

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.39 ± 0.11	H_0	$74.3^{+7.0}_{-7.1}$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5748 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14212 ± 119 Mpc
$d_A(z_*)$	14042 ± 119 Mpc	$D_v(z = 0.57)/r_s(z_d)$	12.9 ± 1.2
η	$(6.22 \pm 0.14) \times 10^{-10}$	k_{eq}	$0.00990^{+0.00032}_{-0.00033}$
ℓ_{eq}	138.9 ± 3.5	ℓ_*	302.27 ± 0.66
n_b	$(2.553 \pm 0.059) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.975 ± 0.014
Ω_b	0.0423 ± 0.0077	$\Omega_b h^2$	0.02273 ± 0.00053
Ω_c	0.211 ± 0.042	$\Omega_c h^2$	0.1129 ± 0.0046
Ω_k	0.003 ± 0.015	Ω_k	$-0.030 < \Omega_k < 0.029$ (95% CL)
Ω_Λ	0.744 ± 0.037	Ω_m	0.253 ± 0.050
$\Omega_m h^2$	0.1356 ± 0.0045	Ω_{tot}	0.997 ± 0.015
Ω_{tot}	$0.97 < \Omega_{\text{tot}} < 1.03$ (95% CL)	$r_s(z_d)$	152.4 ± 1.3 Mpc
$r_s(z_d)/D_v(z = 0.106)$	0.365 ± 0.035	$r_s(z_d)/D_v(z = 0.2)$	0.199 ± 0.019
$r_s(z_d)/D_v(z = 0.35)$	0.119 ± 0.011	$r_s(z_d)/D_v(z = 0.44)$	0.0971 ± 0.0090
$r_s(z_d)/D_v(z = 0.54)$	0.0818 ± 0.0074	$r_s(z_d)/D_v(z = 0.57)$	0.0782 ± 0.0070
$r_s(z_d)/D_v(z = 0.6)$	0.0751 ± 0.0067	$r_s(z_d)/D_v(z = 0.73)$	0.0645 ± 0.0055
$r_s(z_*)$	145.9 ± 1.2	R	1.724 ± 0.016
σ_8	0.827 ± 0.045	$\sigma_8 \Omega_m^{0.5}$	0.415 ± 0.056
$\sigma_8 \Omega_m^{0.6}$	0.362 ± 0.055	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.49 ± 0.82 Gyr	τ	0.090 ± 0.014
θ_*	0.010393 ± 0.000023	θ_*	0.5955 ± 0.0013 °
τ_{rec}	284.4 ± 2.4	t_{reion}	451^{+64}_{-65} Myr
t_*	377204^{+4212}_{-4202} yr	w	-1.05 ± 0.12
z_d	1020.8 ± 1.1	z_{eq}	3245 ± 107
z_{rec}	1088.00 ± 0.82	z_{reion}	10.6 ± 1.1
z_*	$1090.77^{+0.89}_{-0.90}$		