

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.39 ± 0.10	H_0	73.7 ± 2.3 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5748 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14208 ± 117 Mpc
$d_A(z_*)$	14039_{-118}^{+119} Mpc	$D_v(z=0.57)/r_s(z_d)$	12.89 ± 0.47
η	$(6.21 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00991 ± 0.00032
ℓ_{eq}	139.1 ± 3.4	ℓ_*	302.29 ± 0.64
n_b	$(2.550 \pm 0.055) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.975 ± 0.013
Ω_b	0.0419 ± 0.0026	$\Omega_b h^2$	0.02271 ± 0.00049
Ω_c	0.209 ± 0.016	$\Omega_c h^2$	0.1131 ± 0.0045
Ω_k	0.0037 ± 0.0071	Ω_k	$-0.010 < \Omega_k < 0.018$ (95% CL)
Ω_Λ	0.746 ± 0.016	Ω_m	0.251 ± 0.018
$\Omega_m h^2$	0.1358 ± 0.0044	Ω_{tot}	0.9963 ± 0.0071
Ω_{tot}	$0.98 < \Omega_{\text{tot}} < 1.01$ (95% CL)	$r_s(z_d)$	152.4 ± 1.3 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.363 ± 0.012	$r_s(z_d)/D_v(z=0.2)$	0.1971 ± 0.0067
$r_s(z_d)/D_v(z=0.35)$	0.1177 ± 0.0042	$r_s(z_d)/D_v(z=0.44)$	0.0964 ± 0.0035
$r_s(z_d)/D_v(z=0.54)$	0.0812 ± 0.0029	$r_s(z_d)/D_v(z=0.57)$	0.0777 ± 0.0028
$r_s(z_d)/D_v(z=0.6)$	0.0745 ± 0.0027	$r_s(z_d)/D_v(z=0.73)$	0.0640 ± 0.0023
$r_s(z_*)$	145.9 ± 1.2	R	1.725 ± 0.016
σ_8	0.830 ± 0.042	$\sigma_8 \Omega_m^{0.5}$	$0.416_{-0.030}^{+0.031}$
$\sigma_8 \Omega_m^{0.6}$	0.362 ± 0.029	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.51 ± 0.35 Gyr	τ	0.090 ± 0.014
θ_*	0.010393 ± 0.000022	θ_*	0.5955 ± 0.0013 °
τ_{rec}	284.3 ± 2.4	t_{reion}	451 ± 64 Myr
t_*	377010_{-4082}^{+4074} yr	w	-1.037 ± 0.097
z_d	1020.8 ± 1.1	z_{eq}	3250 ± 104
z_{rec}	$1088.04_{-0.79}^{+0.78}$	z_{reion}	10.6 ± 1.1
z_*	1090.81 ± 0.84		