

Yearly Means from Absolute Observation.

				1905.	Alteration since 1903.
Declination	...	...	...	16° 27' 2"	+ 08' 8"
Horizontal force	...	...	...	22622 c.g.s.	- 00035 c.g.s.
Inclination	...	...	...	67° 45' 9"	+ 03' 6"
Vertical force	...	...	...	55336 c.g.s.	+ 00077 c.g.s.

COMPARISON OF OBSERVATORY AND FIELD MAGNETOMETERS AND DIP CIRCLES.

Station.	Date.	Magnetometer.	Value of H.		Difference in Value of H. N A B C, No. 1.	
1 ... East Pillar ...	1906. January 6 ... " 6 ...	N A B C ... No. 1 ...	C.g.s. 0·22642 0·22624		0·00018	

Station.	Date.	Dip Circle.	Needle No.	Inclination.	Mean.	Difference Circle 147. Field Circle.
West Pillar ...	1906. January 7 ...	No. 147 ...	1	° ' " 67 46 51	67 46 33	} + 08"
			2	67 47 51		
			3	67 44 56		
1 ...	" 7 ...	Field ...	1	67 46 5	67 46 25	
			2	67 46 45		

LIST OF NEW MAGNETIC STATIONS, 1906.

Methven.	Duntroon.	Roxburgh.	Middlemarch.
Mount Algidus.	Kurow.	Alexandra.	Nightcaps.
Hakateie.	Hakataramea Downs.	Cromwell.	Winton.
Fairlie.	Bog Roy.	Naseby.	Heriot.
Lake Tekapo.	Longslip.	Linnburn.	Waipahi.
Lilybank.	Lawrence.	St. Bathans.	Mataura.
Lake Pukaki.	Waimahaka.	Hyde.	Riversdale.
The Hermitage.	Waikawa.	Hindon.	Warepa.

Repeat Station :
Clinton.