

WMAP Cosmological Parameters

Model: lcdm+iso+uncorr

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.341_{-0.086}^{+0.085}$	H_0	73.2 ± 1.9 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5743 ± 35 μK^2	$d_A(z_{\text{eq}})$	14255 ± 109 Mpc
$d_A(z_*)$	14091_{-111}^{+110} Mpc	$D_v(z=0.57)/r_s(z_d)$	$12.86_{-0.25}^{+0.26}$
η	$(6.38 \pm 0.15) \times 10^{-10}$	k_{eq}	0.00962 ± 0.00027
ℓ_{eq}	135.6 ± 2.9	ℓ_*	301.85 ± 0.63
n_b	$(2.620 \pm 0.062) \times 10^{-7}$ cm^{-3}	n_s	0.996 ± 0.016
Ω_b	0.0436 ± 0.0018	$\Omega_b h^2$	0.02333 ± 0.00055
Ω_c	0.203 ± 0.017	$\Omega_c h^2$	0.1085 ± 0.0038
Ω_Λ	0.753 ± 0.019	Ω_m	0.247 ± 0.019
$\Omega_m h^2$	0.1318 ± 0.0037	$r_s(z_d)$	153.0 ± 1.1 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.362 ± 0.010	$r_s(z_d)/D_v(z=0.2)$	0.1972 ± 0.0052
$r_s(z_d)/D_v(z=0.35)$	0.1179 ± 0.0028	$r_s(z_d)/D_v(z=0.44)$	0.0965 ± 0.0021
$r_s(z_d)/D_v(z=0.54)$	$0.0813_{-0.0017}^{+0.0016}$	$r_s(z_d)/D_v(z=0.57)$	0.0778 ± 0.0015
$r_s(z_d)/D_v(z=0.6)$	0.0746 ± 0.0014	$r_s(z_d)/D_v(z=0.73)$	0.0641 ± 0.0011
$r_s(z_*)$	146.7 ± 1.0	R	1.706 ± 0.013
σ_8	0.803 ± 0.022	$\sigma_8 \Omega_m^{0.5}$	0.399 ± 0.024
$\sigma_8 \Omega_m^{0.6}$	0.347 ± 0.023	A_{SZ}	< 2.0 (95% CL)
t_0	13.59 ± 0.11 Gyr	τ	$0.090_{-0.013}^{+0.014}$
θ_*	0.010408 ± 0.000022	θ_*	0.5963 ± 0.0012 °
τ_{rec}	286.5 ± 2.0	t_{reion}	474_{-69}^{+68} Myr
t_*	381139_{-3541}^{+3535} yr	α_0	< 0.13 (95% CL)
z_d	1021.8 ± 1.2	z_{eq}	3156 ± 88
z_{rec}	$1087.13_{-0.76}^{+0.77}$	z_{reion}	10.4 ± 1.1
z_*	1089.64 ± 0.82		