



DISEÑO DEL SISTEMA DE DRENAJE DEL RESERVORIO DE PLACERES MA ALTA



EVAPOTRANSPIRACIÓN (mm)												
Método: "Tornthwaite"												
LONGITUD:	79.049476											
LATITUD(Φ):	3.035124											
Parámetro	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
T (°C)	12.70	12.70	13.40	13.10	12.80	12.00	12.30	11.30	12.30	12.10	11.10	10.40
i	4.10	4.10	4.45	4.30	4.15	3.76	3.91	3.44	3.91	3.81	3.34	3.03
l	46.30											
a	1.22											
Nh (h)	12	12	12	12	12	12	12	12	12	12	12	12
Nd (día)	31	28	31	30	31	30	31	31	30	31	30	31
ETP(sin ajustar)	55.01	55.01	58.74	57.13	55.54	51.32	52.89	47.68	52.89	51.84	46.65	43.07
δ=	-0.00622443	-0.0065933	-0.00622443	-0.00634739	-0.00622443	-0.00634739	-0.00622443	-0.00622443	-0.00634739	-0.00622443	-0.00634739	-0.00622443
tan(Φ)=	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251	0.05302251
tan(δ)=	-0.00010864	-0.00011507	-0.00010864	-0.00011078	-0.00010864	-0.00011078	-0.00010864	-0.00010864	-0.00011078	-0.00010864	-0.00011078	-0.00010864
N=	11.999956	11.9999534	11.999956	11.9999551	11.999956	11.9999551	11.999956	11.999956	11.9999551	11.999956	11.9999551	11.999956
L=	1.03332954	0.93332971	1.03332954	0.99999626	1.03332954	0.99999626	1.03332954	1.03332954	0.99999626	1.03332954	0.99999626	1.03332954
ETP (corregida)	56.84	51.34	60.70	57.13	57.39	51.32	54.65	49.27	52.89	53.57	46.65	44.51

Tabla 5. Calculo de la Evapotranspiración- Método de Tornthwaite
Fuente: Equipo Consultor