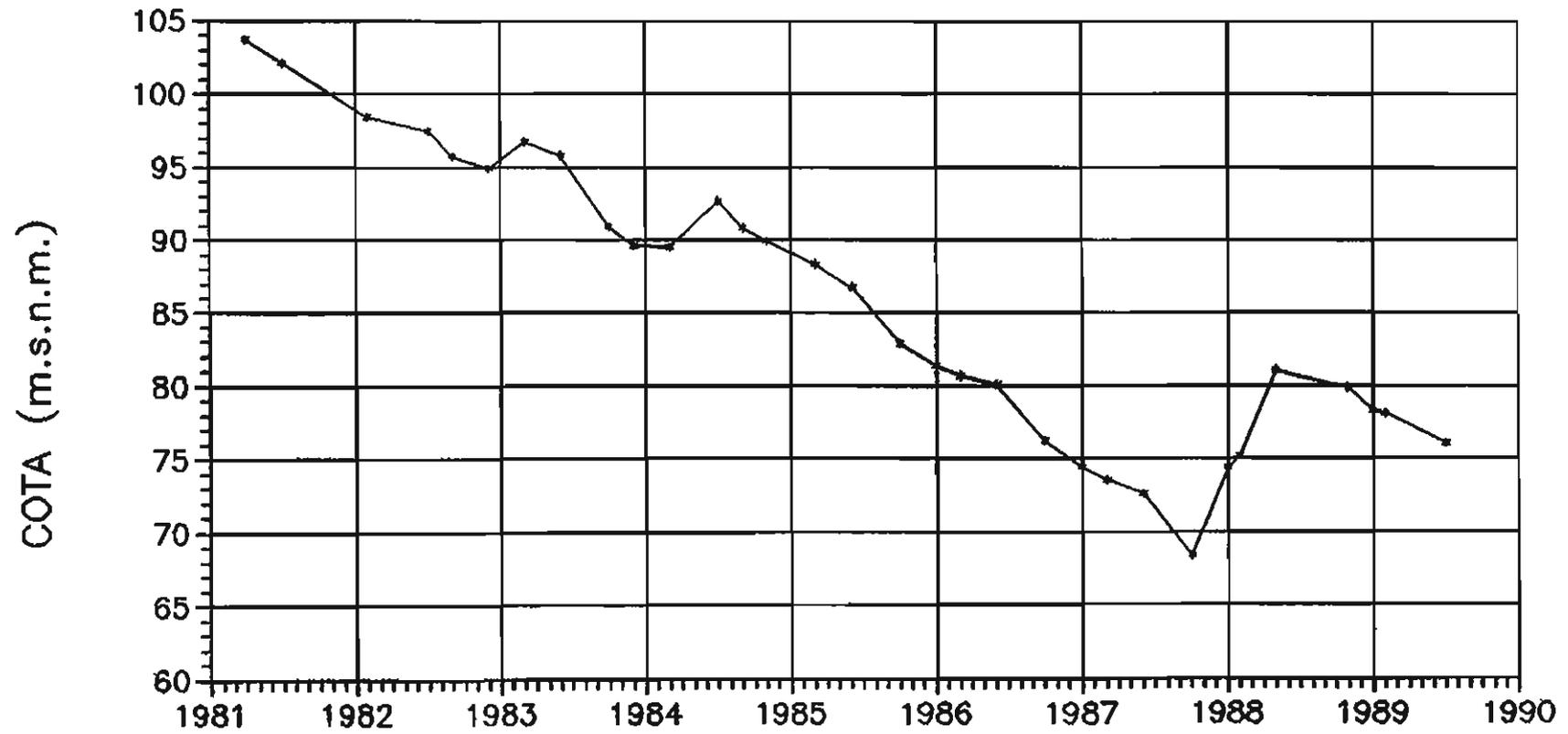
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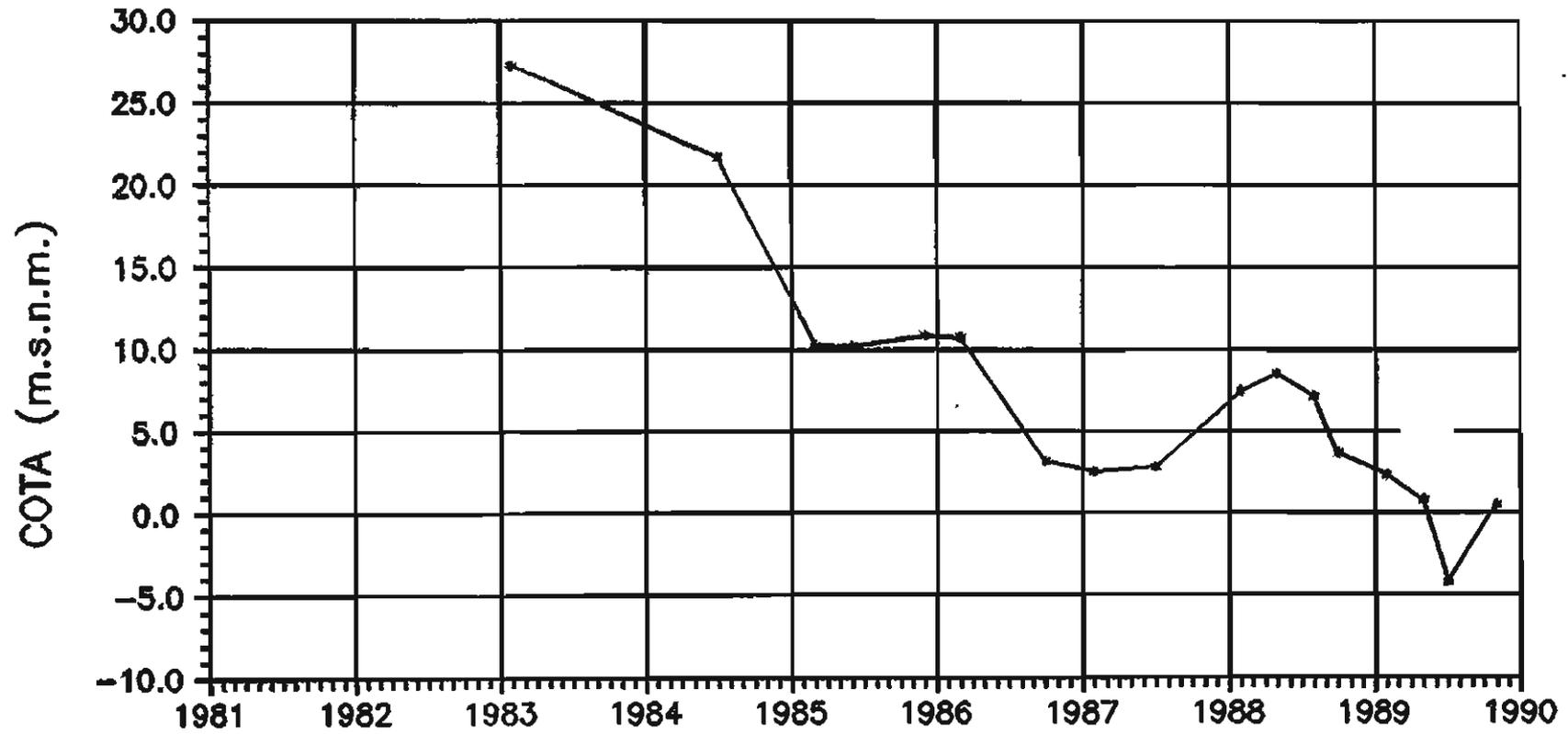
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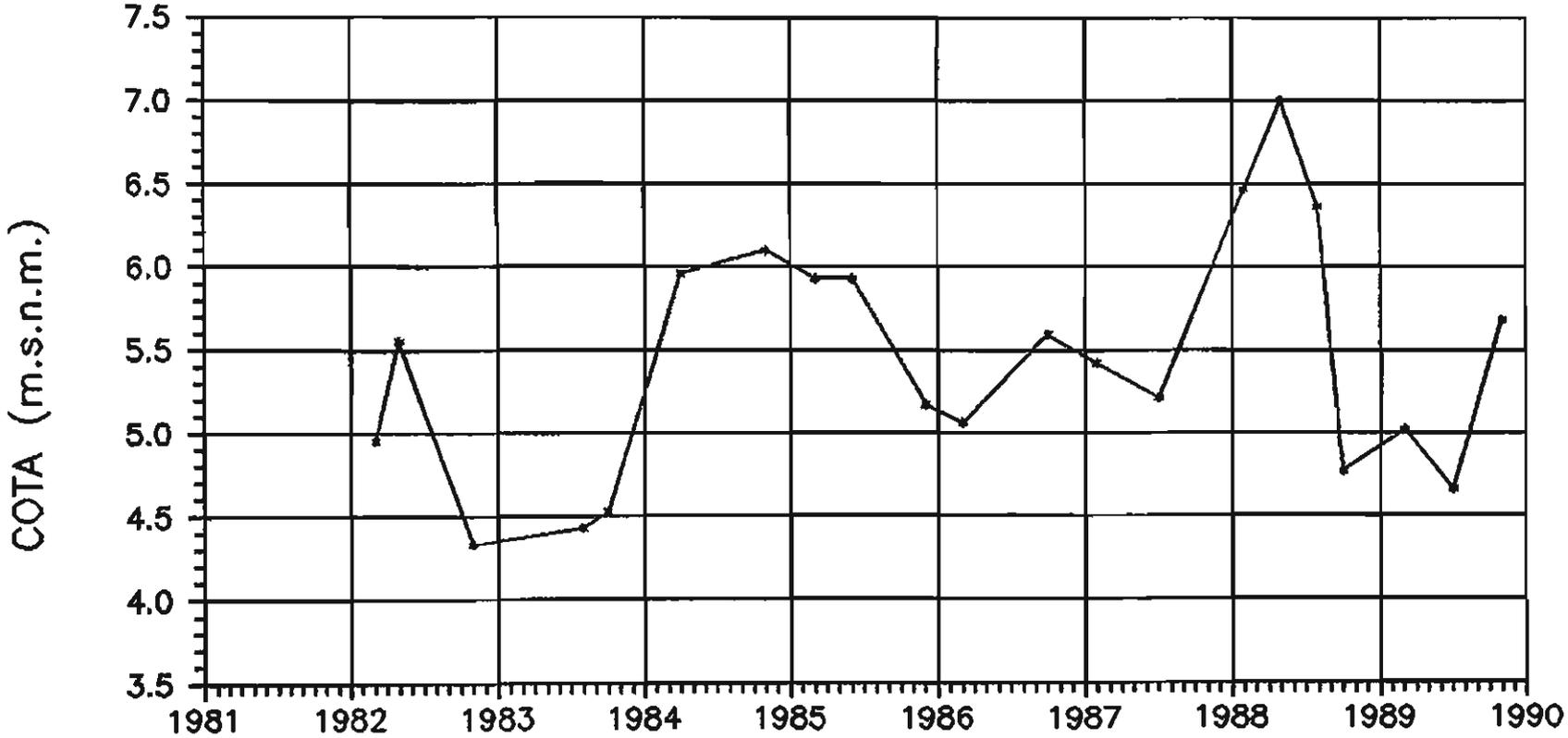
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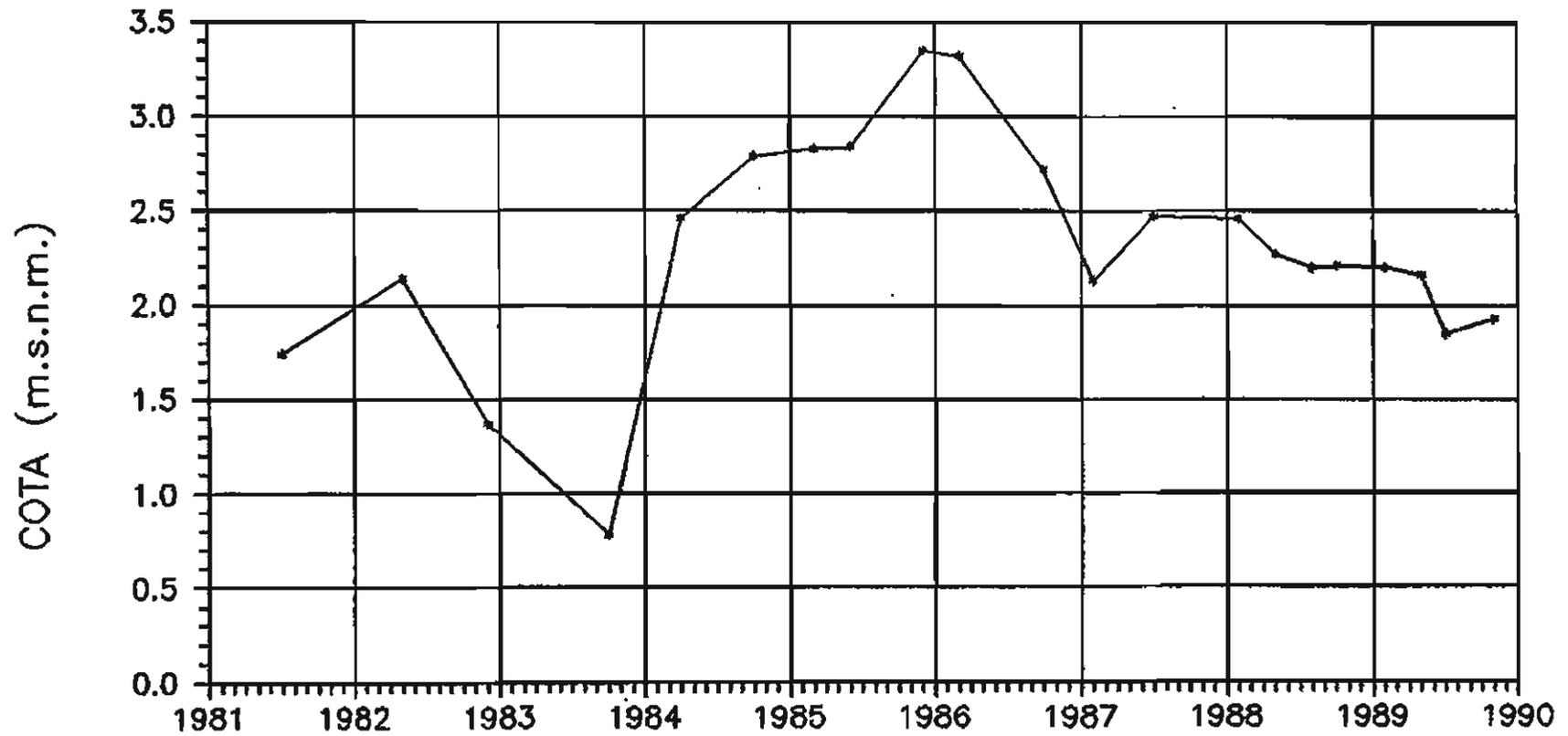
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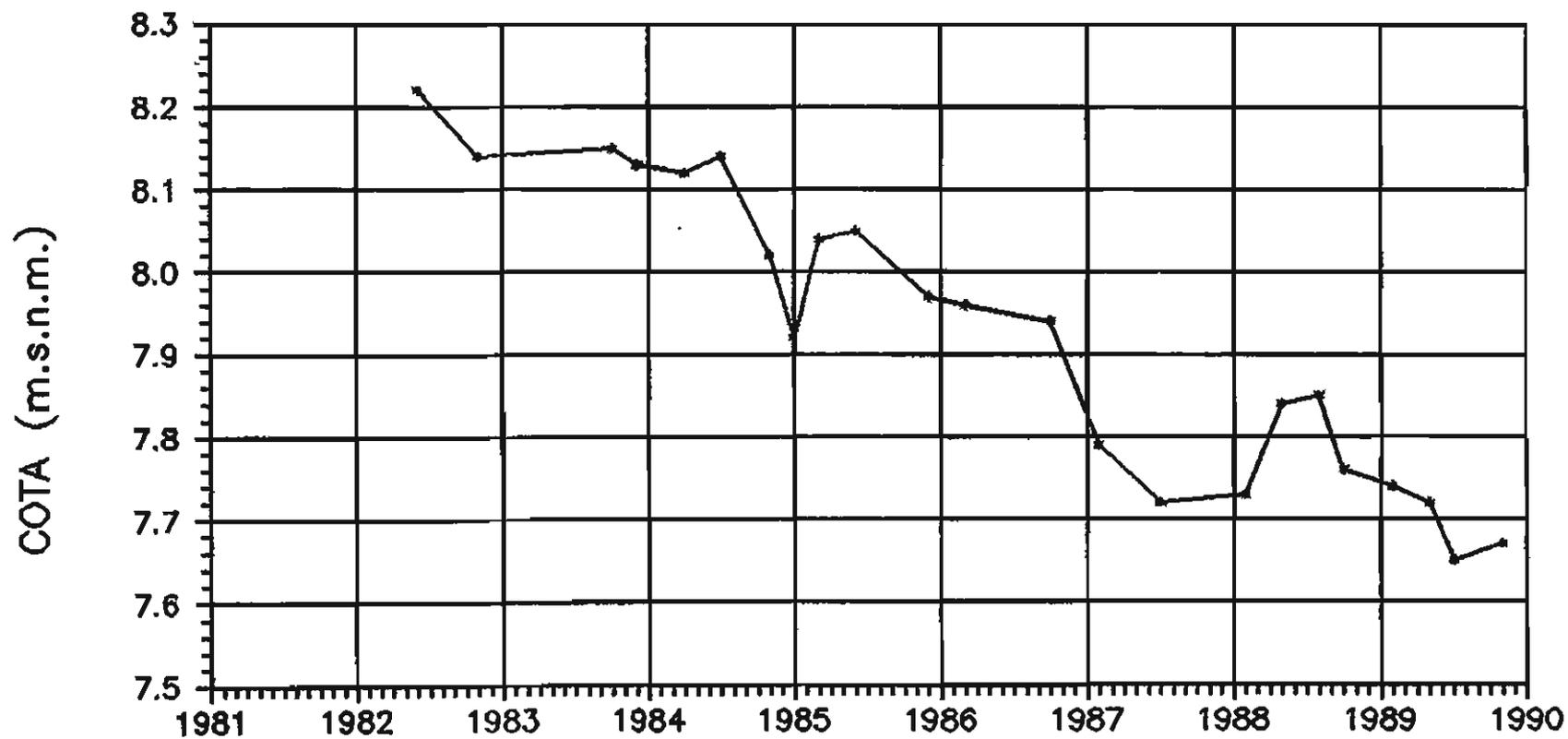
PIEZOMETRO 3418-2022



# PIEZOMETRO 3418-3069



# PIEZOMETRO 3418-3031



## **IX.5. DIAPOSITIVAS**

- 1.- Espumas en el arroyo de la Vall (Alcover) Fca. de detergentes.
- 2.- Salidas de efluentes en la zona de la Pineda (polialcoholes)
- 3.- Recorrido del vertido por el torrente de Baorada (la Pineda)
- 4.- Vertidos de hidrocarburos (restos de Fuel de calderas)
- 5.- Infiltración de vertidos por los antiguos pozos tipo Norias

### **Tecnología de pozo**

- 6.- Botella tomamuestras
- 7.- Ensayo en bidón de la cementación del anular con gravas
- 8.- Ranurado de una tubería mediante una regleta marcada
- 9.- Ranurado que se obtiene mediante un rajador interior
- 10.- Extractor de tuberías
- 11.- "Limón" para ensanchar el diámetro de la boca de una tubería
- 12.- Preparación de un dispositivo "air lift"
- 13.- Bombeo con aire ("air lift")
- 14.- Inyección de ácido para el desarrollo del sondeo de Renau
- 15.- Desarrollo con nieve carbónica para achicar los finos del sondeo

### **Control de aguas**

- 16.- Aforador en el río Gaiá
- 17.- Escala en la riera de Rovellats (Penedés)
- 18.- Escala en la cabecera del río Montsant (cuena Ebro)
- 19.- Escala en La Masó (Francolí) Camp de Tarragona
- 20.- Escala en Montferri (río Gaiá)

### **Mapas hidrogeológicos**

- 21.- Mapa de síntesis hidrogeológica del Camp de Tarragona
- 22.- Mapa de síntesis geológica de la zona costera
- 23.- Mapa de cloruros del estudio del Repo 1970
- 24.- Mapa de cloruros del estudio I.T.G.E. 1982-1984-1987. Acuífero superior
- 25.- Mapa de cloruros del estudio I.T.G.E. 1982-1984-1987. Acuífero inferior
- 26.- Corte geológico de la estructura del cabo de Salou, con la implantación de los Sondeos de control de la intrusión salina
- 27.- Correlación litológica y de "logs" en los sondeos Vilaseca I y II

### Ensayos de Bombeo (Aforos)

- 28.- Ensayo de bombeo en La Boella (Tarragona) 90 m<sup>3</sup>/h
- 29.- Ensayo de bombeo en Vespella (Tarragona) 80 m<sup>3</sup>/h
- 30.- Ensayo de bombeo en Valls (Tarragona) 90 m<sup>3</sup>/h
- 31.- Ensayo de bombeo en Els Pallaresos (Tarragona) 110 m<sup>3</sup>/h
- 32.- Ensayo de bombeo en Aiguamurcia (Tarragona) 220 m<sup>3</sup>/h
- 33.- Vista de parte del Camp desde el cabalgamiento de Muschelkal superior. En primer término bloques caídos desde la parte superior del pliegue
- 34.- "Drag folds" en la sierra de Miramar. Estos pliegues se forman en el contacto de la serie invertida cuando cabalga sobre la serie normal
- 35.- Vista del desfiladero de la Riba, en Primer término a la izquierda del río, el Muschelkal inferior sobre el Buntsandstein (no visible). La depresión rojiza es el Muschelkalk medio y al fondo, el superior
- 36.- El Buntsandstein y el Muschelkalk inferior en la zona de Montroig
- 37.- Detalle de oncolitos de algas del Barremiense
- 38.- Pequeño anticlinal de calizas del Ilerdiense cerca del cabalgamiento de la "cala Font" Cabo de Salou (Tarragona)
- 39.- Conglomerados sobre arcillas rojas de la F. Carme en el cabo de Salou
- 40.- Paleokarts en el contacto del Barremiense con el Kimmeridgiense del Cabo de Salou (Faro de Salou)